



**A N E X A 4 . 1**

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**L I S T A**  
**lucrărilor științifice în domeniul disciplinelor din postul didactic**

**A. Teza de doctorat**

Calculul static și dinamic al liniilor de arbori navale, 1998, conducător științific Liviu Dan STOICESCU.

**B. Cărți și capitole în cărți publicate în ultimii 10 ani**

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6. SGEM 2012 – Florentina Tocu, Oana Mirela Dobrot, **Costel Iulian Mocanu**, ”Determination of deformation in a structure element made of stratified composite materials in dynamic regimen” – *12th International Multidisciplinary Scientific GeoConference of Modern Management of Mine Producing, Geology and Environmental Protection* – Albena, Bulgaria 2012, Vol I, ISBN 978-1-62993-274-3, ISSN 1314-2794
1. A. Bleoju, A.M. Pohlca, **C.I. Mocanu**, ”Inland water floating debris cleanup vessel” - *Developments in the Analysis and Design of Marine Structures*, Editors: J. Amdahl, C. Soares, Taylor and Francis Group, London, UK, ISBN 978-1-032-13665-3
2. MODTECH 2019 - Nechita M., **Mocanu C. I.**, ”Barge’s study under impact loads” – Proceedings of The 7th International Conference Modtech 2019, 19-21 Iunie Iași, România, ModTech Publishing House, Page 230, IOP Conf. Series: Materials Science and Engineering 591, DOI:10.1088/1757-899X/591/1/012109, WOS:000562929900109.
- 3.– Adrian Caramatescu, **Costel Iulian Mocanu**, ”CFD simulation of a planing hull” – *International Conference on Traffic and Transport Engineering, 2018*, [http://ijtte.com/uploads/news\\_files/Proceedings%202018%20final.pdf](http://ijtte.com/uploads/news_files/Proceedings%202018%20final.pdf)
4. – A. Caramatescu, **CI Mocanu**, FD Pacuraru, G Jagite, ” Estimation of planning forces in numerical





Anexa 4 FV

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and full scale experiment” – *Maritime Transportation and harvesting of Sea Resources IMAM 2017*, 9-

11 October 2017, Lisbon, Portugal,

<http://www.imamhomepage.org/imam2017/images/IMAM%202017%20-%20Full%20Programme.pdf>

5.– Cristea B., **Mocanu C.I.**, Domnisoru L. ”Non-linear hydroelastic and fatigue analyses for a very

large bulk carrier” – *5th International Conference on Marine Structures*, 25 – 27 martie 2015, Southampton Marea Britanie.

6.– Florentina Tocu, Oana Mirela Dobrot, **Costel Iulian Mocanu**, ”Determination of deformation in a

structure element made of stratified composite materials in dynamic regimen” – *12th International*

*Multidisciplinary Scientific GeoConference of Modern Management of Mine Producing, Geology and*

*Environmental Protection* – Albena, Bulgaria 2012, Vol I, ISBN 978-1-62993-274-3, ISSN 1314-2794

**Data:**

**03.02.2022**

**Semnătura:**



Anexa 4 FV

Nume Prenume: Obreja Constantin Dan

Gradul didactic: Profesor

Instituția unde este titular: Universitatea “Dunărea de Jos” din Galați

Facultatea: Arhitectură Navală

Departamentul: Arhitectură Navală

**L I S T A**

**lucrărilor științifice în domeniul disciplinelor din postul didactic**

**A. Teza de doctorat**

*Contribuții privind studiul stabilității transversale a navelor pe valuri*, Universitatea “Dunărea de Jos” din Galați, 1998, O.M. 3428/17.03.1998, conducător științific Prof.univ.dr.ing. Stoicescu Liviu, domeniul doctoral Științe Inginerești, Inginerie mecanică - Hidrodinamică și structuri navale

**B. Cărți și capitole în cărți publicate în ultimii 10 ani**

1. Obreja, C.D., Marcu, O., 2016, *Proiectarea preliminară a navei. Îndrumar de lucrări asistate de calculator*, Editura Fundației Universitare Dunărea de Jos, Galați, ISBN 978-973-627-566-1 (e-book).
2. Obreja, C.D., Pacuraru S., 2016, *Hidrodinamica navelor mici. Îndrumar de laborator numeric*, Editura Fundației Universitare Dunărea de Jos, Galați, ISBN 978-973-627-567-8 (e-book).
3. Obreja, C.D., Crudu, L., Pacuraru S., 2015, *Manevrabilitatea navei. Îndrumar de laborator numeric*, Editura Fundației Universitare Dunărea de Jos, Galați, ISBN 978-973-627 (e-book).

**C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani**

**- Lucrări indexate ISI-WOS reviste**

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3. Bilec, M., Obreja, C.D., 2020, *Ship resistance and powering prediction of a fishing vessel*, ModTech 2020, IOP Conf. Series: Materials Science and Engineering, 916 (2020) 012011, doi: 10.1088/1757-899X/916/1/012011.
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- Trieste, Italy, IOS Press 2018: Technology and Science for the Ships of the Future, ISBN:1614998701, pp. 819-820, doi:10.3233/978-1-61499-870-9-819.
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32. Obreja C.D., Marcu O., 2014, *Axial wake tests in a small towing tank with KCS model*, Analele Universității „Dunarea de Jos” din Galati, Fascicula XI–Constructii Navale, Anul XXXII, pp. 59-65, Galati University Press, ISSN 1221-4620.

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34. Obreja, D.C., Marcu, O., 2013, *Resistance tests in a small towing tank with KCS model*, Analele Universității Dunărea de Jos din Galați, Fascicula XI – Constructii Navale, Anul XXXI, pp. 35-40, Galați, 2013, Galați University Press, ISSN 1221-4620.
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39. Obreja, D.C., Jagițe, G., Marcu, O., 2012, *Analysis of the NACA Hydrodynamic Coefficients in Free Stream*, Analele Universității Dunărea de Jos din Galați, Fascicula XI – Constructii Navale, Anul XXX, pp. 53-62, Galați, 2012, Galați University Press, ISSN 1221-4620.
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**- Lucrări indexate BDI-SCOPUS volume de conferințe**

41. Obreja, C.D., Nabergoj, R., Crușu, L., Domnișoru, L., 2017, *Seakeeping performance of a Mediterranean fishing vessel*, IMAM 2017 - Maritime Transportation and Harvesting of Sea Resources, Lisboa, Portugal, ISBN 978-0-8153-7993-5, pp. 483-491.

**- Lucrări indexate BDI volume de conferințe**

42. Marcu, O., Robea-Voinea, E.G., Obreja, C.D., 2021, *Hydrodynamic Study of the Flow developed around a bare hull ship in static drift motion*, Proceedings of the 7<sup>th</sup> International Scientific Conference SEA-CONF 2021, Mircea cel Bătrân Naval Academy, Constanta, 21-22 May 2021.
43. Iatan, G.C., Obreja, C.D., 2019, *Investigation on the optimum distance between the hulls of a Danube Delta passenger catamaran*, International Technium Conference Proceedings, Constanta, 2019, ISBN 978-973-0-30915-7.

**Data: 15.11.2021****Semnătura:**

Prof.dr.ing. Dan OBREJA

E – Brevete (pentru întreaga activitate)





Anexa 4 FV

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## Anexa 4 FV

Nume Prenume: Domnișoru Leonard

Gradul didactic: Prof.dr.ing.

Instituția unde este titular: Universitatea "Dunărea de Jos" din Galați

Facultatea: de Arhitectură Navală

Departamentul: de Arhitectură Navală

**L I S T A****lucrărilor științifice în domeniul disciplinelor din postul didactic****D. Teza de doctorat**

**Domnișoru, L.,** *Contribuții privind răspunsul dinamic al corpului navei pe mare agitată*, Universitatea "Dunărea de Jos" din Galați, 6 Martie 1996, O.M. 3543/3.04.1996; conducător științific Prof.univ.dr.ing. Bidoae Ion; domeniul doctoral Științe Inginerești, Inginerie mecanică - Hidrodinamică și structuri navale; perioada stagiului doctoral 20.01.1992–6.03.1996; cu rezumatul „Beiträge über der Dynamischenantwort dem Schiffskörper im unruhigem Meer“, 1996; Comisia oficială: Prof.dr.ing. Ceangă Emil, Prof.dr.ing. Bidoae Ion, Acad.Prof.dr.doc.Dr.ing.Dr.H.C. Buzdugan Gheorghe, Prof.dr.ing. Radeș Mircea, Prof.dr.ing. Posea Nicolae, Prof.dr.ing. Stoicescu Liviu Dan, C.S.Pr.I. dr.ing.Novac Iordan.

**E. Cărți și capitole în cărți publicate în ultimii 10 ani (2012-2021)**

1. 2017. **Domnișoru, L.,** *Special chapters on ships' structures analysis. Applications*, (eBook, Lb.Engleza), Editura Fundației Universitare „Dunărea de Jos” Galați (414 pag), (acreditată CNCIS cod 147), ISBN: 978 - 973 - 627 - 589 - 0, 2017, (UDJ 629.5/D65)
2. 2016. Mirciu, I., **Domnișoru, L.,** *Analiza structurală a stărilor limită la navele tip tanc*, (eBook) Editura Fundației Universitare „Dunărea de Jos” Galați (359 pag) (acreditată CNCIS cod 147), ISBN 978-973-627-558-6, 2016, (UDJ 629.5/M76), (cu suportul grantului POSDRU/88/1.5/S/61445/2009-2012)
3. 2015. Rubanenco, I., **Domnișoru, L.,** *Metode de analiză a comportării structurilor navale optimizate în condiții de val extrem*, (eBook) Editura Fundației Universitare „Dunărea de Jos” Galați (266 pag) (acreditată CNCIS cod 147), ISBN 978-973-627-536-4, 2015, (UDJ 629.5/R88), (cu suportul grantului POSDRU/107/1.5/S/ 76822/2010-2013)
4. 2014. Domnișoru, D., Praisler, M., **Domnișoru, L.,** *Metode chemometrice integrate pentru analiza și identificarea probelor ceramice*, (eBook) Editura Fundației Universitare „Dunărea de Jos” Galați (384 pag) (acreditată CNCIS cod 147), ISBN 978-973-627-512-8, 2014, (UDJ 620.1/D65)

**F. Lucrări indexate ISI/BDI publicate în ultimii 10 ani (2012-2021)****- Lucrări indexate ISI-WOS**

1. **Domnișoru, L.,** *On the long-term hydroelastic global structural response evaluation of a 100000 tdw oil-tanker*, ModTech 9th International Conference Modern Technologies in Industrial Engineering, Maritime Engineering and Navigation, 23-26 June 2021, Constanta (online), Romania, IOP Conference Series: Materials Science and Engineering, Online ISSN: 1757-899X Print ISSN: 1757-8981, Paper ID: G-12, (în curs de indexare WOS)

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2. Perijoc, D.S, **Domnișoru, L.**, Angheluță, C.M., *Structural strength evaluation of a 3000 dwt river-barge, under oblique quasi-static design waves*, ModTech 9th International Conference Modern Technologies in Industrial Engineering, Maritime Engineering and Navigation, 23-26 June 2021, Constanta (online), Romania, IOP Conference Series: Materials Science and Engineering, Online ISSN: 1757-899X Print ISSN: 1757-8981, Paper ID: G-17, (în curs de indexare WOS)
3. 2020. Pacuraru, F., **Domnișoru, L.**, Pacuraru, S., *On the Comparative Seakeeping Analysis of the Full Scale KCS by Several Hydrodynamic Approaches*, JMSE Journal of Marine Science and Engineering, (<https://www.mdpi.com/journal/jmse>; <https://www.mdpi.com/2077-1312/8/12/962>), Volume 8, Issue 12, Paper No. 962, (ISSN 2077-1312), pp.1-32, Basel (Switzerland), December 2020, MDPI Multidisciplinary Digital Publishing Institute - Academic Open Access Publishing (Factor de impact IF 2,033 / 2019), ISI Journal Publishers (WOS - Web of Science) (WOS:000602093000001, IDS: PJ9QS), Articol clasificat UEFISCDI ISI Galben (categoria Zona Q2, index Science, Poz. 31, 2020) <https://doi.org/10.3390/jmse8120962> (Indexat WOS & SCOPUS)
4. 2020. **Domnișoru, L.**, *On the strength assessment of a small liquid petroleum gas carrier in oblique waves by 1D and 3D-FEM analyses*, ModTech 8th International Conference Modern Technologies in Industrial Engineering, Maritime Engineering and Navigation, 24-27 June 2020, Constanta (online), Romania, IOP Conference Series: Materials Science and Engineering, Vol. 961, Issue 1, Online ISSN: 1757-899X Print ISSN: 1757-8981, Paper ID: G-23, <https://doi:10.1088/1757-899X/916/1/012027>, SCOPUS 162965, <https://iopscience.iop.org/article/10.1088/1757-899X/916/1/012027>, (WOS:00062533 0000027, IDS Number: BQ9KR) (Conference indexed SCOPUS & WOS)
5. 2020. **Domnișoru, L.**, *On the oscillations response prediction of a small liquid petroleum gas carrier in random oblique waves*, ModTech 8th International Conference Modern Technologies in Industrial Engineering, Maritime Engineering and Navigation, 24-27 June 2020, Constanta (online), Romania, IOP Conference Series: Materials Science and Engineering, Vol. 961, Issue 1, Online ISSN: 1757-899X Print ISSN: 1757-8981, Paper ID: G-22, <https://doi:10.1088/1757-899X/916/1/012028>, SCOPUS 162965, <https://iopscience.iop.org/article/10.1088/1757-899X/916/1/012028>, (WOS:000625330000028, IDS Number: BQ9KR) (Conference indexed SCOPUS & WOS)
6. 2019. Burlacu, E., **Domnișoru, L.**, *On a Small Size Floating Dock Structural Analysis in Oblique Design Waves by 3D-FEM Approach*, ModTech 7th International Conference Modern Technologies in Industrial Engineering, Maritime Engineering and Navigation, 19-22 June 2019, Iasi, Romania, IOP Conference Series: Materials Science and Engineering, Vol. 591, Issue 1, ISSN 1757-899X, ISSN 2286-4369, Paper ID: G-4, <https://doi:10.1088/1757-899X/591/1/012103>, SCOPUS 151214, (WOS:000562929900103, IDS Number: BP7TF), (Conference indexed SCOPUS & WOS)
7. 2019. Burlacu, E., **Domnișoru, L.**, *The Structural Evaluation of a Large Floating Dock in Head Design Waves by Strength Criteria*, ModTech 7th International Conference Modern Technologies in Industrial Engineering, Maritime Engineering and Navigation, 19-22 June 2019, Iasi, Romania, IOP Conference Series: Materials Science and Engineering, Vol. 591, Issue 1, ISSN 1757-899X, ISSN 2286-4369, Paper ID: G-5, <https://doi:10.1088/1757-899X/591/1/012104>, SCOPUS 151214, (WOS:000562929900104, IDS Number: BP7TF), (Conference indexed SCOPUS & WOS)
8. 2018. Burlacu, E., Păcuraru F., **Domnișoru, L.**, *On a river – costal tug operation safety assessment in irregular waves*, ICTTE International Conference on Traffic and Transport Engineering, Inland Waterways Traffic and Transport Research, 27-28 September, Belgrade, Serbia, ISBN 978-86-916153-4-5, pp.187-194, (WOS:000542956800027, IDS Number: BP2KH), [http://ijtte.com/article/102/ICTTE\\_Belgrade\\_2018.html](http://ijtte.com/article/102/ICTTE_Belgrade_2018.html), [http://ijtte.com/uploads/news\\_files/Proceedings%202018%20final.pdf](http://ijtte.com/uploads/news_files/Proceedings%202018%20final.pdf), (Conference indexed WOS)

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**E. Brevete obținute în întreaga activitate**

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E – Brevete (pentru întreaga activitate)

**Data: 17.10.2021**

**Semnătura:**  
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Anexa 4 FV

Nume Prenume: Gabriel Popescu

Gradul didactic: Conf. dr. ing.

Instituția unde este titular: universitatea Dunarea de Jos Galați

Facultatea: Arhitectură Navală

Departamentul: Arhitectură Navală

**L I S T A**

**lucrărilor științifice în domeniul disciplinelor din postul didactic**

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**LISTA COMPLETA A LUCRARILOR PUBLICATE**

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40. „Study to Improve Passenger Comfort on the Open Decks” Popescu, G., Nechita, M., Ionescu, A., Popescu, C., , The Annals of „Dunarea de Jos” University of Galati, Fascicle XI - Shipbuilding, Galati University Press, ISSN 1221-4620, pp. 77-82, 2012
41. „ *The influence of shell's shape in ship design*”Nechita, M., Mocanu, C.I., Popescu, G., , Constanta Maritime University Annals, ISSN 1582-3601, Vol. 19, pp. 125-128, 2013
42. „*Calculation of foundations for equipment*” Popescu, G, Galati Naval Architecture GNA’13, 6th National Conference on Naval Architecture 13 December 2013, The Annals of “Dunarea de Jos” University of Galati, Fascicle XI-Shipbuilding (ISSN 1221-4620), pp.149-154, Galati University Press, 2013 (CNCSIS B+, cod 222, BDI: CSA)
43. „*An Alternative for Generating Aditonal Hull Surfaces*”, Popescu, G.,Galati Naval Architecture GNA’14, 6th National Conference on Naval Architecture ,December 2014, The Annals of “Dunarea de Jos” University of Galati, Fascicle XI-Shipbuilding (ISSN 1221-4620), , Galati University Press, 2014 (CNCSIS B+, cod 222, BDI: CSA)
44. „*Virtual Laboratory for Marine Structures*”, Popescu, G., The Annals of “Dunarea de Jos” University of Galati, Fascicle XI-Shipbuilding (ISSN 1221-4620) Galati University Press, (CNCSIS B+, cod 222, BDI: CSA), 2015.
45. „*Comparative Analysis of the Barge Type B1740t Europe B2 Numerical Models on Processing the Draught Survey Data* „ Pacuraru, F., Domnisoru, L., Popescu, G., Burlacu, E., , Galati Naval Architecture GNA’16, 9<sup>th</sup> National Conference on Naval Architecture 21 October 2016, 65 Years of Naval Architecture Higher Education at Galati University, The Annals of “Dunarea de Jos” University of Galati, Fascicle XI-Shipbuilding (ISSN 1221-4620), Galati University Press, 2016
46. “*The Danube River flow analysis in critical points of the fairway*”Popescu, G., [Domnisoru, L](#) ., [Amoraritei, M](#) ., [Modiga, A](#) 3rd International Conference on Traffic and Transport Engineering (ICTTE),Location: Assoc Italiana Ingn Traffico Trasporti Res Ctr, Belgrade, SERBIA,NOV 24-25, pages 260-264,2016
47. „*Maritime operation safety assessment, using seakeeping criteria, of an offshore barge in the caspian sea*” Gasparotti C., Domnisoru L., Popescu G. Conference 16th International Multydisciplinary Scientific Geoconference (SGEM 2016) Albena, Bulgaria, jun 30-jul 06 2016, pages 783-790.
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DOI: <https://iopscience.iop.org/article/10.1088/1757-899X/400/4/042048/>

50. „*SHIP PROPULSIVE PERFORMANCE ASSESSMENT AND GHG EMISSIONS REQUIREMENTS ICTTE*”, Amoraritei M., Domnisoru L., Popescu G.,

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51. „*Green Design of Modular Floating Structures*”, Modiga, A., Popescu, G., 2018, The Proceedings of the “Sixth International Conference on Advances in Civil, Structural and Environmental Engineering - ACSEE 2017” (nu a fost trecuta la evaluarea din 2017 pentru ca nu am avut confirmarea), 09 – 10 December, Rome, Italy, doi: 10.15224/978-1-63248-139-9-31

52. „*A STUDY ON THE FORMATION OF THE SACALIN ISLAND OF THE DANUBE DELTA*” Popescu Gabriel, Modiga Alina, 17th International Multidisciplinary Scientific GeoConference SGEM 2017, [www.sgemviennagreen.org](http://www.sgemviennagreen.org), SGEM2017 Vienna GREEN Conference Proceedings, ISBN 978-619-7408-27-0 / ISSN 1314-2704, 27 - 29 November, 2017, Vol. 17, Issue 33, 3-10 pp; DOI: 10.5593/sgem2017H/33/S12.001

53. „*THE INFLUENCE OF BARGES ANCHORAGES ON THE NAVIGABLE CHANNEL*”, Gabriel Popescu, Alina Modiga, 17th International Multidisciplinary Scientific GeoConference SGEM 2017, [www.sgemviennagreen.org](http://www.sgemviennagreen.org), SGEM2017 Vienna GREEN Conference Proceedings, ISBN 978-619-7408-27-0 / ISSN 1314-2704, 27 - 29 November, 2017, Vol. 17, Issue 33, 371-376 pp; DOI: 10.5593/sgem2017H/33/S12.046

54. „*ON THE STUDY OF THE NEW TERRITORIES DYNAMICS FORMATION IN THE DANUBE DELTA*”, Popescu, G., Domnisoru, L., Gavan, E., , 17th International Multidisciplinary Scientific GeoConference, [www.sgem.org](http://www.sgem.org), SGEM2017, Hydrology and Water Resources, Conference Proceedings, ISBN 978-619-7408-04-1 / ISSN 1314-2704, Vol. 17, Issue 31, pp. 477-484, 29 June - 5 July, Albena, Bulgaria, 2017, (DOI:10.5593/SGEM2017/31/S12.060), <http://sgemworld.at/sgemlib/spip.php?article9684> (follows indexing: ISI & indexed SCOPUS) (co-autor)





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55. "Ship Propulsive Performance Assessment and GHG Emissions Requirements" Amorașitei, M., Domnisoru, L., Popescu, G., , International Conference on Traffic and Transport Engineering, ICTTE 2018, pp. 378 – 386, ISBN 978-86-916153-4-5, Belgrad 2018

**Contracte**

1. 2008-2011. Platformă tehnologică pentru construcția miniroboților subacvatici telecomandați prin cablu, utilitari și de agrement; perioada 01.10.2008-30.11.2011.

Beneficiar: MedC-CNMP Grant PN II-CDI P4-Parteneriate în domenii prioritare TOYROV 3401/ 12-116/1.10.2008; (P2-UGAL) 175420 RON

Membrii echipei Partenerului P2, Universitatea „Dunărea de Jos” din Galați, sunt: Domnișoru Leonard, Lungu Adrian, Obreja Dan, Mocanu Costel, Dragomir Dumitru, Ioan Alexandru, Stoicescu Liviu, Crudu Liviu, Popescu Gabriel, Găvan Eugen, Păcuraru Florin, Păcuraru Săndița, Costel Ungureanu.

2. 2006-2008. Modele și metode numerice avansate în ingineria navelor de transport gaze lichefiate (LPG, LNG); perioada 01.08.2006-31.07.2008.

Beneficiar: MedC-ANCS/S.C. IPA. S.A. Grant MCT-CEEX-M1/ MARGAS-X2C16/ PC-D07-PT26-4409/ 2006; (P2 UGAL) 275592 RON

Membrii echipei Partenerului P2, Universitatea „Dunărea de Jos” din Galați, sunt: Domnișoru Leonard, Lungu Adrian, Obreja Dan, Dragomir Dumitru, Ioan Alexandru, Stoicescu Liviu, Crudu Liviu, Stroe Ion, Popescu Gabriel, Amorașitei Mihaela, Păcuraru Florin, Popoiu Săndița, Cristea Anișoara

3. 2006-2008, Subcontractor al grantului CEEX, modulul I, contract 101 CEEX-II 03/2006, *Platformă autonomă sau comandată de la distanță pentru supravegherea submarină în cazul dezastrelor sau pentru combaterea acțiunilor teroriste*, valoare 75.000,0 lei (Membrii grantului: A. Lungu, G. Popescu, E. Găvan, F. Păcuraru, C.I. Mocanu, M. Amorașitei)

4. 2007-2008, Grant CNCSIS, tema 5, cod CNCSIS 670, nr. contract 28 GR/11.05.2007, *Cercetări fundamentale asupra manevrabilității navelor, pentru evaluarea riscului și creșterea securității în transporturile navale. Sistem educațional integrat pentru simularea manevrelor navei*, valoare 199.500,0 lei (Membrii grantului: A. Lungu, G. Popescu, L. Crudu, L. Domnișoru, S. Păcuraru)



#### Anexa 4 FV

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5. 2007-2008, Grant PN II Capacități, Contract de finanțare nr. 116 cp-I / 14.09.2007, *Dezvoltarea operațională a laboratorului pentru hidrodinamică navală*, valoare 1.898.288,0 lei (Membrii grantului: A. Lungu, L. Crudu, L. Domnișoru, G. Popescu, M. Amorăriței, F. Păcuraru, S. Păcuraru)
6. Sprijinirea tranziției studenților către piața muncii prin stagii de practică inovatoare în regiunea Sud-Est POSDRU Nr. Contract 56695 ( 08/07/2015-31/12/2015)
7. Formarea personalului universitar și a studenților în utilizarea instrumentelor informatice moderne în domeniul managementului universitar  
POSDRU/86/1.2/S/62689POSDRU/86/1.2/S/62689
8. 2005, Contract de cercetare No.377/2005, *Resistance tests for PANAMAX bulk carrier model (E 601). Resistance and powering performances prediction*, beneficiar SHIP DESIGN GROUP Galati (pentru HARMEN OLDENDORFF, Germania), valoare 9750,0 lei (Membrii grantului: L. Domnișoru, G. Popescu, F. Păcuraru)
9. 2005, Contract de cercetare No.395/2005, *Resistance tests report for PANAMAX bulk carrier model (E 601). New bulb version*, beneficiar SHIP DESIGN GROUP Galati (pentru HARMEN OLDENDORFF - Germania), valoare 7.300,0 lei (Membrii grantului: L. Domnișoru, G. Popescu, F. Păcuraru)
10. *Proiectare site societate* , Contract nr. 310/2002 beneficiar S.C. SERVTEC Galati valoare contract 2000 Euro
11. *Proiectare WEB* , Contract nr.312/2002 beneficiar S.C. C.P.P.S. Galati, 2000 Euro
12. Personalizare CAD în domeniul construcțiilor metalice , Contract nr.313/2002 beneficiar S.C. C.P.P.S. Galati, 2000 Euro
13. Dezvoltare aplicații 3D , Contract nr. 315/2002 Contract nr.313/2002 beneficiar S.C. C.P.P.S. Galati, 2000 Euro

#### **D. PROIECTE DE CERCETARE-DEZVOLTARE PE BAZA DE CONTRACT**

1. *Proiectare site societate* , Contract nr. 310/2002, Director
2. *Proiectare WEB* , Contract nr.311/2002, Director
3. *Proiectare WEB* , Contract nr.312/2002, Director
4. Personalizare CAD în domeniul construcțiilor metalice, Contract nr.313/2002, Director
5. Dezvoltare aplicații 3D , Contract nr. 315/2002, Director



Anexa 4 FV

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6. *“Produce Software pentru optimizarea formelor carenelor navelor”*, GRANT CNCSIS , poz. 473 din lista CNCSIS 2002, Membru
7. *“Configurarea sistemelor de comunicatii de tip SC330”*, Contract 250/1999, Membru
8. *“Comfort Ferry Cruise”*, Program PC5, Subprogram CRAF-1999-71921 *Contract G3ST-CT-2002-50340, Membru*
9. *“Concepție inovativă pentru realizarea navelor de transport mărfuri in vrac, cu dublu înveliș care să corespundă noilor standarde europene și internaționale pentru creșterea securității si siguranței în transportul naval”*. Grant CNCSIS nr. 33445/2002 tema 16, cod CNCSIS 473, Membru
10. *Analiza la seakeeping pe termen scurt STP (oscilații verticale, tangaj, rului) a unei ambarcațiuni cu lungimea de 34 m C.C.A.5515377/2003, Membru*
11. *Network of Excellence on Marine Structures - MARSTRUCT* Grant EU-FP6 MARSTRUCT, Project No. FP6-PLT-506141, Contract No. TNE3-CT-2003-506141, Membru

**Data: 15.11.2021**

**Semnătura:**



Anexa 4 FV

Nume Prenume: AMORARITEI MIHAELA

Gradul didactic: conferentiar

Instituția unde este titular: Universitatea Dunarea de Jos din Galati

Facultatea: Arhitectura Navala

Departamentul: Arhitectura Navala

**L I S T A**

**lucrărilor științifice în domeniul disciplinelor din postul didactic**

**A. Teza de doctorat**

**Amoraritei, M.**, *"Contribuții privind hidrodinamica elicei în regim nestaționar cu aplicații la propulsoarele azimutale și elice cu ax înclinat"*, îndrumător prof.dr.ing. Valeriu Ceangă, Universitatea Dunarea de Jos, Galati, 2005

**B. Cărți și capitole în cărți publicate în ultimii 10 ani**

1. **Amoraritei, M.**, *"Teoria propulsorului. Aplicații practice"* – Editura Fundației Universitare Dunărea de Jos Galați, ISBN 978-973- 627- 557-9, 2015
2. **Amoraritei, M.**, *"Teoria propulsorului. Fundamente Teoretice"* – Editura Fundației Universitare Dunărea de Jos Galați, ISBN 978-973- 627- 584-5, 2016
3. **Amoraritei, M.**, *"Tehnologia montării instalațiilor navale"*, Editura Fundației Universitare Dunărea de Jos Galati, ISBN 978-973- 627- 643-9, 2020

**C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani**

1. **Amoraritei, M.**, Domnisoru, L., Popescu, G., *"Ship Propulsive Performance Assessment and GHG Emissions Requirements"*, International Conference on Traffic and Transport Engineering, ICTTE 2018, pp. 378 – 386, ISBN 978-86-916153-4-5, Belgrad 2018
2. Popescu, G., Domnișoru, L., **Amoraritei, M.**, Modiga, A., *"The Danube River Flow Analysis in Critical Points of the Fairway "*, ICTTE Belgrad 2016
3. Gasparotti, C., Domnișoru, L., Popescu, G., **Amoraritei, M.**, *"Maritime Operation Safety Assessment, using Seakeeping Criteria, on an Offshore Barge in the Caspian Sea "*, 16th International Multidisciplinary Scientific Geoconference SGEM 2016. book 3, Conference Proceedings, vol. 3, ISBN 978-619-7105-62-9, pp. 783-789
4. **Amoraritei, M.**, *"A preliminary propulsive performances evaluation for an oil tanker to meet EEDI challenge"*, Annals of "Dunarea de Jos" University of Galati, Fascicle XI Shipbuilding, ISSN 1221-4620, pp.103-108, 2019
5. Constantin, G., **Amoraritei, M.**, *"Analysis of the energy efficiency design index for two container ships and EEDI influence on propulsion performances"*, Annals of "Dunarea de Jos" University of Galati, Fascicle XI Shipbuilding, ISSN 1221-4620, pp.127-132, 2018
6. **Amoraritei, M.**, Constantin, G., *"A study on ship propulsion performances considering EEDI regulations"*, Analele Universității „Dunarea de Jos” din Galati, Fascicula XI–Constructii Navale (CNCSIS B+, cod 222), ISSN 1221-4620, pp.43-48, 2017
7. Paravilayil, N., N., **Amoraritei, M.**, *"Design of a Wake Addapted Propeller for a Containership "*, Analele Universitatii Dunarea de Jos din Galati, Fascicula XI, pp.173-182, ISSN 1221-4620, 2015 (revistă categoria B+ CNCSIS –indexat BDI)



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8. Domnisoru, L., Rubanenco, I., **Amoraritei, M.**, "*Structural Safety Assessment of a 1100 TEU Container Ship, Based on a Enhanced Long Term Fatigue Analysis* ", Advanced Materials Research Vol. 1036 (2014) pp 935-940, 2014, Trans Tech Publications, Switzerland, 10.4028/www.scientific.net/AMR.1036.935
9. **Amoraritei, M.**, Trujillo, I., M., "*A Ship Propulsion System Design Approach* ", Analele Universitatii Dunarea de Jos din Galati, Fascicula XI, pp.181-188, ISSN 1221-4620, 2013 (revistă categoria B+ CNCSIS –indexat BDI)
10. **Amoraritei, M.**, Maria, V., "*Study on the influence of the flow control device geometry on bearing forces fluctuations* ", Analele Universitatii Dunarea de Jos din Galati, Fascicula XI, pp.63-70, ISSN 1221-4620, 2012 (revistă categoria B+ CNCSIS –indexat BDI)

**D. Lucrări publicate în ultimii 10 anii în reviste și volume de conferințe cu referenți (neindexate)**

**- Reviste**

1. Constantin, G., Amoraritei, M., "[The study of propulsion performance and calculation of the energy efficiency design index for a 28000 tdw bulk carrier](#)", ARHINAV2017, ISBN 978-973-119-164-2

**- Selecție cu maximum 20 lucrări în volume de conferințe**

- 1.

**E. Brevete obținute în întreaga activitate**

1. -

**Data:**  
01.11.2021

**Semnătura:**





Anexa 4 FV

Nume Prenume: Bidoae Răzvan

Gradul didactic: Conf.dr.ing.

Instituția unde este titular: Universitatea "Dunărea de Jos" din Galați

Facultatea: de Arhitectură Navală

Departamentul: Arhitectură Navală

**L I S T A**

**lucrărilor științifice în domeniul disciplinelor din postul didactic**

**A. Teza de doctorat**

**Bidoae, Răzvan, "Interaction of Free Surface Flow with Solid Obstacles and Porous Media",** Universitatea: Southern Methodis University – Dallas TEXAS, Coordonator: Peter E. Raad-Ph.D; Referenți științifici: Dani Fadda Ph-D, Yildirim Hürmüzlü Ph-D, José L. Lage Ph.D, Douglas A. Reinch Ph-D.

**B. Cărți și capitole în cărți publicate în ultimii 10 ani (2012-2021)**

1. Reguli și Convenții în Arhitectura Navala - suport de curs

2. Offshore Units and Systems – suport de curs

**C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani (2012-2021)**

- *Lucrări indexate ISI-WOS*

- *Lucrări indexate BDI-SCOPUS*

- *Lucrări indexate BDI*

1. Duduta, I., Pacuraru, S., Bidoae, R, *Structural stress evaluation at connection area between the suction arm and the hull for a trailing suction hopper dredger*, The Annals of "Dunarea de Jos" University of Galati, Fascicle XI-Shipbuilding (ISSN 1221-4620), pp.119-122, Galati University Press,

**D. Lucrări publicate în ultimii 10 ani în reviste și volume de conferințe cu referenți (neindexate) (2012-2021)**

-

**E. Brevete obținute în întreaga activitate**

-

**Data: 17.10.2021**

**Semnătura:**

Conf. dr. ing. Răzvan Bidoae



Anexa 4 FV

Nume Prenume: Gasparotti Carmen Marilena

Gradul didactic: Conf. dr. ing. dr. ec.

Instituția unde este titular: universitatea Dunarea de Jos Galați

Facultatea: Arhitectură Navală

Departamentul: Arhitectură Navală

**L I S T A**

**lucrărilor științifice în domeniul disciplinelor din postul didactic**

**A. Teza de doctorat**

**A1.** „Eficiența economică a construcțiilor de nave în România”, domeniul Management, în baza Ordinului Ministrului Educației și Cercetării nr. 3184 din 07.02.2005, conducător științific prof.dr.ec.Nicolae Niculescu, Universitatea „Dunărea de Jos” din Galați, Facultatea de Științe Economice și Administrative, Str. Domnească nr. 47, RO-800008, Galați, România, www.ugal.ro.

**A2.** “Cercetări și contribuții privind creșterea siguranței navigației în Marea Neagră”, domeniul Inginerie Mecanică, în baza Ordinului Ministrului Educației și Cercetării nr. 377 din 15.07.2014, conducător științific prof.dr.ing. Eugen Rusu, Universitatea „Dunărea de Jos” din Galați, Facultatea de Inginerie, Str. Domnească nr. 47, RO-800008, Galați, România, www.ugal.ro.

**B. Cărți și capitole în cărți publicate în ultimii 10 ani**

**B1. Gasparotti Carmen, 2016,** „Modalități de abordare a unor metode și tehnici de management în domeniul naval”, Fundației Universitare „Dunărea de Jos” Publishing House, Galați, ISBN 978-973-627-578-4, 275 pp.

**B2. Gasparotti Carmen, 2016,** „Elemente de management de proiect”, Fundației Universitare „Dunărea de Jos” Publishing House, Galați, ISBN 978-973-627-569-2, 304 pp.

**B3. Gasparotti Carmen, 2015,** „Creșterea siguranței navigației în bazinul Marii Negre”, Fundației Universitare „Dunărea de Jos” Publishing House, Galați, ISBN 978-973-627-550-0, 240 pp.

**B4. Gasparotti Carmen, 2013,** „Management de proiect. Aplicații”, Fundației Universitare „Dunărea de Jos” Publishing House, Galați, ISBN 978-973-627-500-5, 300 pp.

**C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani**

**C1. Turcanu Andra Luciana Marcu, Carmen Gasparotti, Eugen Rusu, 2021.** Green fuels — A new challenge for marine industry. Energy Reports, Volume 7, Supplement 3, pg. 127-132, <https://doi.org/10.1016/j.egy.2021.06.020>, Impact Factor -6,87-AIS-1,035 (Q2) <https://www.sciencedirect.com/journal/energy-reports/issues>

**C2. Catalin Anton, Carmen Gasparotti, Iulia Anton, Eugen Rusu, 2020,** Implementation of a Coastal Management Model at Kinvara Bay in the North Atlantic Ocean, Mar. Sci. Eng., 8(2), 71; <https://doi.org/10.3390/jmse8020071>, pg. 1-15, <https://www.mdpi.com/2077-1312/8/2/71>, WOS:000519244200042- Impact Factor: 2,458-AIS-0,43 (Q3)

**C3. Vasile Rata, Carmen Gasparotti, Liliana Rusu. 2018,** Ballast Water Management in the Black Sea's Ports. Mar. Sci. Eng. 6 (2), 69; <https://doi.org/10.3390/jmse6020069>, WOS000436558500041, Impact Factor: 2,458-AIS-0,43 (Q3)

**C4. Carmen Gasparotti, Liliana Rusu, 2014,** Prediction of the Dynamic Responses for Two Containerships Operating in the Black Sea, Journal of Naval Architecture and Marine Engineering

- (JNAME), vol. 11(1), ISSN 2070-8998, pp. 55-68, <https://www.banglajol.info/index.php/JNAME/issue/view/1137>, WOS:000217326900005 <http://dx.doi.org/10.3329/jname.v11i1.17289>
- C5. Carmen Gasparotti, E. Rusu, 2012**, Methods for the Risk Assessment in Maritime Transportation in the Black Sea Basin, Journal of Environmental Protection and Ecology (JEPE), vol.13, no.3A, pg.1751-1759, ISSN 1311-5065, <http://www.jepe-journal.info/journal-content/vol13-no-3a>, WOS000313926300013- Impact Factor -0,692-AIS-0,05 (Q4)
- C6. Angela Ivan, Carmen Gasparotti, E. Rusu, 2012**, Influence of the Interactions Between Waves and Currents on the Navigation at the Entrance of the Danube Delta, Journal of Environmental Protection and Ecology (JEPE), vol.13, no. 3A, pg. 1673-1682, ISSN 1311-5065, <http://www.jepe-journal.info/journal-content/vol13-no-3a>, WOS000313926300004- Impact Factor -0,692-AIS-0,05 (Q4)
- C7. Carmen Gasparotti, Leonard Domnisoru, 2020**. *Decision making in engineering applications based on analytic hierarchy process*, 20<sup>th</sup> International Multidisciplinary Scientific GeoConference-SGEM 2020, 18-24 August, Albena, Bulgaria, Section Informatics, vol. 20, Iss. 2.1, DOI:10.5593/sgem2020/2.1/s07.014, ISBN 978-619-7603-06-4, pp.103-110 <https://search.proquest.com/openview/a76edd6838c1c4e67eb9704ab9ea4d87/1?pq-origsite=gscholar&cbl=1536338> (Scopus, în curs de indexare WOS)
- C8. Valerian Novac, Eugen Rusu, Carmen Gasparotti, Gheorghe Stavarache, 2020**. Ship routing in the Black Sea based on Dijkstra algorithm, 20<sup>th</sup> International Multidisciplinary Scientific GeoConference-SGEM 2020, 18-24 August, Albena, Bulgaria, Section Informatics, vol. 20, Iss. 2.1, DOI:10.5593/sgem2020/2.1/s07.039, ISBN 978-619-7603-06-4, pp.301-308 <https://search.proquest.com/openview/959082cb03a7f407909b77090a1d262a/1?pq-origsite=gscholar&cbl=1536338> (Scopus, în curs de indexare WOS)
- C9. Ovidiu Mocanu, Carmen Gasparotti, Alexandru Căpățină, Mădălin Darie, 2019**, *Hierarchy of the Investment Projects based on the Multi-Criteria Analysis*, Conference ISI Proceedings Albena, Bulgaria, Environmental Legislation, Multilateral Relations and Funding Opportunities, vol. 19, pp. 465-474, DOI 10.5593/sgem2019/5.4/S23.062 (Scopus, în curs de indexare WOS) <https://www.sgem.org/index.php/call-for-papers/jresearch?view=publication&task=show&id=6337>
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Data: 15.11.2021

Semnătura:





## Anexa 4 FV

Nume Prenume: Pacuraru Florin  
Gradul didactic: Conf.dr.ing.  
Instituția unde este titular: Universitatea "Dunărea de Jos" din Galați  
Facultatea: de Arhitectură Navală  
Departamentul: Arhitectură Navală

**L I S T A****lucrărilor științifice în domeniul disciplinelor din postul didactic****E. Teza de doctorat**

**Păcuraru Florin**, *Contribuții privind modelarea numerică a rezistenței la înaintare a navei prin metoda elementului de frontieră*, Universitatea "Dunărea de Jos" din Galați,; conducător științific Prof.univ.dr.ing. Adrian Lungu; domeniul doctoral Științe Inginerești, Inginerie mecanică - Hidrodinamică navală.

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3. 2020. **Pacuraru, F.**, Domnisoru, L., Pacuraru, S., *On the Comparative Seakeeping Analysis of the Full Scale KCS by Several Hydrodynamic Approaches*, JMSE Journal of Marine Science and Engineering, (<https://www.mdpi.com/journal/jmse>; <https://www.mdpi.com/2077-1312/8/12/962>), Volume 8, Issue 12, Paper No. 962, (ISSN 2077-1312), pp.1-32, Basel (Switzerland), December 2020, MDPI Multidisciplinary Digital Publishing Institute - Academic Open Access Publishing (Factor de impact IF 2,033 / 2019), ISI Journal Publishers (WOS - Web of Science) (WOS:000602093000001, IDS: PJ9QS), Articol clasificat UEFISCDI ISI Galben (categoria Zona Q2, index Science, Poz. 31, 2020) <https://doi.org/10.3390/jmse8120962> (Indexat WOS & SCOPUS)
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14. **Pacuraru, F.**, Presura, A., Bekhit, A., Pacuraru S., Full-scale self-propulsion simulation for an inland catamaran ferry, 19th SGEM International Multidisciplinary Scientific GeoConference EXPO Proceedings, Albena 2019, DOI: 10.5593/sgem2019/4.1/S17.081, (indexat SCOPUS) (Prim autor)

15. Caramatescu, A., **Pacuraru, F.**, Cristea, C., Numerical Simulation of a Cargo Planing Boat with Inverted Keel, International Conferene on Traffic and transport Engineering, Belgrad, Serbia, 2016; WOS:000391016300037 ( indexat WOS & SCOPUS )

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**H. Lucrări publicate în ultimii 10 anii în reviste și volume de conferințe cu referenți (neindexate) (2012-2021)**

- Reviste

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**F. Brevete obținute în întreaga activitate**

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E – Brevete (pentru întreaga activitate)

**Data: 17.10.2021**

**Semnătura:**

Conf. dr. ing. Pacuraru Florin



Anexa 4 FV

Nume Prenume: Păcuraru Săndița

Gradul didactic: Conf.dr.ing.

Instituția unde este titular: Universitatea "Dunărea de Jos" din Galați

Facultatea: de Arhitectură Navală

Departamentul: de Arhitectură Navală

**L I S T A**

**lucrărilor științifice în domeniul disciplinelor din postul didactic**

**I. Teza de doctorat**

**Păcuraru, S.**, 2014, *Risc si fiabilitate pentru structuri marine existente*, Universitatea „Dunărea de Jos” din Galați, O.M. 634/11.11.2014, Coordonator: Acad. Prof. univ. dr. ing., Dr.H.C. Liviu Stoicescu, Referenți științifici: Prof. univ. dr. ing., Dr.H.C. Anton Hadăr, Acad. Prof. univ. dr. ing., Vasile Năstăsescu, Prof.univ.dr.ing. Leonard Domnișoru.

**J. Cărți si capitole în cărți publicate în ultimii 10 ani (2012-2021)**

1. Elemente de Inginerie Oceanică I. Hidromecanica structurilor offshore - suport de curs, 113 pagini, cota 629.5/P11.
2. Elemente de Inginerie Oceanică II. Analiza comportamentului hidrodinamic și structural al navelor și structurilor offshore - suport de curs, 123 pagini, cota 629.5/P11.
3. Păcuraru, S., *Risc si fiabilitate pentru structuri maxime existente*, Editura Fundației Universitare „Dunărea de Jos”, Galați, Romania, pag. 164, ISBN 978-973-627-628-6, <http://www.editura.ugal.ro>, 2019;
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5. Obreja, C.D., Păcuraru S., *Hidrodinamica navelor mici. Indrumar de laborator numeric*, ISBN 978-973-627-567-8 (e-book), Editura Fundației Universitare “Dunărea de Jos” din Galați, 2016;

**K. Lucrări indexate ISI/BDI publicate în ultimii 10 ani (2012-2021)**

**- Lucrări indexate ISI-WOS**

1. Pacuraru, F., Domnisoru, L., Pacuraru, S., *On the Comparative Seakeeping Analysis of the Full Scale KCS by Several Hydrodynamic Approaches*, Journal of Marine Science and Engineering, MDPI Publisher, Volume8, Issue12, Article Number 962, DOI10.3390/jmse8120962, WOS:000602093000001, 2020, IF 2.458 (autor corespondent);
2. Pacuraru, F., Presura, A., Pacuraru, S., *Experimental towing tank tests on high speed displacement ship*, ModTech 2020 8th International Conference - Modern Technologies in



## Anexa 4 FV

Industrial Engineering, IOP Conference Series: Materials Science and Engineering, DOI10.1088/1757-899X/916/1/012080, WOS:000625330000080 (autor corespondent);

3. Pacuraru, S., Pacuraru F., Bekhit, A., *Numerical Analysis of Ship Motions for an Offshore Vessel*, AIP Conference Proceedings, Volume 229324, ISSN 0094243X, ISBN 978-073544025-8 2020, Article 420092, (International Conference on Numerical Analysis and Applied Mathematics 2019, ICNAAM 2019, 23 - 28 September 2019), DOI 10.1063/5.0027329, WOS:000636709500409 (prim autor);

4. Bekhit, A., Pacuraru F., Pacuraru, S., *Hull-Propeller-Rudder Interaction of the JBC Ship Model*, AIP Conference Proceedings, Volume 229324, ISSN 0094243X, ISBN 978-073544025-8 2020, 2020, Article number 420091 (International Conference on Numerical Analysis and Applied Mathematics 2019, ICNAAM 2019, 23- 28 September 2019), DOI 10.1063/5.0027325, WOS:000636709500408 (autor corespondent);

5. Pacuraru, S., Pacuraru, F. Presura, A., *Numerical investigation on fast displacement ship hydrodynamics*, MODERN TECHNOLOGIES IN INDUSTRIAL ENGINEERING VII (MODTECH2019), Book Series IOP Conference Series-Materials Science and Engineering, Volume591, ISSN1757-8981, Article Number 012111, DOI10.1088/1757-899X/591/1/012111, WOS:00056292990011, Proceedings Paper, 2019 (prim autor);

6. Pacuraru, S., Pacuraru, F. Presura, A., *Numerical investigation on fast displacement ship hydrodynamics*, MODERN TECHNOLOGIES IN INDUSTRIAL ENGINEERING VII (MODTECH2019), Book Series IOP Conference Series-Materials Science and Engineering, Volume591, ISSN1757-8981, Article Number012111, DOI10.1088/1757-899X/591/1/012111, WOS:00056292990011, Proceedings Paper, 2019 (prim autor);

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8. Crudu, L., Obreja, D. C. Pacuraru, S., *Evaluation of influences of wind induced forces and moments on the resistance and maneuverability of river ships*, 3rd International Conference on Traffic and Transport Engineering (ICTTE), Proceeding paper, Page250-259 ISBN 978-86-916153-3-8 , WOS:000391016300035 , Belgrad 2016;

**- Lucrări indexate BDI-SCOPUS**

9. Pacuraru, F., Presura, A., Bekhit, A., Pacuraru S., *Full-scale self-propulsion simulation for an inland catamaran ferry*, 19th SGEM International Multidisciplinary Scientific GeoConference EXPO Proceedings, Albena 2019

**- Lucrări indexate BDI**

10. Duduta, I., Pacuraru, S., Bidoae, R., *Structural stress evaluation at connection area between the suction arm and the hull for a trailing suction hopper dredger*, The Annals of "Dunarea de



Anexa 4 FV

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Jos” University of Galati, Fascicle XI-Shipbuilding (ISSN 1221-4620), pp.119-122, Galati University Press, 2017;

11. Pacuraru, S., *Experimental investigation on seakeeping characteristics of an ore carrier in head seas*, Analele Universitatii ‘Dunarea de Jos’, Fascicula XI - Shipbuilding, ISSN 1221 - 4620, 2013;

12. Pacuraru, S., *Prediction of ship response in irregular waves*, Analele Universitatii ‘Dunarea de Jos’, Fascicula XI - Shipbuilding, ISSN 1221 -4620, 2012;

**L. Lucrări publicate în ultimii 10 anii în reviste și volume de conferințe cu referenți (neindexate) (2012-2021)**

-

**G. Brevete obținute în întreaga activitate**

-

**Data: 17.10.2021**

**Semnătura:**

Conf. dr. ing.



Anexa 4 FV

---

Nume Prenume: Teodor Renardo Florin

Gradul didactic: S.L.dr. ing. dr. ec.

Instituția unde este titular: universitatea Dunarea de Jos Galați

Facultatea: Arhitectură Navală

Departamentul: Arhitectură Navală

**L I S T A**

**lucrărilor științifice în domeniul disciplinelor din postul didactic**

**M. Teza de doctorat**

**A1.** „Managementul santierelor navale romanesti”, domeniul Management, în baza Ordinului Ministrului Educației și Cercetării nr. 3876 din 19.05.2004, conducător științific prof.dr.ec.Nicolae Niculescu, Universitatea „Dunărea de Jos” din Galați, Facultatea de Stiinte Economice si Administrative, Str. Domnească nr. 47, RO-800008, Galați, România, www.ugal.ro.

**N. Cărți si capitole în cărți publicate în ultimii 10 ani**

.....

**O. Lucrări indexate ISI/BDI publicate în ultimii 10 ani**

1. “Deformations on the Ship Blocks During Fabrication: Cause and Remedies”, Mohamed Eisay, Teodor Renardo Florin The Annals of “Dunarea de Jos” University of Galati fascicle xi – shipbuilding. ISSN 1221-4620, e-ISSN 2668-3156 2021-
2. Deformations on the Ship Blocks During Fabrication: Cause and Remedies, Mohamed Eisay, Teodor Renardo Florin, GNA 2021:
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## Anexa 4 FV

- Flori Annals of "Dunărea de Jos" University of Galați: Fascicle XI Shipbuilding / Dec.2020:
5. Comparative study of the cutting shape from the reinforced elements on the ship body structure, Mocanu Costel Iulian, Mădălina Cristina Onica, Mădălin Marius Costea, Teodor Renardo FloriGNA 2020:
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  9. „Numerical analysis of the stress that occurs in the crane structure of 325 tf metalna to maneuver the block sections of the ship in the shipyard damen sa galati”: Mocanu Costel Iulian, Mădălina Cristina Onica, Mădălin Marius Costea, Teodor Renardo Florin, Analele Universității „Dunarea de Jos” din Galati, Fascicula XI–Constructii Navale, 2015
  10. ” Hydrostatic test on tanks during the section stage of a ship: the case study of the psv 5000”: Alessandro Martino, Teodor Renardo Florin, Analele Universității „Dunarea de Jos” din Galati, Fascicula XI–Constructii Navale, 2015
  11. „The Apparition and Extension of Cracks in “T” Shaped Composite Structures”, Mocanu, C.I., \_ocu, F., Teodor, R.F., Dobrot\_, T., Vicol, V.A., Analele Universitatii „Dunarea de Jos” din Galati, Fascicula XI –Constructii navale, 2012
  12. „Numerical and Experimental Study of the Behavior of Offshore Platforms Legs During Impact”, Mocanu, C.I., Dobrot, O.M., B\_lan, M., Teodor, R.F., Dobrot\_, T., Analele Universitatii „Dunarea de Jos” din Galati, Fascicula XI – Constructii navale, 2012



Anexa 4 FV

---

13. „The impact behaviour of plane and curved composite material plates with or without reinforcements”, Mocanu, C.I., \_ocu, F., Dobrot, O.M., Teodor R.F., , Proceedings of the 12th International Multidisciplinary Scientific GeoConference SGEM 2012

Data: 15.11.2021

Semnătura:

A handwritten signature in black ink, consisting of several loops and a final flourish.





Anexa 4 FV

Nume Prenume: Găvan Eugen

Gradul didactic: S.I. dr. ing.

Instituția unde este titular: Universitatea „Dunărea de Jos” Galați

Facultatea: Arhitectură Navală

Departamentul: Arhitectură Navală

**L I S T A**

**lucrărilor științifice în domeniul disciplinelor din postul didactic**

**C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani**

**C1.** Bleoju A, **Gavan E**, Mocanu CI, Tudose D-I. Impact of high strength steels over large ships fore peak structure. Annals of "Dunarea de Jos" University of Galati. Fascicle XI Shipbuilding [Internet]. **3Dec.2021** [cited 24Jan.2022]; 44:65-0. Available from:

<https://www.gup.ugal.ro/ugaljournals/index.php/fanship/article/view/4942>

**C2.** Sava N, Moise L, Tudose D-I, Mocanu CI, **Gavan E**. Shapes' optimisation using numerical naval hydrodynamics of a Ro-Ro double ferry with electric propulsion to cross the Danube. Annals of "Dunarea de Jos" University of Galati. Fascicle XI Shipbuilding [Internet]. **3Dec.2021** [cited 24Jan.2022]; 44:79-6. Available from:

<https://www.gup.ugal.ro/ugaljournals/index.php/fanship/article/view/4944>

**C3.** **Gavan E**, Hogas V, Teodor F, Mocanu C. Comparative study of the cutting shape from the reinforced elements on the ship body structure. Annals of "Dunarea de Jos" University of Galati. Fascicle XI Shipbuilding [Internet]. **15Dec.2020** [cited 25Jan.2021]; 43:45-2. Available from:

<https://www.gup.ugal.ro/ugaljournals/index.php/fanship/article/view/4007>

**C4.** Moise L, Albu G, **Gavan E**, Mocanu C. A new icebreaker for inland water concept. Annals of "Dunarea de Jos" University of Galati. Fascicle XI Shipbuilding [Internet]. **15Dec.2020** [cited 25Jan.2021];43:37-4. Available from:

<https://www.gup.ugal.ro/ugaljournals/index.php/fanship/article/view/4005>



Anexa 4 FV

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- C5.** Galatanu L, Darie A, **Gavan E**, Mocanu C. Stress and strain analysis that occurs in the structure of a section and in its lifting installation, during the lifting and turning maneuvers. Annals of "Dunarea de Jos" University of Galati. Fascicle XI Shipbuilding [Internet]. **15Dec.2020** [cited 25Jan.2021]; 43:53-0. Available from: <https://www.gup.ugal.ro/ugaljournals/index.php/fanship/article/view/4008>
- C6.** Hogaș C, Moise LA, Mocanu CI, **Gavan E**. Numerical study using CFD methods of the shapes of a sport boat with the hull made of aluminum. Annals of "Dunarea de Jos" University of Galati. Fascicle XI Shipbuilding [Internet]. **31Dec.2018** [cited 31Jan.2022]; 41:97-02. Available from: <https://www.gup.ugal.ro/ugaljournals/index.php/fanship/article/view/1016>
- C7.** Rață V, **Gavan E**, Păunoiu V. Pre-outfitting of a platform supply vessel in section unit assembly stage. Annals of "Dunarea de Jos" University of Galati, Fascicle V, Technologies in machine building [Internet]. **12Nov.2017** [cited 31Jan.2022];35:67-2. Available from: <https://www.gup.ugal.ro/ugaljournals/index.php/tmb/article/view/1442>
- C8.** Popescu, G., Domnisoru, L., **Gavan, E.**, On the study of the new territories dynamics formation in the Danube Delta, 17th International Multidisciplinary Scientific GeoConference, www.sgem.org, SGEM2017, Hydrology and Water Resouces, Conference Proceedings, ISBN 978-619-7408-04-1 / ISSN 1314-2704, Vol. 17, Issue 31, pp. 477-484, 29 June - 5 July, Albena, Bulgaria, **2017**, (DOI: 10.5593/SGEM2017/31/S12.060), <http://sgemworld.at/sgemlib/spip.php?article9684>  
(follows indexing: ISI & indexed SCOPUS) (co-autor)
- C9.** Păunoiu, V., Marinescu, V., **Găvan, E.**, „*Simulation of T Tubes Hydroforming*”, The Annals of Dunarea de Jos University of Galati, Fasc. V, Technologies in Machine Building, ISSN 1221-4566, pag. 41-48, **2014**, METADEX®, CSA Engineering Research Database, CSA Mechanical & Transportation Engineering Abstracts, CSA Copper Data Center Database



Anexa 4 FV

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**C10.** Păunoiu V., Găvan E., Epureanu Al., „*Optimized Springback Reduction Control Approach in Sheet Metal Forming*”, The Annals of “Dunărea de Jos” University of Galati, Fascicle XI – Shipbuilding, **2012**, pag. 161-166, ISSN 1221-4620 (CNCSIS B+, cod 222, BDI: CSA)

**C11.** Găvan E., Păunoiu V., „*Implementation of Optimized Springback Reduction Control in Multipoint Forming*”, The Annals of “Dunărea de Jos” University of Galati, Fascicle XI – Shipbuilding, **2012**, pag. 221-226, ISSN 1221-4620

**C12.** Păunoiu V., Găvan E., Dimache A., „*Springback Analysis in Reconfigurable Multipoint Forming of Thick Plates*”, The Annals of “Dunărea de Jos” University of Galati, Fascicle V – Technologies in Machine Building, Vol. 2, **2012**, pag. 47-54, ISSN 1221- 4566

**Data: 15.11.2021**

**Semnătura:**

A handwritten signature in blue ink, appearing to be the initials 'GJ' or similar, written over the word 'Semnătura:'.



Anexa 4 FV

Nume Prenume: Maimon Aurel-Dan

Gradul didactic: Șef Lucrări Dr. Ing.

Instituția unde este titular: Universitatea "Dunarea de Jos" din Galați

Facultatea: Facultatea de Arhitectură Navală

Departamentul: Arhitectură Navală

**L I S T A**

**lucrărilor științifice în domeniul disciplinelor din postul didactic**

**A. Teza de doctorat**

1. **Maimon, A.D.**, 2007, *Modelarea comportării cilindrilor de laminor*”- Universitatea Dunărea de Jos Galați, România, “*Teze de Doctorat, anul XVI/nr.1 2010*”, Editura BNR, București, 2012, ISSN 2284-8452, pag.361, <http://www.bibnat.ro/dyn-doc/publicatii/teze/Teze%201%202010.pdf>

**B. Cărți și capitole în cărți publicate în ultimii 10 ani**

1. ---

**C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani**

1. **Maimon, A.D.**, 2012, *Hybrid Laser Arc Welding and its Applications in Shipbuilding*, The Annals Of “Dunarea de Jos” University of Galati Fascicle XI Shipbuilding, Galati University Press 2012, ISSN 1221 - 4620, pag.209-220; [http://www.csa.com/ids70/serials\\_source\\_list.php?db=mehtrans-set-c](http://www.csa.com/ids70/serials_source_list.php?db=mehtrans-set-c) ; [http://www.naoe.ugal.ro/index.php?p=analele\\_universitatii\\_fascicola\\_xi\\_arhives\\_2012](http://www.naoe.ugal.ro/index.php?p=analele_universitatii_fascicola_xi_arhives_2012)
2. **Maimon, A.D.**, 2013, *A brief comparison of ships exhaust gas scrubber systems*, The Annals Of “Dunarea de Jos” University of Galati Fascicle XI Shipbuilding, Galati University Press 2013, ISSN 1221- 4620, pag.137-144; [http://www.csa.com/ids70/serials\\_source\\_list.php?db=mehtrans-set-c](http://www.csa.com/ids70/serials_source_list.php?db=mehtrans-set-c) ; [http://www.naoe.ugal.ro/index.php?p=analele\\_universitatii\\_fascicola\\_xi\\_arhives\\_2013](http://www.naoe.ugal.ro/index.php?p=analele_universitatii_fascicola_xi_arhives_2013)
3. **Maimon, A.D.**, 2013, *The impacts and benefits of eco-friendly river cruises along the Danube on Romanian South-East Region*, The Annals Of “Dunarea de Jos” University of Galati Fascicle XI Shipbuilding, Galati University Press 2013, ISSN 1221- 4620, pag.169-176; [http://www.csa.com/ids70/serials\\_source\\_list.php?db=mehtrans-set-c](http://www.csa.com/ids70/serials_source_list.php?db=mehtrans-set-c) ; [http://www.naoe.ugal.ro/index.php?p=analele\\_universitatii\\_fascicola\\_xi\\_arhives\\_2013](http://www.naoe.ugal.ro/index.php?p=analele_universitatii_fascicola_xi_arhives_2013)
4. **Maimon, A.D.**, 2015, *About the use of aluminium in shipbuilding*, The Annals Of “Dunarea de Jos” University of Galati Fascicle XI Shipbuilding, Galati University Press 2014, ISSN 1221- 4620, pag.123-130; [http://www.csa.com/ids70/serials\\_source\\_list.php?db=mehtrans-set-c](http://www.csa.com/ids70/serials_source_list.php?db=mehtrans-set-c) ; [http://www.naoe.ugal.ro/index.php?p=analele\\_universitatii\\_fascicola\\_xi\\_arhives\\_2015](http://www.naoe.ugal.ro/index.php?p=analele_universitatii_fascicola_xi_arhives_2015)

## Anexa 4 FV

5. **Maimon, A.D.**, 2015, *Applications of the last planner system*, The Annals Of “Dunarea de Jos” University of Galati Fascicle XI Shipbuilding, Galati University Press 2014, ISSN 1221-4620, pag.131-134; [http://www.csa.com/ids70/serials\\_source\\_list.php?db=mechtrans-set-c](http://www.csa.com/ids70/serials_source_list.php?db=mechtrans-set-c) ; [http://www.naoe.ugal.ro/index.php?p=analele\\_universitatii\\_fascicola\\_xi\\_arhives\\_2015](http://www.naoe.ugal.ro/index.php?p=analele_universitatii_fascicola_xi_arhives_2015)
6. **Maimon, A.D.**, 2016, *About corrosion in marine environments*, The Annals Of “Dunarea de Jos” University of Galati Fascicle XI Shipbuilding, Galati University Press 2016, ISSN 1221-4620, pag.111-116; [http://www.csa.com/ids70/serials\\_source\\_list.php?db=mechtrans-set-c](http://www.csa.com/ids70/serials_source_list.php?db=mechtrans-set-c) ; [http://www.naoe.ugal.ro/index.php?p=analele\\_universitatii\\_fascicola\\_xi\\_arhives\\_2016](http://www.naoe.ugal.ro/index.php?p=analele_universitatii_fascicola_xi_arhives_2016)
7. **Maimon, A.D.**, 2016, *Vibration and mounting of ships main engines*, The Annals Of “Dunarea de Jos” University of Galati Fascicle XI Shipbuilding, Galati University Press 2016, ISSN 1221-4620, pag.117-124; [http://www.csa.com/ids70/serials\\_source\\_list.php?db=mechtrans-set-c](http://www.csa.com/ids70/serials_source_list.php?db=mechtrans-set-c) ; [http://www.naoe.ugal.ro/index.php?p=analele\\_universitatii\\_fascicola\\_xi\\_arhives\\_2016](http://www.naoe.ugal.ro/index.php?p=analele_universitatii_fascicola_xi_arhives_2016)
8. **Maimon, A.D.**, 2017, *Underwater laser scanner and its possible applications*, The Annals Of “Dunarea de Jos” University of Galati Fascicle XI Shipbuilding, Galati University Press 2017, ISSN 1221-4620, pag. 95-106; [http://www.csa.com/ids70/serials\\_source\\_list.php?db=mechtrans-set-c](http://www.csa.com/ids70/serials_source_list.php?db=mechtrans-set-c) ; [http://www.naoe.ugal.ro/index.php?p=analele\\_universitatii\\_fascicola\\_xi\\_arhives\\_2017](http://www.naoe.ugal.ro/index.php?p=analele_universitatii_fascicola_xi_arhives_2017)
9. **Maimon, A.D.**, 2017, *Earned value analysis - a proven and evolving methodology*, The Annals Of “Dunarea de Jos” University of Galati Fascicle XI Shipbuilding, Galati University Press 2017, ISSN 1221-4620, pag. 107-118; [http://www.csa.com/ids70/serials\\_source\\_list.php?db=mechtrans-set-c](http://www.csa.com/ids70/serials_source_list.php?db=mechtrans-set-c) ; [http://www.naoe.ugal.ro/index.php?p=analele\\_universitatii\\_fascicola\\_xi\\_arhives\\_2017](http://www.naoe.ugal.ro/index.php?p=analele_universitatii_fascicola_xi_arhives_2017)
10. **Maimon, A.D.**, 2018, *A brief review about floating offshore wind turbines projects*, The Annals Of “Dunarea de Jos” University of Galati Fascicle XI Shipbuilding, Galati University Press 2018, ISSN 1221-4620 (Print) 2668-3156 (Online), pag. 49-62; DOI: <https://doi.org/10.35219/AnnUGalShipBuilding.2018.41.08>
11. **Maimon, A.D.**, 2018, *Metallic offshore platforms – production chronology and future solutions*, The Annals Of “Dunarea de Jos” University of Galati Fascicle XI Shipbuilding, Galati University Press, ISSN 1221-4620 (Print) 2668-3156 (Online), pag. 63-72; DOI: <https://doi.org/10.35219/AnnUGalShipBuilding.2018.41.09>
12. **Maimon A.D.**, 2019 *”Technical aspects of wave-generators systems”*, The Annals of ”Dunarea de Jos” University of Galati. Fascicle XI Shipbuilding [Internet]. 26Nov.2019 [cited 12Jan.2020]; 42:123-30, ISSN 1221-4620 (Print) 2668-3156 (Online), pag.123-130; DOI: <https://doi.org/10.35219/AnnUGalShipBuilding.2019.42.17>
13. **Maimon A.D.**, 2019 *”Various aspects of the exploitation of marine current energy with tidal turbines”*, The Annals of ”Dunarea de Jos” University of Galati. Fascicle XI Shipbuilding Shipbuilding [Internet]. 26Nov.2019 [cited 12Jan.2020]; 42:131-8, ISSN 1221-4620 (Print) 2668-3156 (Online), pag.131-138; DOI: <https://doi.org/10.35219/AnnUGalShipBuilding.2019.42.18>





Anexa 4 FV

14. **Maimon A.D.**, 2020 *"Underwater robotics – technical aspects on autonomous underwater inspection vehicle"*, The Annals of "Dunarea de Jos" University of Galati. Fascicle XI Shipbuilding [Internet]. 15Dec.2020 [cited 23Jan.2021];43:79-8, ISSN 1221-4620 (Print) 2668-3156 (Online), pag.79-88; DOI: <https://doi.org/10.35219/AnnUgalShipBuilding.2020.43.10>
15. **Maimon A.D.**, 2020 *"Floating offshore wind turbines - technology and potential"*, The Annals of "Dunarea de Jos" University of Galati. Fascicle XI Shipbuilding [Internet]. 15Dec.2020 [cited 23Jan.2021];43:89-4, ISSN 1221-4620 (Print) 2668-3156 (Online), pag.89-94; DOI: <https://doi.org/10.35219/AnnUgalShipBuilding.2020.43.11>

**D. Lucrări publicate în ultimii 10 anii în reviste și volume de conferințe cu referenți (neindexate)**

---

**1. Brevete obținute în întreaga activitate**

1. ---

**Data:** 08.11.2021

**Semnătura:**



Anexa 4 FV

---

Nume Prenume: Vișan Daniel  
Gradul didactic: ȘL. dr. ing.  
Instituția unde este titular: Universitatea “Dunărea de Jos” Galați  
Facultatea: Arhitectură navală  
Departamentul: Sisteme și echipamente navale

**L I S T A**  
**lucrărilor științifice în domeniul disciplinelor din postul didactic**

**E. Teza de doctorat**

1. Contribuții privind sudarea pe verticală în câmp de forțe electromagnetice, domeniul Inginerie Mecanică, în baza Ordinului Ministrului Educației și Cercetării nr. 4450 din 02.08.2004, conducător științific prof. dr. ing. Emil Constantin, Universitatea „Dunărea de Jos” din Galați, Facultatea de Inginerie, Str. Domnească nr. 47, RO-800008, Galați, România, www.ugal.ro.

**F. Cărți și capitole în cărți publicate în ultimii 10 ani**

1. Nicușor BAROIU, **Daniel VIȘAN**, Ovidiu Dumitru CIOCAN - HIDROSTATICĂ ȘI PNEUMATICĂ TEHNOLOGICĂ - Îndrumar pentru laborator, Editura Academica, ISBN 978-606-606-007-3, 2018
2. Alexandru IOAN, **Daniel VIȘAN** - INSTALAȚII DE BORD - Curs anul III SEN, Universitatea “Dunărea de Jos” Galați, 2017
3. **VIȘAN Daniel** - TEHNOLOGII DE SUDARE, Editura Fundației Universitare „Dunărea de Jos” Galați, ISBN 978-973-627-430-5

**G. Lucrări indexate ISI/BDI publicate în ultimii 10 ani**

1. Rusu C. C., Constantin C., Birsan D., Mircea O., **Visan D.**, Mistodie L. R., Georgescu B, Scutelnicu E. - Investigation of Temperature Field Generated by the Tandem Submerged Arc Welding Process, Proc. of the Second Intl. Conf. on Advances In Mechanical and Robotics Engineering- AMRE 2014. Copyright © Institute of Research Engineers and Doctors, USA. ISBN: 978-1-63248-031-6 doi: 10.15224/978-1-63248-031-6-152, pag. 64-68.



Anexa 4 FV

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2. D. Birsan, E. Scutelnicu, **D. Visan** - Modeling of Heat Transfer in Pipeline Steel Joint Performed by Submerged Double-ArcWelding Procedure, Advance Material Research, ISSN 1662-8985, DOI 10.4028/www.scientific.net/AMR.8, vol.814, pag. 33-40, 2013

**Data: 15.01.2022**

**Semnătura:**  
A handwritten signature in blue ink, appearing to read 'D. Visan', written over a horizontal line.



Anexa 4 FV

Nume Prenume: Nechita Manuela

Gradul didactic: Șef lucrări dr.ing

Instituția unde este titular: ..Universitatea Dunărea de Jos din Galați..

Facultatea: Arhitectură Navală

Departamentul: Arhitectură Navală

**L I S T A**

**lucrărilor științifice în domeniul disciplinelor din postul didactic**

**A. Teza de doctorat**

Titlul: CONTRIBUȚII PRIVIND INFLUENȚA GEOMETRIEI STRUCTURILOR NAVALE ASUPRA TENSIUNILOR DATORATE SOLICITĂRILOR DE IMPACT, Conducător științific: Prof.dr.ing. Costel Iulian MOCANU, Facultatea de Arhitectură Navală, Universitatea “Dunărea de Jos” din Galați, 2020, domeniul Inginerie Mecanică

**B. Cărți și capitole în cărți publicate în ultimii 10 ani**

1.

**C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani**

**1. WOS:** Balan, M., Lavrente, D., **Nechita, M.**, Muscalu, C., Mocanu, C. I., The plate shape influence over the stress variation under the impact loads, Proceedings of The 16th International Conference Modtech 2012 New Face of T.M.C.R., 24-26 May 2012, Sinaia, Romania, ModTech Publishing House, Volume 2, Pages 69-72, ISSN 2069-6736, **WOS:00039226180018**

**2. WOS:** Popescu, G., **Nechita, M.**, A compared study of the shape plate behaviour under the impact load, Proceedings of The 6th International Conference Modtech 2018, 13-16 Iunie 2018, Constanța, Romania, ModTech Publishing House, Page 163, ISSN 2286-4369, DOI:10.1088/1757-899x/400/4/042048, <http://iopscience.iop.org/volume/1757-899x/400>, **WOS:000461147400120**

**3. WOS:** **Nechita, M.**, Mocanu, C.I., Barge's study under impact loads, Proceedings of The 7th International Conference Modtech 2019, 19-21 Iunie 2019, Iași, Romania, ModTech Publishing House, Page 230, IOP Conf. Series: Materials Science and Engineering 591 (2019) 012109 DOI:10.1088/1757-899X/591/1/012109, **WOS:000562929900109**, <https://iopscience.iop.org/article/10.1088/1757-899X/591/1/012109/pdf>

**4. WOS:** **Nechita, M.**, Popescu G., A comparative study of the barge's geometry under impact loads, Proceedings of The 8th International Conference Modtech 2020, 23-27 Iunie 2020, Iași-Constanța (on-line), Romania, ModTech Publishing House, Page 302, IOP Conference Series: Materials Science and Engineering, 2020, 916(1), 012073, DOI:10.1088/1757-899X/916/1/012073, **WOS: 000625330000073**, <https://iopscience.iop.org/article/10.1088/1757-899X/916/1/012073>

## Anexa 4 FV

**5. BDI: Nechita, M., Popescu, G.,** Study of the shape in ship structure design, The Annals of “Dunarea de Jos” University of Galati, Fascicle XI – Shipbuilding, 2012, Issue 2, Pages 155-160, Editura Fundației universitare “Dunărea de Jos” Galați, ISSN 1221-4620, <https://www.gup.ugal.ro/ugaljournals/index.php/fanship/issue/view/114/Vol%2035%20%282012%29>

**(CSA, WorldCat, DOAJ, Google Scholar)**

**6. BDI: Popescu, G., Nechita, M., Ionescu, A., Popescu, C.,** Study to improve passengers comfort on the open deck, The Annals of “Dunarea de Jos” University of Galati, Fascicle XI – Shipbuilding, 2012, Issue 2, Pages 77-82, Editura Fundației universitare “Dunărea de Jos” Galați, ISSN 1221-4620, <https://www.gup.ugal.ro/ugaljournals/index.php/fanship/issue/view/114/Vol%2035%20%282012%29>, **(CSA, WorldCat, DOAJ, Google Scholar)**

**7. BDI: Nechita, M., Nicolau, V., Teodor, R.F.,** Metallic plate behaviour under impact loads, Scientific Bulletin of the „POLITEHNICA” University of Timișoara, Transaction of HYDROTECHNICS, Tom 58 (72), Fascicolă suplimentară, 2013, Pages 201-204, Editura Politehnica, ISSN 1224-6042, [www.ct.upt.ro/buletinhidro/index.html](http://www.ct.upt.ro/buletinhidro/index.html), **(EBSCO, WorldCat)**

**8. BDI: Nechita, M., Berbinschi, S.,** Evaluation of Computer Aided Design Skills in Engineering Education, Scientific Bulletin of the „POLITEHNICA” University of Timișoara, Romania, Transaction of HYDROTECHNICS, Tom 58(72), Fascicolă suplimentară, 2013, pp. 261-264, Editura Politehnica, ISSN 1224-6042, [www.ct.upt.ro/buletinhidro/index.html](http://www.ct.upt.ro/buletinhidro/index.html), **(EBSCO, WorldCat)**

**9. BDI: Nechita, M., Mocanu, C.I., Popescu, G.,** The influence of shell shape in ship design, Constanța Maritime University Annals, Romania, Year XIV, 19th issue, 2013, Pp.125-128, Editura Nautica, ISSN 1582-3601, [https://cmu-edu.eu/anale/wp-content/uploads/sites/10/2016/01/Abstract\\_Anale\\_vol-19\\_2013.pdf](https://cmu-edu.eu/anale/wp-content/uploads/sites/10/2016/01/Abstract_Anale_vol-19_2013.pdf), (Section II, paper 22), **(EBSCO, WorldCat)**

**10. BDI: Popescu, G., Nechita, M., Mocanu R.A., Modiga, A.,** A study on a floating restaurant’s superstructure ,6th SWS International Scientific Conference on Arts and Humanities ISCAH 2019, Albena, Bulgaria, 26 august-1 sept.2019, ISBN 978- 619-7408-90-4, ISSN 2682-9940, DOI: 10.5593/SWS.ISCAH.2019.1/S21.040, Publisher STEF92 Techology, pag.305- 312, <https://www.elibrary.ru/item.asp?id=42554450>, <http://eprints.mdpu.org.ua/id/eprint/8064/>, <https://www.sgemsocial.org/index.php/jresearch-article?citekey=Popescu201921305312>, <https://www.sgemsocial.org/index.php/peer-review/jresearch?view=publication&task=show&id=3961>

**(WorldCat)**

**Data: 20.01.2022**

**Semnătura:**







Anexa 4 FV

Nume Prenume: Nechita Manuela

Gradul didactic: Șef lucrări dr.ing

Instituția unde este titular: ..Universitatea Dunărea de Jos din Galați..

Facultatea: Arhitectură Navală

Departamentul: Arhitectură Navală

**L I S T A**

**lucrărilor științifice în domeniul disciplinelor din postul didactic**

**A. Teza de doctorat**

Titlul: CONTRIBUȚII PRIVIND INFLUENȚA GEOMETRIEI STRUCTURILOR NAVALE ASUPRA TENSIUNILOR DATORATE SOLICITĂRILOR DE IMPACT, Conducător științific: Prof.dr.ing. Costel Iulian MOCANU, Facultatea de Arhitectură Navală, Universitatea “Dunărea de Jos” din Galați, 2020, domeniul Inginerie Mecanică

**B. Cărți și capitole în cărți publicate în ultimii 10 ani**

1.

**C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani**

**1. WOS:** Balan, M., Lavrente, D., **Nechita, M.**, Muscalu, C., Mocanu, C. I., The plate shape influence over the stress variation under the impact loads, Proceedings of The 16th International Conference Modtech 2012 New Face of T.M.C.R., 24-26 May 2012, Sinaia, Romania, ModTech Publishing House, Volume 2, Pages 69-72, ISSN 2069-6736, **WOS:00039226180018**

**2. WOS:** Popescu, G., **Nechita, M.**, A compared study of the shape plate behaviour under the impact load, Proceedings of The 6th International Conference Modtech 2018, 13-16 Iunie 2018, Constanța, Romania, ModTech Publishing House, Page 163, ISSN 2286-4369, DOI:10.1088/1757-899x/400/4/042048, <http://iopscience.iop.org/volume/1757-899x/400>, **WOS:000461147400120**

**3. WOS:** **Nechita, M.**, Mocanu, C.I., Barge's study under impact loads, Proceedings of The 7th International Conference Modtech 2019, 19-21 Iunie 2019, Iași, Romania, ModTech Publishing House, Page 230, IOP Conf. Series: Materials Science and Engineering 591 (2019) 012109 DOI:10.1088/1757-899X/591/1/012109, **WOS:000562929900109**, <https://iopscience.iop.org/article/10.1088/1757-899X/591/1/012109/pdf>

**4. WOS:** **Nechita, M.**, Popescu G., A comparative study of the barge's geometry under impact loads, Proceedings of The 8th International Conference Modtech 2020, 23-27 Iunie 2020, Iași-Constanța (on-line), Romania, ModTech Publishing House, Page 302, IOP Conference Series: Materials Science and Engineering, 2020, 916(1), 012073, DOI:10.1088/1757-899X/916/1/012073, **WOS: 000625330000073**, <https://iopscience.iop.org/article/10.1088/1757-899X/916/1/012073>



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**5. BDI: Nechita, M., Popescu, G.,** Study of the shape in ship structure design, The Annals of “Dunarea de Jos” University of Galati, Fascicle XI – Shipbuilding, 2012, Issue 2, Pages 155-160, Editura Fundației universitare “Dunărea de Jos” Galați, ISSN 1221-4620, <https://www.gup.ugal.ro/ugaljournals/index.php/fanship/issue/view/114/Vol%2035%20%282012%29>

**(CSA, WorldCat, DOAJ, Google Scholar)**

**6. BDI: Popescu, G., Nechita, M., Ionescu, A., Popescu, C.,** Study to improve passengers comfort on the open deck, The Annals of “Dunarea de Jos” University of Galati, Fascicle XI – Shipbuilding, 2012, Issue 2, Pages 77-82, Editura Fundației universitare “Dunărea de Jos” Galați, ISSN 1221-4620, <https://www.gup.ugal.ro/ugaljournals/index.php/fanship/issue/view/114/Vol%2035%20%282012%29>, **(CSA, WorldCat, DOAJ, Google Scholar)**

**7. BDI: Nechita, M., Nicolau, V., Teodor, R.F.,** Metallic plate behaviour under impact loads, Scientific Bulletin of the „POLITEHNICA” University of Timișoara, Transaction of HYDROTECHNICS, Tom 58 (72), Fascicolă suplimentară, 2013, Pages 201-204, Editura Politehnica, ISSN 1224-6042, [www.ct.upt.ro/buletinhidro/index.html](http://www.ct.upt.ro/buletinhidro/index.html), **(EBSCO, WorldCat)**

**8. BDI: Nechita, M., Berbinschi, S.,** Evaluation of Computer Aided Design Skills in Engineering Education, Scientific Bulletin of the „POLITEHNICA” University of Timișoara, Romania, Transaction of HYDROTECHNICS, Tom 58(72), Fascicolă suplimentară, 2013, pp. 261-264, Editura Politehnica, ISSN 1224-6042, [www.ct.upt.ro/buletinhidro/index.html](http://www.ct.upt.ro/buletinhidro/index.html), **(EBSCO, WorldCat)**

**9. BDI: Nechita, M., Mocanu, C.I., Popescu, G.,** The influence of shell shape in ship design, Constanța Maritime University Annals, Romania, Year XIV, 19th issue, 2013, Pp.125-128, Editura Nautica, ISSN 1582-3601, [https://cmu-edu.eu/anale/wp-content/uploads/sites/10/2016/01/Abstract\\_Anale\\_vol-19\\_2013.pdf](https://cmu-edu.eu/anale/wp-content/uploads/sites/10/2016/01/Abstract_Anale_vol-19_2013.pdf), (Section II, paper 22), **(EBSCO, WorldCat)**

**10. BDI: Popescu, G., Nechita, M., Mocanu R.A., Modiga, A.,** A study on a floating restaurant’s superstructure ,6th SWS International Scientific Conference on Arts and Humanities ISCAH 2019, Albena, Bulgaria, 26 august-1 sept.2019, ISBN 978- 619-7408-90-4, ISSN 2682-9940, DOI: 10.5593/SWS.ISCAH.2019.1/S21.040, Publisher STEF92 Techology, pag.305- 312, <https://www.elibrary.ru/item.asp?id=42554450>, <http://eprints.mdpu.org.ua/id/eprint/8064/>, <https://www.sgemsocial.org/index.php/jresearch-article?citekey=Popescu201921305312>, <https://www.sgemsocial.org/index.php/peer-review/jresearch?view=publication&task=show&id=3961>

**(WorldCat)**

**Data: 20.01.2022**

**Semnătura:**



Anexa 4 FV

Nume Prenume: CRISTEA ANIȘOARA-GABRIELA

Gradul didactic: ȘEF LUCRĂRI

Instituția unde este titular: Universitatea "Dunărea de Jos" din Galați

Facultatea: ARHITECTURĂ NAVALĂ

Departamentul: ARHITECTURĂ NAVALĂ

**L I S T A**

**lucrărilor științifice în domeniul disciplinelor din postul didactic**

**A. Teza de doctorat**

*Contribuții privind optimizarea structurilor de navă*, Universitatea "Dunărea de Jos" din Galați, 2014, conducător științific Prof.univ.dr.ing. Mocanu Costel Iulian, domeniul doctoral Științe Inginerești, Inginerie mecanică.

**B. Cărți și capitole în cărți publicate în ultimii 10 ani**

1. Cristea Anișoara-Gabriela, 2021, "Exploatarea navelor și porturilor. Compendiu și note de curs", Editura Fundației Universitare „Dunărea de Jos” Galați, ISBN: 978-973-627-662-0.
2. Cristea Anișoara-Gabriela, 2021, "Metode numerice. Curs practic", Editura Fundației Universitare „Dunărea de Jos” Galați, ISBN: 978-973-627-660-6.
3. Cristea Anișoara-Gabriela, 2019, " Contribuții privind optimizarea structurilor de navă", Editura Fundației Universitare „Dunărea de Jos” Galați, ISBN: 978-973-627-622-4.

**C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani**

- 1.

**D. Lucrări publicate în ultimii 10 anii în reviste și volume de conferințe cu referenți (neindexate)**

**- Reviste**

- 1 **Cristea, A. G.** and Grosu, A., Cristea, A. G., “*Determination of deformation and indirect stress in the central area by FEM*”, The Annals of „Dunarea de Jos” University of Galati, Fascicle XI - Shipbuilding, Galati University Press, ISSN 1221-4620, pp. 123 - 129, [http://www.csa.com/ids70/serials\\_source\\_list.php?db=mechtrans-set-c;](http://www.csa.com/ids70/serials_source_list.php?db=mechtrans-set-c;)
- 2 **Anisoara ,Gabriela Cristea**, “*Determination of deformations and stress states in the double bottom by MEF*“, Journal Name: IOSR Journal of Engineering (IOSRJEN) ISSN: 2250-3021 Publisher Name: International Organization of Scientific Research Journal Url: [www.iosrjournals.org](http://www.iosrjournals.org) Publishing Model: Open Access Publishing Review Type: Blind Peer Review Process Journal Type: Indexed Refereed Journal Volume No.: 10 Issue No.: 12 Article DOI: 10.9790 <http://iosrjen.org/pages/current-issue.html>, Impact Factor: <http://www.aqj.org/iosrjen.html>
4. **Cristea, A. G.**, Ciulin, D. C., “*The bordure influence with flat - bars around yhe technological cut outs over the stress tension at a oil - tanker ship og 49000 TDW*”, The Annals of „Dunarea de Jos” University of Galati, Fascicle XI - Shipbuilding, Galati University Press, ISSN 1221-4620, [http://www.csa.com/ids70/serials\\_source\\_list.php?db=mechtrans-set-c;](http://www.csa.com/ids70/serials_source_list.php?db=mechtrans-set-c;)

## Anexa 4 FV

5. **Cristea, A. G.**, “*Experimental analyses in static regim on the reduced scale model, of the structure of double bottom*” University of Galati, Fascicle XI - Shipbuilding, Galati University Press, ISSN 1221-4620, [http://www.csa.com/ids70/serials\\_source\\_list.php?db=mechtrans-set-c](http://www.csa.com/ids70/serials_source_list.php?db=mechtrans-set-c);
6. **Cristea, A. G.**, “*Analysis of induced stress occurring under static load in the real - size optimized structure of the double bottom of a chemical tanker of 8000 tdw*”, Constanta Maritime University Annals, Year XI, Vol.23 , ISSN 1582-3601, „Editura Nautica” Publishing House, 2015 (CNCSIS B+), <http://cmu-edu.eu/anale.html>;
7. **Cristea, A. G.**, “*Determination of the stress and deformations through a FEM and Inventor analysis of a truss bar*”, The Annals of “Dunarea de Jos” University of Galati, Fascicle XI-Shipbuilding (ISSN 1221-4620), [http://www.csa.com/ids70/serials\\_source\\_list.php?db=mechtrans-set-c](http://www.csa.com/ids70/serials_source_list.php?db=mechtrans-set-c);
8. **Cristea Anisoara - Gabriela**, Palade Florentina: “*Determination of stress through a static FEM analysis of local resistance in the central area of a chemical tanker of 49000 tdw*”, pp. 89, Proceedings of TEAM 2015, 7 thInternational Scientific and Expert Conference of the International TEAM Society, 14–16th October 2015, Belgrade, Serbia, ISBN 978 – 86 - 7083 – 877 – 2
9. Palade Florentina, **Cristea Anisoara - Gabriela**: “*Stress and buckling analysis for towing hook aft and towing bit aft*”, pp. 101, Proceedings of TEAM 2015, 7 thInternational Scientific and Expert Conference of the International TEAM Society, 14–16th October 2015, Belgrade, Serbia, ISBN 978 – 86 - 7083 – 877 – 2
10. **Cristea, A. G.**, “*Comparative analysis of the optimized and unoptimized double bottom structure*”, Constanta Maritime University Annals, Year XI, Vol.22 , ISSN 1582-3601, pp. 31, „Editura Nautica” Publishing House, 2014 (CNCSIS B+), <http://cmu-edu.eu/anale.html>;
11. **Cristea, A. G.**, Mocanu, C. I., “*Elastic and plastic behaviour of ship structures. Comparisons between optimized and unoptimized structures*”, The Annals of “Dunarea de Jos” University of Galati, Fascicle XI-Shipbuilding (ISSN 1221-4620), pp.27, Galati University Press, 2014 (CNCSIS B+, cod 222, BDI: CSA), <http://www.naoe.ugal.ro>;
12. **Cristea, A.G.**, Mocanu, C.I., 2013, “*Analysis of the endurance strength and calculation of the cumulative damage factor for double bottom structure*”, The Annals of “Dunarea de Jos” University of Galati, Fascicle XI-Shipbuilding (ISSN 1221-4620), pp.85, Galati University Press;
13. **Cristea, A.G.**, Mocanu, C.I., 2012, “*Experimental studies and computer simulation of stress in plates with round corners cuttings*”, International Journal of Modern Manufacturing Technologies ISSN 2067–3604, Vol. IV, No. 1 / 2012, pp. 47;

**- Selecție cu maximum 20 lucrări în volume de conferințe**

1. **Cristea, A. G.** and Grosu, A., Cristea, A. G., “*Determination of deformation and indirect stress in the central area by FEM*”, The Annals of „Dunarea de Jos” University of Galati, Fascicle XI - Shipbuilding, Galati University Press, ISSN 1221-4620, pp. 123 - 129, [http://www.csa.com/ids70/serials\\_source\\_list.php?db=mechtrans-set-c](http://www.csa.com/ids70/serials_source_list.php?db=mechtrans-set-c)

**E. Brevete obținute în întreaga activitate:-****Data:****Semnătura:**

30.10.2021





Anexa 4 FV

Nume Prenume: Jarcă Oana-Mirela

Gradul didactic: Sl. dr. ing

Instituția unde este titular: Universitatea Dunarea de Jos Galati

Facultatea: Arhitectură Navală

Departamentul: Arhitectură Navală

**L I S T A**

**lucrărilor științifice în domeniul disciplinelor din postul didactic**

**F. Teza de doctorat**

A1. **Dobrot Oana-Mirela**, 2013, " *CONTRIBUȚII PRIVIND INFLUENȚA SOLICITĂRILOR VARIABLE CAUZATE DE VALURI ASUPRA STRUCTURILOR OFF-SHORE*", Universitatea „Dunarea de Jos Galati”, Romania.

**G. Cărți si capitole în cărți publicate în ultimii 10 ani**

1. -

**H. Lucrări indexate ISI/BDI publicate în ultimii 10 ani**

**C1.** Mocanu, C.I., Tocu, F., **Dobrot, O. M.**, Teodor, F., The impact behaviour of plane and curved composite material plates with or without reinforcements, International Multidisciplinary, 12th Scientific GeoConference S G E M 2012 "Modern Management of Mine Producing, Geology and Environmental Protection", Volume III, pp. 245-252, ISSN (1314-2704), 17 - 23 June, 2012, Albena, Bulgaria (ISI), <http://www.sgem.org/>.(indexat ISI si Scopus)

**C2.** **Dobrot, O. M.**, Tocu, F., Mocanu, C.I., The influence of the variation of the incidence wave angle of an offshore structure legs, International Multidisciplinary, 12th Scientific GeoConference S G E M 2012 - "Modern Management of Mine Producing, Geology and Environmental Protection", Volume III, pp. 253-260, ISSN (1314-2704), 17 - 23 June, 2012, Albena, Bulgaria (ISI). <http://www.sgem.org/> (indexat ISI si Scopus)

**C3.** **Dobrot, O. M.**, Tocu, F., Mocanu, C.I., Numerical and experimental method to align 2500 tf press columns, Journal of Engineering Studies and Research (JERS) – Volume 18, No. 3, 2012, ISSN 2068-7559, (B+) according to CNCSIS, <http://pubs.ub.ro>.

**C4.** **Dobrot O.M.**, Mocanu C. I., Study on the stress variation in the components of offshore rig legs in various collision situations, The Annals of “Dunărea de Jos” University Of Galați Fascicle V, Technologies in Machine Building, ISSN 1221-4566, 2012. <http://www.cmrs.ugal.ro/TMB/2012.htm>.

**C5.** **Jarca Oana Mirela** “Analysis of a 300HP tug steering gear system in view of upgrading it”, THE ANNALS OF “DUNAREA DE JOS” UNIVERSITY OF GALATI, FASCICLE XI – SHIPBUILDING. ISSN 1221-4620, pg. 219-212, 2015 [http://www.csa.com/ids70/serials\\_source\\_list.php?db=mehtrans-set-c](http://www.csa.com/ids70/serials_source_list.php?db=mehtrans-set-c)

**C6.** **Dobrot O.M.**, Mocanu C. I., Study of the stress state around a crack in welding link between tubular beams, Modern Technologies, Quality and Innovation - New Face of TMCR, 2012, Sinaia, Romania, ISSN 2069-6736, ModTech Publishing House, Universitatea Tehnică –





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Universitatea Tehnică "Gheorghe Asachi" Iași (UTI), 23-26 Mai 2012, Sinaia, Romania (ISI), <http://www.modtech.ro/2012>. (indexat ISI)

**C7.** Tocu, F., **Dobrot, O. M.**, Mocanu, C.I., Determination of deformations in a structure element made of stratified composite materials in dynamic regime, International Multidisciplinary, 12th Scientific GeoConference S G E M 2012 - "Modern Management of Mine Producing, Geology and Environmental Protection" -, Volumul III, pp. 87-94, ISSN (1314-2704), 17 - 23 June, 2012, Albena, Bulgaria (ISI), <http://www.sgem.org/>.(indexat ISI)

**C8.** Dan Dragan, **Jarca Oana-Mirela** „New aspects in the field of ship propulsion shaft technology” THE ANNALS OF “DUNAREA DE JOS” UNIVERSITY OF GALATI FASCICLE XI – SHIPBUILDING. ISSN 1221-4620, 2018, pg.121-126, [http://www.csa.com/ids70/serials\\_source\\_list.php?db=mehctrans-set-c](http://www.csa.com/ids70/serials_source_list.php?db=mehctrans-set-c)

**Data:**

01.11.2021

**Semnătura:**



Anexa 4 FV

---

Nume Prenume: Adrian Presura

Gradul didactic: Sl. dr. ing.

Instituția unde este titular: Universitatea Dunarea de Jos din Galați

Facultatea: Arhitectură Navală

Departamentul: Arhitectură Navală

**L I S T A**

**lucrărilor științifice în domeniul disciplinelor din postul didactic**

**A. Teza de doctorat**

A1. „Stări de solicitare ce apar în structurile neconvenționale ale navelor cu dublu înveliș”, domeniul Inginerie mecanică, în baza Ordinului Ministrului Educației și Cercetării nr. 5701 din 27.12.2017, conducător științific prof.dr.ing. Ionel Chirica, Universitatea „Dunărea de Jos” din Galați, Facultatea de Arhitectura navala, Strada Stiintei nr. 2, 800146, Galati, Romania, [www.ugal.ro](http://www.ugal.ro).

**C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani**

**C1.** Ionas, O., **Presura, A.**, Lupu, B., Investigation regarding the feasibility of a technology for ship assembly in floating conditions, Galati Naval Architecture GNA'13, The Annals of “Dunărea de Jos” University of Galati, Fascicle XI-Shipbuilding (ISSN 1221-4620), pp.161-168, Galati University Press, **2013**

**C2.** **Presura, A.**, Chirica, I., Beznea, E.F., The structural design improvement of a twin-hull ship, CSSD-UDJG'15, The Annals of “Dunărea de Jos” University of Galati, Fascicle IX-Metallurgy and materials science special issue (ISSN 1453-083X), pp.57-61, Galati University Press, **2015**

**C3.** Pacuraru, F., **Presura, A.**, Iorga, S., Propulsive performance improvement of a inland pusher, Galati Naval Architecture GNA'15, The Annals of “Dunărea de Jos” University of Galati, Fascicle XI-Shipbuilding (ISSN 1221-4620), pp.199-204, Galati University Press, **2015**

## Anexa 4 FV

- C4. Presura, A.,** Chirica, I., Beznea, E.F. Design aspects of inland navigation catamarans, Galati Naval Architecture GNA'16, The Annals of "Dunarea de Jos" University of Galati, Fascicle XI-Shipbuilding (ISSN 1221-4620), pp.81-86, Galati University Press, **2016**
- C5. Presura, A.,** Chirica, I., Beznea, E.F., Behavior analysis of a ship structure made out of composite materials, Advanced Materials Research, Vol. 1143, pp. 127-132, Trans Tech Publications, Switzerland, (ISSN 1662-8985), (doi:10.4028/www.scientific.net/AMR.1143.127), UGALMAT **2017**
- C6. Presura, A.,** Numerical Analysis of a Plastic Deformation Composite Panel, MATERIALE PLASTICE, vol. 54, no.3, (ISSN 0025/5289), pp. 527-530, **2017**, Factorul de impact: 1,248, <https://doi.org/10.37358/MP.17.3.4887>
- C7. Presura, A.,** Ionel Chirica, Collision analysis of the unconventional double hull of a ship, World Journal of Engineering and Technology, vol. 5, issue 04, (ISSN 2331-4249, 2331-4222 ), pp. 601-612, **2017**, <https://doi.org/10.4236/wjet.2017.54051>
- C8.** Elena Felicia Beznea, Ionel Chirica, **Presura Adrian**, Ionel Iacob, Composite Solutions for Deck Catamarans, MATERIALE PLASTICE, vol. 55, no.1, (ISSN 0025/5289), pp. 1-4, **2018**, <https://doi.org/10.37358/MP.18.1.4951>
- C9.** Savin Mihaela, **Presura Adrian**, Chirica Ionel. Plastic deformation simulation of steel panels, ITM Web Conf., Volume 29, **2019**, <https://doi.org/10.1051/itmconf/20192902012>
- C10.** Pacuraru F., **Presura A.**, Adham B., Pacuraru S., Full-scale self-propulsion simulation for an inland catamaran ferry, International Multidisciplinary Scientific GeoConference: SGEM, vol. 19, issue 4.1, pp. 633-641, **2019**, [DOI:10.5593/sgem2019/4.1/S17.081](https://doi.org/10.5593/sgem2019/4.1/S17.081)
- C11.** Pacuraru S., Pacuraru F., **Presura A.**, Numerical investigation on a fast displacement ship hydrodynamics, IOP Conference Series: Materials Science and Engineering, vol. 591, issue 1, **2019**, [doi:10.1088/1757-899X/591/1/012111](https://doi.org/10.1088/1757-899X/591/1/012111)



Anexa 4 FV

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- C12.** Chirica I., **Presura A.**, Angheluta C.M., Retrofit solutions for green and efficient inland ships, IOP Publishing: Journal of Physics Conference Series, vol. 1297, issue 1, **2019**, [doi:10.1088/1742-6596/1297/1/012009](https://doi.org/10.1088/1742-6596/1297/1/012009)
- C13.** Savin M., **Presura A.**, Chirica I., Environmental protection using structural analysis of ships, IOP Publishing: Journal of Physics Conference Series, vol. 1297, issue 1, **2019**, [doi:10.1088/1742-6596/1297/1/012015](https://doi.org/10.1088/1742-6596/1297/1/012015)
- C14.** Pacuraru F., **Presura A.**, Pacuraru S., Experimental towing tank tests on high speed displacement ship, IOP Publishing: Materials Science and Engineering, vol. 916, issue 1, **2020**, [doi:10.1088/1757-899X/916/1/012080](https://doi.org/10.1088/1757-899X/916/1/012080)
- C15.** Mihai V., Rusu L., **Presura, A.**, Ventilation of engine rooms in diesel engines ships, Galati Naval Architecture GNA'20, The Annals of "Dunarea de Jos" University of Galati, Fascicle XI-Shipbuilding (ISSN 1221-4620), pp.69-78, Galati University Press, **2020**
- C16.** **Presura, A.** Mihai V., Local structural analysis for container ships, Galati Naval Architecture GNA'20, The Annals of "Dunarea de Jos" University of Galati, Fascicle XI-Shipbuilding (ISSN 1221-4620), pp.59-64, Galati University Press, **2021**

**Data: 28.01.2022**

**Semnătura:**

A handwritten signature in black ink, appearing to read 'Presura', written in a cursive style.



Anexa 4 FV

Nume Prenume: Caramatescu Adrian

Gradul didactic: S.L. dr.ing.

Instituția unde este titular: Universitatea "Dunărea de Jos" din Galați

Facultatea: de Arhitectură Navală

Departamentul: de Arhitectură Navală

**L I S T A**

**lucrărilor științifice în domeniul disciplinelor din postul didactic**

**A. Teza de doctorat**

**Caramatescu, A., •** *Analiza comparativă a structurilor clasice și hibride folosite la ambarcați-uni din PAFS, metode de ușurare a acestora și îmbunătățirea rezistenței la impactul cu valurile*, Universitatea "Dunărea de Jos" din Galați, 12 Mai 2018, O.M. 5474/14.11.2018; conducător științific Prof.univ.dr.ing. Mocanu Iulian Costel; domeniul doctoral Științe Inginerești, Inginerie mecanică; perioada stagiului doctoral 01.10.2014–12.05.2018; Comisia oficială: Prof.dr.ing. Hadar Anton, Prof.dr.ing. Mocanu Iulian Costel, Prof.dr.ing. Pastrama Stefan-Dan, Prof.dr.ing. Birsan Gabriel-Iulian, Prof.dr.ing. Domnisoru Leonard.

**B. Cărți și capitole în cărți publicate în ultimii 10 ani (2012-2021)**

1. 2020. *Analiza comparativă a structurilor clasice și hibride folosite la ambarcați-uni din pafs, metode de ușurare a acestora și îmbunătățirea rezistenței la impactul cu valurile – teza de doctorat*, ISBN 978-973-627-641-5, EDITURA FUNDAȚIEI UNIVERSITARE, "Dunărea de Jos", Galați, 2020

**C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani (2012-2021)**

**- Lucrări indexate ISI-WOS**

1. **Caramatescu, A.,** Mocanu, C.I., Modiga, A. "A New Concept of Composite Material for High Speed Boats", *Revista de Materiale Plastice*, nr 1/2019 ISSN 0025/5289

**- Lucrări indexate BDI**

2. Caramatescu, A., Crudu, L., "Seakeeping Analysis: A Key For The Future Yacht Design", *Analele Universității „Dunărea de Jos“*, Fascicula XI - Shipbuilding, ISSN 1221-4620, 2013;

3. Caramatescu, A., Crudu, L., „Comparative Seakeeping Analysis Of A Class Of Maxy-Yachts”, *Analele Universității „Dunărea de Jos“*, Fascicula XI - Shipbuilding, p. 205-212, ISSN 1221-4620, 2015;

4. Caramatescu, A., Graure, A., „Constructive Solutions For The Widening Of A Planing Boat Made Of Composite Material”, *Analele Universității „Dunărea de Jos“*, Fascicula XI - Shipbuilding, p. 195-198, ISSN 1221-4620, 2015;

5. Prodan, M., Vicol, V.A., Caramatescu, A., Mocanu, C.I., „State of stress in the hull of a boat made from GRP to enhance the resistance of body structure”, *Analele Universității „Dunărea de Jos“*, Fascicula XI - Shipbuilding, p. 125-129, ISSN 1221-4620, 2016;





Anexa 4 FV

6. Caramatescu, A., Mocanu, C.I., “Review Of Composite Materials Applications In Marine Industry” The Annals Of “Dunarea De Jos” University Of Galati Fascicle Xi – Shipbuilding, ISSN 1221-4620, 2019
  7. Caramatescu, A., Mocanu, C.I., “Cfd Simulation Of A Planing Hull”, Proceedings Of The International Conference of Transport and Trade Engineering, Belgrade, ISBN 978-86-916153-3-8, 2018;
  8. Caramatescu, A., Mocanu, C.I., “Experimental And Numerical Evaluation Of Wave Impact Stress On A Composite Boat Hull”, 35th Danubia-Adria Symposium on Advances in Experimental Mechanics, 25-28 September 2018, Sinaia, Romania
  9. Caramatescu, A., Mocanu, C.I., “Experimental And Numerical Evaluation Of Wave Impact Stress On A Composite Boat Hull”, Materials Today: Proceedings 2019
- Caramatescu, A., Mocanu, C.I., Păcuraru, F.D., Jagîte, G., “Estimation of Planing Forces in Numerical and Full Scale Experiment”, Proceedings of The International Maritime Association of the Mediterranean IMAM 2017 ISSN 1221-4620, p. 403-408, 2017

**D. Lucrări publicate în ultimii 10 anii în reviste și volume de conferințe cu referenți (neindexate) (2012-2021)**

- Reviste

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- Selecție cu maximum 20 lucrări în volume de conferințe

**E. Brevete obținute în întreaga activitate**

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E – Brevete (pentru întreaga activitate)

**Data: 17.10.2021**

**Semnătura:**

S.L. dr. ing. Caramatescu Adrian



Anexa 4 FV

---

Nume Prenume: Ungureanu Costel

Gradul didactic: S.L. dr. Ing.

Instituția unde este titular: Universitatea Dunarea de Jos Galați

Facultatea: Arhitectură Navală

Departamentul: Arhitectură Navală

**L I S T A**

**lucrărilor științifice în domeniul disciplinelor din postul didactic**

**A. Teza de doctorat**

1. „*Studii privind curgerea cu suprafața liberă în jurul jonctiunilor*”, domeniul Inginerie Mecanică, în baza Ordinului Ministrului Educației și Cercetării nr. 6245 din 21.12.2020, conducător științific prof.dr.ing. Costel Iulian Mocanu, Universitatea „Dunărea de Jos” din Galați, Facultatea de Arhitectura navala, Str. Domnească nr. 47, RO-800008, Galați, România, [www.ugal.ro](http://www.ugal.ro).

**B. Cărți și capitole în cărți publicate în ultimii 10 ani**

1. Ceangă, V., Mocanu C.I., **Ungureanu, C.**, „*Instalații navale de bord*”, Editura didactică și pedagogică, București, 2017; ISBN 978-606-31-0353-7

**C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani**

1. **Ungureanu, C.**, „*Numerical investigations of the free surface flow around a surface piercing hydrofoil*”, Annals of "Dunarea de Jos" University Galati. Fascicle XI, Shipbuilding, 2021;
2. **Ungureanu, C.**, Mocanu C.I., „*Influence of the hydrofoil inclination angle at free surface flow around junctions*”, Annals of "Dunarea de Jos" University Galati. Fascicle XI, Shipbuilding, 2020;
3. **Ungureanu, C.**, Mocanu C.I., „*Verification and validation study for a hydrofoil mounted on a plate*”, Annals of "Dunarea de Jos" University Galati. Fascicle XI, Shipbuilding, 2020;
4. **Ungureanu, C.**, Mocanu C.I., „*Wing-body junctions in ship hydrodynamics*”, Annals of "Dunarea de Jos" University Galati. Fascicle XI, Shipbuilding, pp. 139-146, 2019;
5. **Ungureanu, C.**, Marcu, O., Ionas, O., „*Energy efficiency in ship design*”, Annals of



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"Dunarea de Jos" University Galati. Fascicle XI, Shipbuilding, pp. 61-68, 2013;

6. Danoh, K., Ungureanu, C., Lungu, A., "Numerical investigations on the flow around an ellipsoidal ROV body", Annals of "Dunarea de Jos" University Galati. Fascicle XI, Shipbuilding, pp. 189-194, 2013;

7. Ungureanu, C., „Experimental Uncertainty for the Galati University Towing Tank Tests with Example for NACA 0012 Surface Piercing Hydrofoil”, Annals of "Dunarea de Jos" University Galati. Fascicle XI, Shipbuilding, pp. 133-140, 2012;

8. Ungureanu, C., „Verification and Validation Exercise for the Flow over a Flat Plate”, Annals of "Dunarea de Jos" University Galati. Fascicle XI, Shipbuilding, pp. 189-196, 2012;

9. Tuan, V.M., Lungu, A., Ungureanu, C., „Numerical Simulation of the 3D Flow around an Inclined Circular Cylinder Mounted on a Curved Plate”, Annals of "Dunarea de Jos" University Galati. Fascicle XI, Shipbuilding, pp. 5-12, 2012;

**D. Lucrări publicate în ultimii 10 anii în reviste și volume de conferințe cu referenți (neindexate)**

**- Reviste**

1. ....

**- Selecție cu maximum 20 lucrări în volume de conferințe**

1. ....

**1. Brevete obținute în întreaga activitate**

1. ....

**Data: 15.11.2021**

**Semnătura:**



Nume Prenume: BOSOANCĂ RADU

Gradul didactic: Asist. drd. ing.

Instituția unde este titular: Universitatea Dunărea de Jos Galați

Facultatea: Arhitectură Navală

Departamentul: Arhitectură Navală

## L I S T A

### lucrărilor științifice în domeniul disciplinelor din postul didactic

#### A. Lucrări indexate ISI/BDI publicate în ultimii 10 ani

C1. Crudu, L., **Bosoancă, R.**, & Obreja, D. (2020). A comparative review of the resistance of a 37,000 dwt Chemical Tanker based on experimental tests and calculations. *Technium: Romanian, Journal of Applied Sciences and Technology*, Vol. 1, 59-66. <https://doi.org/10.47577/technium.v1i.32>;

C2. **Radu Bosoancă**, Vasile Bria, Claudiu Mereuță, Adrian Cîrciumaru\*, Iulian-Gabriel Bîrsan, Tensile Analysis of Fabric Reinforced Materials, *Materiale Plastice*, Vol. 56, nr. 4, pp. 705-714, 2019, ISSN 0025-5289, <https://doi.org/10.37358/MP.19.4.5257> , Accession Number: WOS:000509920700007, (FI=1,517);

C3. V. Stefanescu, A. Boboc, A. Cojan, **R. Bosoanca**, C. Muntenita, M. Bunea, The Thermal Behavior of Hybrid Fabric Reinforced Composites with Stratified Filled Epoxy Matrix. *Materiale Plastice*, vol. 55, no. 2, pp. 161-167, 2018, ISSN 0025-5289, <https://doi.org/10.37358/MP.18.2.4986> , Accession Number WOS:000444147100006, (FI=1,248);

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C5. M. Bunea, **R. Bosoanca**, C. Eni, N. Cristache, V. Stefanescu, The Impact Characteristics of Fabric Reinforced Hybrid Composites. *Materiale Plastice*, vol. 54, no. 2, pp. 286-290, 2017, ISSN 0025-5289, <https://doi.org/10.37358/MP.17.2.4834> , Accession Number WOS:000408702100019;

C6 M. Dimofte, M. Bunea, A. Capatina, A. Cojan, **R. Bosoanca**, A. Cîrciumaru, Tensile and Bending Analysis of Fabric Reinforced Graded Epoxy Composites, *Materiale Plastice*, vol. 54, no. 2, pp. 362-367, 2017, ISSN 0025-5289, <https://doi.org/10.37358/MP.17.2.4852> , Accession Number WOS:000408702100037;

C7. I Bălan, **R Bosoancă**, A Căpățină, I Graur, V Bria, C Ungureanu, A study regarding friction behaviour of lysine and isoleucine modified epoxy matrix, 13th International Conference on Tribology (ROTRIB'16) Book Series: IOP Conference Series-Materials Science and

## Anexa 4 FV

Engineering Volume: 174 Article Number: UNSP 012023 Published: 2017, Accession Number WOS:000399753500023, (FI=0,32); Link articol: <http://iopscience.iop.org/article/10.1088/1757-899X/174/1/012023>

C8. Iulia Graur, Ioan Bosoancă, **Radu Bosoancă**, Marius Bodor, Adrian Cîrciumaru, Thermal Analysis of Ionic Substances Doped Epoxy, Revista de Chimie, ISSN 0034-7752, vol.66. nr.11, pp.1759- 1762, 11.2015, Accession Number WOS:000368213500009, (FI=0,956); Link articol: <http://bch.ro/pdfRC/GRAUR%20I.pdf%2011%2015.pdf>

C9. M. Bunea, I. Bosoancă, **R. Bosoancă**, M. Bodor, A. Cîrciumaru, Bending and Compressive Properties of Fabric Reinforced Composites, Revista Materiale Plastice, ISSN 0025-5289 vol. 52, nr. 3/2015, Accession Number WOS:000362382300021, (FI=0,903); Link articol: <http://www.revmaterialeplastice.ro/pdf/BUNEA%20M.pdf%203%2015.pdf>

C10. Rodica Chihai, Mihaela Gorovei, **R. Bosoancă**, S. M. Drăghici, A. Cîrciumaru, Effect of inorganic agents on the tribologic behavior of epoxy resins, Poster presentation. The 10<sup>th</sup> International Conference BALTRIB'2019, Vytautas Magnus University 14–16 November 2019. <https://10times.com/international-conference-baltrib>;

C11. T. Girnet, I. Țicau, I. Paduraru-Graur, **R. Bosoancă**, I.-G. Bîrsan, A TRIBOLOGICAL ANALYSIS OF RESINS MIXTURES, Poster presentation. The 10<sup>th</sup> International Conference BALTRIB'2019, Vytautas Magnus University 14–16 November 2019. <https://10times.com/international-conference-baltrib>;

C12. Cîrciumaru, A., Bîrsan, I. G., Graur, Iulia, **Bosoancă, R.**, Tribological Analysis of Aminoacids Modified Epoxy Resins, BalkanTRIB'17, 9<sup>th</sup> International Conference on Tribology, 13-15 septembrie 2017, Cappadocia, Turkey;

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C14. Ioan Bosoanca, **Radu Bosoanca**, Iulia Graur, Ionut Mihalache, Marius Bodor, Adrian Cîrciumaru, Vasile Bria, Properties of Organic Diluted Epoxy Matrix, FIT 2015 Proceedings, ISBN 978-619- 167-178-6, 2015; Link (articol):

[https://www.researchgate.net/publication/282211535\\_Properties\\_of\\_Organic\\_Diluted\\_Epoxy\\_Matrix](https://www.researchgate.net/publication/282211535_Properties_of_Organic_Diluted_Epoxy_Matrix)

C15. Iulia Graur, I Bosoanca, **R. Bosoanca**, A. Cîrciumaru, I. Mihalache, M. Bodor 2015, Effect of UltraSonication On Some Properties of Ionic Substances Doped Epoxy, “The 26th Annual International SICOMP CONFERENCE on Manufacturing and Design of composites”, Sweden, Gothenburg June 1-2, 2015; Link (articol): [https://www.researchgate.net/publication/282211530\\_Effect\\_of\\_UltraSonication\\_on\\_Some\\_Properties\\_of\\_Ionic\\_Substances\\_Doped\\_Epoxy](https://www.researchgate.net/publication/282211530_Effect_of_UltraSonication_on_Some_Properties_of_Ionic_Substances_Doped_Epoxy)

C16. Mihai Botan, Ioan Bosoanca, **Radu Bosoanca**, Iulia Graur, Ionut Mihalache, Marius Bodor, Abrasive wear of salts doped epoxy composites, 11th International Conference on Tribology, BULTRIB'15, 11-13 septembrie, Sozopol, Bulgaria, 2015; Link (articol):



[https://www.researchgate.net/publication/284718177\\_Abrasive\\_Wear\\_of\\_Salts\\_Doped\\_Epoxy\\_Composites](https://www.researchgate.net/publication/284718177_Abrasive_Wear_of_Salts_Doped_Epoxy_Composites)

C17. I. Bosoanca, **R. Bosoanca**, G. Mihiu, M. Bodor, C. Muntenita, I. Mihalache, I. Graur, C. Ungureanu, A. Circiumaru, V. Bria, Tribological behaviour of in situ nanostructured polymers, VIII International conference BALTRIB' 2015, 26-27 November 2015, Akademija, Kaunas, Lithuania; Link (articol): <http://www.baltrib.info/pdf/BALTRIB-2015-programme.pdf>

C18. M. Bunea, I. Bosoanca, **R. Bosoanca**, G. Mihiu, M. Bodor, C. Muntenita, I. Graur, C. Ungureanu, A. Circiumaru, V. Bria, Tribological behaviour of stratified composites, VIII International conference BALTRIB' 2015, 26-27 November 2015, Akademija, Kaunas, Lithuania; Link (articol): <http://www.baltrib.info/pdf/BALTRIB-2015-programme.pdf>

C19. Mihai Gingărașu, Elena Mereuță, Valentin-Tiberiu Amorțilă, Costel Humelnicu, **Radu Bosoancă**, Diagnosis of Vehicle Steering Systems Using Vibration Analysis of Component Parts, Scientific Conference of Doctoral Schools – Perspectives and challenges in doctoral research, SCDS-UDJG 2019, The Seventh Edition, Galați, 13th-14th of June 2018, S.1.: Advanced research in mechanical and industrial engineering, prezentare poster nr. OP.1.11.

Link: <http://www.cssd-udjg.ugal.ro/index.php/2019/abstracts-2019>

C20 I. Bosoanca, **R. Bosoanca**, I. Graur, A. Circiumaru Ion doped epoxy resin, la UGAL INVENT, Research and Innovation Exhibition, Dunarea de Jos University of Galati, România, 8 – 10 October 2014; Link (program): <http://www.invent.ugal.ro/2014Invent/catalogue.html>

C21. Bosoanca I., Pirvulescu R., **Bosoanca R.**, New rules in marine pollution field; the annals of “Dunarea de Jos” University of Galati, Fascicle XI – shipbuilding. ISSN 1221-4620,2013;

Link: <http://www.naoe.ugal.ro/facultate/pdf/annals/anale2013.pdf>

**C22. Bosoanca R.**, Crudu L., Influence of aft modifications on manoeuvrability characteristics of a tanker based on full scale trials; the annals of “Dunarea de Jos” University of Galati, Fascicle XI – shipbuilding. ISSN 1221-4620,2013;

Link: <http://www.naoe.ugal.ro/facultate/pdf/annals/anale2013.pdf>

C23. Bosoanca I., Pirvulescu R., **Bosoanca R.**, Experimental research regarding power saving using novel additional system for ships with full form; the annals of “Dunarea de Jos” University of Galati, Fascicle XI – shipbuilding. ISSN 1221-4620,2013;

Link: <http://www.naoe.ugal.ro/facultate/pdf/annals/anale2013.pdf>

C24. I. Bosoancă, R. Pîrvulescu, L. Moraru, **R. Bosoancă**, Contributions to reduce the vibrations onboard ships using additional systems, The Annals Of “Dunarea De Jos” University of Galati Fascicle Xi – Shipbuilding, pp125-131. ISSN 1221-4620, 2008





Anexa 4 FV

Nume Prenume: Bekhit Adham

Gradul didactic: Asistent.

Instituția unde este titular: universitatea Dunarea de Jos Galați

Facultatea: Arhitectură Navală

Departamentul: Arhitectură Navală

**L I S T A**

**lucrărilor științifice în domeniul disciplinelor din postul didactic**

**A. Teza de doctorat**

**A1.** „Simularea numerică a performanțelor hidrodinamice ale corpului navei”, domeniul Inginerie Mecanică, în baza Ordinului Ministrului Educației și Cercetării nr. 5999 din 30.12.2021, conducător științific prof.dr.ing. Popescu Florin, Universitatea „Dunărea de Jos” din Galați, Facultatea de Inginerie, Str. Domnească nr. 47, RO-800008, Galați, România, www.ugal.ro.

**B. Lucrări indexate ISI/BDI publicate în ultimii 10 ani**

**B1. Bekhit A.,** Popescu F. 2021, *URANSE-Based Numerical Prediction for the Free Roll Decay of the DTMB Ship Model*. Journal of Marine Science and Engineering. 2021; **9(5):452**. DOI10.3390/jmse9050452. WOS:000662367200001; Impact Factor: 2.458, (Q3)  
<https://doi.org/10.3390/jmse9050452>.

**B2. Bekhit A.,** Lungu A., 2018, *Numerical Simulation of the Hydrodynamic Ship Performance*, Proceedings of the 1<sup>st</sup> International Conference on the Intelligent Transport System, INTSYS 2017, 29–30 November, Hyvinkää, Finland, published in Lecture Notes of the Institute for Computer Science, Social Informatics and Telecommunication Engineering, pp. 120-129. DOI: 10.1007/978-3-319-93710-6\_14, **WOS:000656446200014**,  
[https://link.springer.com/chapter/10.1007%2F978-3-319-93710-6\\_14](https://link.springer.com/chapter/10.1007%2F978-3-319-93710-6_14)

**B3. Bekhit A.,** 2018, *Numerical Simulation of The Ship Self-propulsion Prediction using Body Force Method and Fully Discretized Propeller Model*, Proceedings of the 6<sup>th</sup> Modern Technology in Industrial Engineering Conference, MODTECH 2018, 13–16 June, Constanța, Romania. IOP Conference Series: Materials Science and Engineering **400(2018)** 042004. DOI: 10.1088/1757-899X/400/4/042004, **WOS:000461147400076**,

<http://iopscience.iop.org/article/10.1088/1757-899X/400/4/042004/pdf>

**B4. Bekhit A.**, 2018, Unsteady RANSE Simulation for Ship Resistance, Heave and Pitch in Regular Head Waves, Proceedings of the 6th Modern Technology in Industrial Engineering Conference, MODTECH 2018, 13–16 June, Constanța, Romania. IOP Conference Series: Materials Science and Engineering 400(2018) 082004. DOI: 10.1088/1757-899X/400/8/082004, WOS:000461147400184, <http://iopscience.iop.org/article/10.1088/1757-899X/400/8/082004/pdf>

**B5. Bekhit A.**, Lungu A., 2018, *A Viscous Flow Simulation around a Fully Appended Ship Hull by Using a Finite Volume Technique*, Proceedings of the International Conference on Traffic and Transport Engineering, ICTTE Belgrade 2018, 27–28 September, Belgrade, Serbia. pp. 325-332, ISBN:978-86-916153-4-5, WOS:000542956800043, [http://ijtte.com/uploads/news\\_files/Proceedings%202018%20final.pdf](http://ijtte.com/uploads/news_files/Proceedings%202018%20final.pdf)

**B6. Bekhit A.**, Lungu A., 2018, *Numerical Study of the Resistance, Free-Surface and Self-Propulsion Prediction of the KVLCC2 Ship Model*, Proceedings of the International Conference on Traffic and Transport Engineering, ICTTE Belgrade 2018, 27–28 September, Belgrade, Serbia. pp. 333-340, ISBN:978-86-916153-4-5, WOS:000542956800044, [http://ijtte.com/uploads/news\\_files/Proceedings%202018%20final.pdf](http://ijtte.com/uploads/news_files/Proceedings%202018%20final.pdf)

**B7. Bekhit A.**, Lungu A., 2018, *Simulation of the POW Performance of the JBC Propeller*, Proceedings of the 16<sup>th</sup> International Conference on Numerical Analysis and Applied Mathematics, ICNAAM 2018, 13–18 September, Rhodes, Greece. American Institute of Physics, AIP Conference Proceedings, **2216**, 450007 (2019). DOI: 10.1063/1.5114474, WOS:000521108600455, <https://aip.scitation.org/doi/10.1063/1.5114474>

**B8. Bekhit A.**, Lungu A., 2018, *Numerical Free Roll Decay Prediction for the DTMB Hull*, Proceedings of the 16<sup>th</sup> International Conference on Numerical Analysis and Applied Mathematics, ICNAAM 2018, 13–18 September, Rhodes, Greece. American Institute of Physics, AIP Conference Proceedings, **2216**, 450050 (2019). DOI: 10.1063/1.5114517, WOS:000521108600497, <https://aip.scitation.org/doi/abs/10.1063/1.5114517>

**B9. Bekhit A.**, Lungu A., 2019, *Numerical Simulation for Predicting Ship Resistance and Vertical Motions in Regular Head Waves*, Proceedings of the ASME 2019, 38th International Conference on Ocean, Offshore and Arctic Engineering – OMAE 2019, 9–14 June, Glasgow, Scotland, UK, OMAE2019-95237. DOI: 10.1115/OMAEE2019-95237, WOS:000513070800009, <https://asmedigitalcollection.asme.org/OMAEE/proceedings-abstract/OMAEE2019/58776/V002T08A009/1067538>

**B10. Bekhit A.,** Lungu A., 2019, *URANSE Simulation for the Seakeeping of the KVLCC2 Ship Model in Short and Long Regular Head Waves*, Proceedings of the 7<sup>th</sup> Modern Technology in Industrial Engineering Conference, MODTECH 2019, 17–20 June, Iași, România, IOP Conference Series: Material Science Engineering. **591(2019)** 012102. DOI: 10.1088/1757-899X/591/1/012102, **WOS:000562929900102**,  
<https://iopscience.iop.org/article/10.1088/1757-899X/591/1/012102/meta>

**B11. Bekhit A.,** Păcuraru F., Păcuraru S. 2019, *Hull-Propeller-Rudder Interaction of the JBC Ship Model*, Proceedings of the 17<sup>th</sup> International Conference on Numerical Analysis and Applied Mathematics, ICNAAM 2019, 23 – 28 September 2019, Rhodes, AIP Conference Proceedings 2293, 420091 (2020); DOI:10.1063/5.0027325, **WOS:000636709500408**,  
<https://doi.org/10.1063/5.0027325>

**B12. Păcuraru F., Păcuraru S. Bekhit A. S.** 2019, *Numerical Analysis of Ship Motions for an Offshore Vessel*, Proceedings of the 17<sup>th</sup> International Conference on Numerical Analysis and Applied Mathematics, ICNAAM 2019, 23 – 28 September 2019, Rhodes, AIP Conference Proceedings 2293, 420092 (2020); DOI: 10.1063/5.0027329, WOS:000636709500409,  
<https://doi.org/10.1063/5.0027329>.

**B13. Bekhit A.,** Obreja D., 2020, *Numerical and Experimental Investigation on the Free-surface Flow and Total Resistance of the DTMB Surface Combatant* Proceedings of the 8<sup>th</sup> International Conference on Modern Technology in Industrial Engineering, MODTECH 2020, 23–27 June, online edition, România, IOP Conference Series: Material Science Engineering. 916 (2020), 012008; DOI:10.1088/1757-899X/916/1/012008, WOS:000625330000008,  
<https://iopscience.iop.org/article/10.1088/1757-899X/916/1/012008>.

**B14. Bekhit A.,** Popescu F., 2020, *Local Flow Assessment of the Japan Bulk Carrier using Different Turbulence Models* Proceedings of the 9<sup>th</sup> International Conference on Modern Technology in Industrial Engineering, MODTECH 2021, 23–26 June, online edition, România, IOP Conference Series: Material Science Engineering. 1182 (2021) 012004, DOI:10.1088/1757-899X/1182/1/012004,  
<https://iopscience.iop.org/article/10.1088/1757-899X/1182/1/012004>

**B15. Bekhit A.,** Popescu F., 2020, *Numerical Investigation of the Shallow Water Effect on the Total Resistance, Vertical Motion and Wave Profile of a Container Ship Model* Proceedings of the 9<sup>th</sup> International Conference on Modern Technology in Industrial Engineering, MODTECH 2021, 23–26 June, online edition, România, IOP Conference Series: Material Science Engineering, 1182 (2021) 012005. DOI:10.1088/1757-899X/1182/1/012005,  
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Anexa 4 FV

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**B16.** Păcuraru F., Presura A., **Bekhit A.**, Păcuraru S., 2019, “*Full-Scale Self-Propulsion Simulation for an Inland Catamaran Ferry*”, Proceedings of the 19<sup>th</sup> International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM 2019, 30 June – 6 July, Varna, Bulgaria, SGEM 19(4.1), pp. 633-641. DOI: 10.5593/sgem2019/4.1/S17.081, <https://www.sgem.org/index.php/elibrary?view=publication&task=show&id=5886>

**B1. Bekhit, A. S.**, Lungu, A., 2017, *Verification and Validation Study for the Total Ship Resistance of the DTMB 5415 Ship Model. Annals of Dunarea de Jos University of Galati, Fascicle XI – Ship Building*, pp. 53-60, (**Cambridge Scientific Abstracts, Directory Open Access Journal (DOAJ), Google Scholar, Worldcat.org [OLC], Genamics JournalSeek, Romanian Editorial Platform SCIPIO**)

<http://www.gup.ugal.ro/ugaljournals/index.php/fanship/article/view/1061/1276>

**Data: 15.11.2021**

**Semnătura:** 



## Anexa 4 FV

Nume Prenume: Perijoc Dumitru-Silviu

Gradul didactic: Asistent universitar

Instituția unde este titular: Universitatea "Dunărea de Jos" din Galați

Facultatea: de Arhitectură Navală

Departamentul: de Arhitectură Navală

## L I S T A

## lucrărilor științifice în domeniul disciplinelor din postul didactic

## A. Teza de doctorat

## B. Cărți și capitole în cărți publicate în ultimii 10 ani (2012-2021)

## C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani

**- Lucrări indexate ISI-WOS**

1. Chirica, I., Angheluta, C. M., **Perijoc, S. D.**, Hobjilă, A. I., & Frătita, M. (2019). Mesh independence of a transient multiphase fluid-solid interaction. In *Journal of Physics: Conference Series* (Vol. 1297). <https://doi.org/10.1088/1742-6596/1297/1/012026> code 153547 ISSN 17426588

2. **Perijoc, D. S.**, Domnisoru, L., & Angheluta, C. M. (2021). Structural strength evaluation of a 3000 dwt river-barge, under oblique quasi-static design waves. In *Proceedings of the 9th Modern Technology in Industrial Engineering Conference, MODTECH 2021, 23-26 June, Online, Romania*. IOP Conf. Ser.: Mater. Sci. Eng. 1182 012059

**- Lucrări indexate BDI**

3. Pacuraru, S., & **Perijoc, D.-S.** (2015). Seakeeping assessment for a 12000tdw oil tanker. *ANNALS OF "DUNAREA DE JOS" UNIVERSITY OF GALATI FASCICLE XI – SHIPBUILDING. ISSN 1221-4620, 163–166.*

4. **Perijoc, D. S.**, & Domnișoru, L. (2019). On 3D-FEM analysis of a 9000 tdw tanker global eigen vibration modes. *Analele Universității "Dunărea de Jos" Din Galați. Fascicula XI, Construcții Navale/ Annals of "Dunărea de Jos" of Galati, Fascicle XI, Shipbuilding, 42, 41–46.* <https://doi.org/10.35219/annugalshipbuilding.2019.42.06> <https://www.gup.ugal.ro/ugaljournal/s/index.php/fanship/article/view/2177>

5. Angheluță, C.-M., **Perijoc, S.**, & Presura, A. (2019). Retrofitting of Danube vessels for a green and efficient fleet. *Analele Universității "Dunărea de Jos" Din Galați. Fascicula XI, Construcții Navale/ Annals of "Dunărea de Jos" of Galati, Fascicle XI, Shipbuilding, 42, 175–182.* <https://doi.org/10.35219/annugalshipbuilding.2019.42.24> <https://www.gup.ugal.ro/ugaljournal/s/index.php/fanship/article/view/2506>

6. **Perijoc, D. S.**, Domnișoru, L., & Angheluta, C. M. (2020). Impact analysis tests using Femap Advanced Explicit Dynamic solver. *Analele Universității "Dunărea de Jos" Din Galați. Fascicula XI, Construcții Navale/ Annals of "Dunărea de Jos" of Galati, Fascicle XI, Shipbuilding, 43, 117–121.* <https://doi.org/10.35219/annugalshipbuilding.2020.43.15>



Anexa 4 FV

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**D. Lucrări publicate în ultimii 10 anii în reviste și volume de conferințe cu referenți (neindexate) (2012-2021)**

- Reviste  
-----

- Selecție cu maximum 20 lucrări în volume de conferințe  
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**E. Brevete obținute în întreaga activitate**  
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E – Brevete (pentru întreaga activitate)

**Data: 05.11.2021**

**Semnătura:**



Anexa 4 FV

---

Nume Prenume: Mihai Victor

Gradul didactic: doctorand, asistent cercetare

Instituția unde este titular: Universitatea Dunarea de Jos Galați

Facultatea: Arhitectură Navală

Departamentul: Arhitectură Navală

**L I S T A**

**lucrărilor științifice în domeniul disciplinelor din postul didactic**

**A. Teza de doctorat**

**B. Cărți și capitole în cărți publicate în ultimii 10 ani**

**C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani**

**C1.** Articol publicat in Fascicle XI, The Annals of “Dunarea de Jos” University of Galati- “Local structural analysis for container ships”  
<https://doi.org/10.35219/AnnUgalShipBuilding/2021.44.09>

**C2.** Articol publicat in Inventions 2021, 6(3),55, “An Overview of the Ship Ventilation Systems and Measures to Avoid the Spread of Diseases”  
<https://doi.org/10.3390/inventions6030055>

**C3.** Articol publicat in Fascicle XI, The Annals of “Dunarea de Jos” University of Galati- “Design aspects for ventilation of engine rooms”  
<https://doi.org/10.35219/AnnUgalShipBuilding.2020.43.09>

**Data: 18.02.2022**

**Semnătura:**



Anexa 4 FV

Nume Prenume: Mândru Andreea

Gradul didactic: Drd.ing.

Instituția unde este titular: Universitatea "Dunărea de Jos" din Galați

Facultatea: de Arhitectură Navală

Departamentul: Arhitectură Navală

**L I S T A**

**lucrărilor științifice în domeniul disciplinelor din postul didactic**

**A. Teza de doctorat, (inmatriculare doctorat 01.10.2021, termen finalizare 2024)**

*Cercetări privind performanțele de propulsie ale navei in valuri*, îndrumator Prof.dr.ing. Liliana Celia Rusu

**B. Cărți si capitole în cărți publicate în ultimii 10 ani (2012-2021)**

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**C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani (2012-2021)**

**- Lucrări indexate ISI-WOS**

1. 2021. **Mandru, A.**, Pacuraru, F., The effect of appendages on ship resistance, IOP Conference Series Materials Science and Engineering 1182(1):012041, DOI: 10.1088/1757-899X/1182/1/012041.

2. 2020. **Mandru, A.**, Pacuraru, F., Experimental study on catamaran hydrodynamics, ModTech 2020 8th International Conference - Modern Technologies in Industrial Engineering, IOP Conference Series: Materials Science and Engineering, Volume 591, Number 1, Eforie Nord 2020

3. 2019. Pacuraru, F., **Mandru, A.**, Improving the hydrodynamics performance of the catamaran passenger, ModTech 2019, 7th International Conference - Modern Technologies in Industrial Engineering, IOP Conference Series: Materials Science and Engineering, Volume 591, Number 1, Iasi 2019, <https://iopscience.iop.org/article/10.1088/1757-899X/591/1/012112>

**- Lucrări indexate BDI-SCOPUS**

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**- Lucrări indexate BDI**

4. 2021. **Mandru, A.**, Rusu, L., Pacuraru, F., Propulsion simulation on fully appended ship model, Fascicula XI – Constructii Navale, ISSN 1221-4620, pp.95-100, Galati University Press, 2021 (CNCSIS B+, cod 222, DOAJ Directory Open Access Journal, CSA, Genamics JournalSeek / WorldCat Knowledge Base, SCIPPO, Google Scholar)

**D. Lucrări publicate în ultimii 10 anii în reviste și volume de conferințe cu referenți (neindexate) (2012-2021)**

**- Reviste**

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Anexa 4 FV

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**1. Brevete obținute în întreaga activitate**

-----

E – Brevete (pentru întreaga activitate)

**Data: 17.10.2021**

**Semnătura:**

Drd. ing. Mandru Andreea

*Măndru A.*



Nume Prenume: Angheluta Cristi-Marian

Gradul didactic: Asistent doctorand

Instituția unde este titular: universitatea Dunarea de Jos Galați

Facultatea: Arhitectură Navală

Departamentul: Arhitectură Navală

## L I S T A

### lucrărilor științifice în domeniul disciplinelor din postul didactic

#### A. Lucrări indexate ISI/BDI publicate în ultimii 10 ani

1. Chirica I., Presura A., Angheluta C. M. (2019) Retrofit solutions for green and efficient inland ships, in Journal of Physics: Conference series (Vol. 1297).  
<https://doi.org/10.1088/1742-6596/1297/1/012009>
2. Chirica, I., Angheluta, C. M., Perijoc, S. D., Hobjilă, A. I., & Frătita, M. (2019). Mesh independence of a transient multiphase fluid-solid interaction. In Journal of Physics: Conference Series (Vol. 1297). <https://doi.org/10.1088/1742-6596/1297/1/012026>
3. Perijoc, D. S., Domnisoru, L., & Angheluta, C. M. (2021). Structural strength evaluation of a 3000 dwt river-barge, under oblique quasi-static design waves. In Proceedings of the 9th Modern Technology in Industrial Engineering Conference, MODTECH 2021, 23-26 June, Online, Romania.
4. Crudu L., Angheluta C. M., “Case study of FPSO-type vessels and structures”, ANNALS OF “DUNAREA DE JOS” UNIVERSITY OF GALATI FASCICLE XI – SHIPBUILDING. ISSN 1221-4620 2015
5. Angheluță, C.-M., Perijoc, S., & Presura, A. (2019). Retrofitting of Danube vessels for a green and efficient fleet. Analele Universității “Dunărea de Jos” Din Galați. Fascicula XI, Construcții Navale/ Annals of “Dunărea de Jos” of Galati, Fascicle XI, Shipbuilding, 42, 175–182.  
<https://doi.org/10.35219/annugalshipbuilding.2019.42.24> <https://www.gup.ugal.ro/ugal/journals/index.php/fanship/article/view/2506>
6. Perijoc, D. S., Domnișoru, L., & Angheluta, C. M. (2020). Impact analysis tests using Femap Advanced Explicit Dynamic solver. Analele Universității “Dunărea de Jos”





Anexa 4 FV

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Din Galați. Fascicula XI, Construcții Navale/ Annals of “Dunărea de Jos” of Galati, Fascicle XI, Shipbuilding, 43, 117–121.

<https://doi.org/10.35219/annugalshipbuilding.2020.43.15>

7. Vasile Giuglea, Ionel Chirica, Cristi-Marian Angheluta, Dumitru-Silviu Perijoc, “Environmentally friendly LNG fueled pusher”, Paper with Medal and Diploma of achievement at The 24th International Exhibition of Inventions “Inventica 2020”, Iasi, Romania

**Data: 15.11.2021**

**Semnătura:**

A handwritten signature in blue ink, appearing to be 'Alina', written over a horizontal line.

Nume Prenume: Moise Liviu Andrei  
Gradul didactic: Doctorand  
Instituția unde este titular: Universitatea Dunarea de Jos Galați  
Facultatea: Arhitectură Navală  
Departamentul: Arhitectură Navală

### L I S T A

#### lucrărilor științifice în domeniul disciplinelor din postul didactic

#### C: Lucrări indexate ISI/BDI publicate in ultimii 10 ani

**C1.** Costică Hogaș, **Liviu Andrei Moise**, Costel Iulian Mocanu, Eugen Găvan, **2018**. Numerical study using CFD methods of the shapes of a sport boat with the hull made of aluminum  
<https://www.gup.ugal.ro/ugaljournals/index.php/fanship/article/view/1016>

**C2.** **Liviu Andrei Moise**, Costica Hogas, Leonard Domnișoru, Costel Iulian Mocanu, **2019**, Global strength analysis for a split hopper barge subject to head equivalent design wave;  
<https://www.gup.ugal.ro/ugaljournals/index.php/fanship/article/view/2173>

**C3.** Nichita Sava, **Liviu Andrei Moise**, Daniela-Ioana Tudose, Costel Iulian Mocanu, Eugen Gavan, **2021**, Shapes' optimisation using numerical naval hydrodynamics of a Ro-Ro double ferry with electric propulsion to cross the Danube  
<https://www.gup.ugal.ro/ugaljournals/index.php/fanship/article/view/4944>

**C4.** **Liviu Andrei Moise**, Gabriela Alexandra Albu, Eugen Gavan, Costel Iulian Mocanu, Liliana Rusu, **2020**, A new icebreaker for inland water concept  
<https://www.gup.ugal.ro/ugaljournals/index.php/fanship/article/view/4005>

**C5.** **Liviu Andrei Moise**, Costel Iulian Mocanu, Leonard Domnișoru, **2021**, Structural evaluation of a pusher-tug vessel to comply with the requirements for navigation in ice covered waters

**Data: 15.11.2021**

**Semnătura:**



Nume Prenume: Pascu Paul-Adrian  
Gradul didactic: Asist. drd. ing.



Anexa 4 FV

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Instituția unde este titular: Universitatea Dunarea de Jos Galați

Facultatea: Arhitectură Navală

Departamentul: Arhitectură Navală

**L I S T A**

**lucrărilor științifice în domeniul disciplinelor din postul didactic**

**A. Teza de doctorat**

-

**B. Cărți si capitole în cărți publicate în ultimii 10 ani**

-

**C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani**

C1. P. A. Pascu, L. Crudu 2018 “On the influences of loading cases and inertial characteristics on the behaviour of a floating crane”, Annals of ”Dunarea de Jos” University of Galati, Fascicle XI-Shipbuilding, vol. 41, ISSN 1221-4620, vol. 41, pg. 145-152, DOI: <https://doi.org/10.35219/AnnUGalShipBuilding.2018.41.22>.

**Data: 15.11.2021**

**Semnătura:**



Anexa 4 FV

Nume Prenume: Mihaela Savin

Gradul didactic: asistent ing.

Instituția unde este titular: universitatea Dunarea de Jos Galați

Facultatea: Arhitectură Navală

Departamentul: Arhitectură Navală

**L I S T A**

**lucrărilor științifice în domeniul disciplinelor din postul didactic**

**A. Teza de doctorat**

**A1.** “ *Cercetări privind îmbunătățirea performanțelor de confort la bordul navei*”, domeniul Inginerie Mecanică, , conducător științific prof.dr.ing. Chirica Ionel/Andrei Gabriel, Universitatea „Dunărea de Jos” din Galați, Facultatea de Inginerie, Str. Domnească nr. 47, RO-800008, Galați, România, www.ugal.ro.

**B. Cărți si capitole în cărți publicate în ultimii 10 ani**

...

**C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani**

**C1.** Mihaela Savin, Adrian Presura and Ionel Chirica , **2019**, Environmental protection using structural analysis of ships, Journal of Physics: Conference Series, Volume 1297

<https://iopscience.iop.org/article/10.1088/1742-6596/1297/1/012015>

**C2.** Mihaela Savin, Adrian Presura and Ionel Chirica, **2019**, Plastic deformation simulation of steel panels, ITM Web of Conferences, Volume 29

<https://doi.org/10.1051/itmconf/20192902012>

**C3.** Mihaela Savin-Barcan, Elena Beznea and Ionel Chirica, **2018**, Influence of fabrication imperfections on dynamic response of a sandwich composite panel of a ship deck structure, IOP Conference Series. Materials Science and Engineering, Volume 400(3)

<http://dx.doi.org/10.1088/1757-899X/400/3/032008>

**Data: 21.02.2022**

**Semnătura:**

## Anexa 4 FV

Nume Prenume: Popa Viorel

Gradul didactic: Prof.dr.ing.

Instituția unde este titular: Universitatea „Dunarea de Jos” din Galati

Facultatea: de Inginerie

Departamentul: Sisteme termice si Autovehicule rutiere

**L I S T A****lucrărilor științifice în domeniul disciplinelor din postul didactic****A. Teza de doctorat**

**POPA Viorel**, 1999, “*Cercetari privind transportul lichidelor criogenice (oxigen, azot, aer) prin linii de transfer*”

**B. Cărți si capitole în cărți publicate în ultimii 10 ani**

1. Nu este cazul

**C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani**

1. Bucsa S., Dima D., Serban A., Stefanescu M.-F., **Popa V.**, Dobrovicescu A. *Heat exchanger design based on minimum entropy generation*. 2019, IOP Conference Series Materials Science and Engineering 595(1):012020. DOI: 10.1088/1757-899X/595/1/012020
2. M Pintilie, A Șerban, **V Popa** and C L Popa. *Design analysis of low pressure distillation column for cryogenic air separation*. 2019, IOP Conference Series Materials Science and Engineering 595(1): 012023, DOI: 10.1088/1757-899X/595/1/012023
3. **Popa, V.**, Popa, C.L. *Study concerning the influence of refrigerant injection on the efficiency of a heat pump*. IOP Conference Series: Materials Science and Engineering 444(8),082011, 2018.
4. **Popa, V.**, Popa, C.L. *Increasing the air source heat pump efficiency at low ambient temperature by using a two-phase ejector*. IOP Conference Series: Materials Science and Engineering 444(8),082010, 2018.
5. Lăcrămioara, P.C., **Viorel, P.** *Profiling disk tool for generating female rotor screw compressor component by meaning of graphical method*. Procedia Manufacturing 22, pp. 85-92, 2018.
6. Popa, C.L., **Popa, V.** *Using auto-cad environment to profile the revolution tools generating helicalrotors with involute undercutting profiled lobes*. Academic Journal of Manufacturing Engineering 16(1), pp. 151-154, 2018.
7. **Popa, V.**, Popa, C. *Theoretical Analysis for Solar Driven Mechanical Refrigeration Systems*. Energy Procedia 112, pp. 442-449, 2017.
8. Popa, C.L., **Popa, V.** *Profiling procedure for disk cutter to generate the male rotor, screw compressors component, using the "substitute Family Circle" - Graphic method in AUTOCAD environment*. IOP Conference Series: Materials Science and Engineering 161(1),012030, 2016.
9. **Popa, V.**, Ion, I., Popa, C.L. *Thermo-Economic Analysis of an Air-to-Water Heat Pump*. Energy Procedia 85, pp. 408-415, 2016.

## Anexa 4 FV

10. Bogdan, C., Tanase, P., **Viorel, P.** *Theoretical and Experimental Research Regarding Operating Conditions of the Refrigeration Absorption/Adsorption Machines Using Solar.* Applied Mechanics and Materials 659, pp. 325-330, 2014.
11. Popa, C.L., **Popa, V.** *Graphic method profiling of the end mill cutter generating the screw compressor rotor.* Applied Mechanics and Materials 658, pp. 123-128, 2014.
12. Cuzic, M., Serban, Al., **Popa, V.** *Study concerning the possibility for increasing argon recovery from a cryogenic air separation process.* Refrigeration Science and Technology 2012, pp. 448-451.

**D. Lucrări publicate în ultimii 10 ani în reviste și volume de conferințe cu referenți (neindexate)****-Reviste**

1. Marius CUZIC, Tanase PANAIT, **Viorel POPA.** A STUDY CONCERNING THE IMPROVEMENT OF ARGON RECOVERY FROM A CRYOGENIC AIR SEPARATION UNIT. THE ANNALS OF "DUNAREA DE JOS" UNIVERSITY OF GALATI. Fascicle IV. REFRIGERATING TECHNIQUE, INTERNAL COMBUSTION ENGINES, BOILERS AND TURBINES 2012. ISSN 1221 – 4558. <http://www.tmt.ugal.ro/Items/Annals/Annals.htm>
2. Bogdan CACIULĂ Tanase PANAIT, **Viorel POPA.** THE MICROCHP SYSTEM FOR A DETACHED BUILDING WITH A STIRLING ENGINE LIKE PRIME MOVER: THE COOLING SUBSYSTEM ANALYSIS. THE ANNALS OF "DUNAREA DE JOS" UNIVERSITY OF GALATI. Fascicle IV. REFRIGERATING TECHNIQUE, INTERNAL COMBUSTION ENGINES, BOILERS AND TURBINES 2012. ISSN 1221 – 4558. <http://www.tmt.ugal.ro/Items/Annals/Annals.htm>
3. **Viorel Popa**, Liviu Costiuc and Mihai Cuzic. Theoretical Study and Performance Analysis of an Adsorption Chiller. Journal of Energy and Power Engineering. ISSN:1934-8975 Volume 6, Number 10, October 2012, ppg. 1570-1575. [http://www.davidpublishing.org/journals\\_info.asp?jId=1079](http://www.davidpublishing.org/journals_info.asp?jId=1079)
4. **V. Popa**, C.L. Popa, Al. Serban. Uso de un subsistema de enfriamiento por absorción con amoniacoagua en sistemas combinados de frío-calor-energía eléctrica. ISSN 0210-0665 N° 444, 2012, págs. 42- 47. - **Selecție cu maximum 20 lucrări în volume de conferințe**
  1. **Viorel POPA**, Camelia Lacramioara POPA. Theoretical study on increasing the efficiency of a heat pump by refrigerant injection at intermediate pressure. Central and Eastern European Conference for Thermal Analysis and Calorimetry (CEEC-TAC 4). 28-31 August 2017, Chisinau, Moldova. <http://www.ceec-tac.org/>
  2. **Viorel POPA**, Camelia Lacramioara POPA. Theoretical study on increasing the efficiency of a heat pump by refrigerant injection at intermediate pressure. Central and Eastern European Conference for Thermal Analysis and Calorimetry (CEEC-TAC 4). 28-31 August 2017, Chisinau, Moldova. <http://www.ceec-tac.org/>
  3. **Viorel POPA**, Camelia Lacramioara POPA. Exergy analysis for an air-to-water heat pump. Conferinta Nationala de Termotehnica NACOT 2017, Craiova, 25-27 mai 2017.
  4. **Popa V.**, Popa CL., Aspects concernig Heat Pumps Automatization,



## Anexa 4 FV

Industry4.0@HEPTech 2018, Vysoké Tatry, Slovakia, 15 Mar 2018 - 16 Mar 2018.

5. Cuzic M., Serban Al., **Popa V.** Study Concerning the Possibility for Increasing Argon Recovery

from a Cryogenic Air Separation Process. 12th Cryogenics 2012, IIR International Conference, 10 – 14 September 2012, Dresden, Germany. [www.icaris.cz/conf/Cryogenics2012](http://www.icaris.cz/conf/Cryogenics2012).

6. **Viorel Popa**, Alexandru Serban, Camelia Popa. Some Aspects Concerning Argon Production

by Cryogenic Air Separation. The 20-th Conference “Progress in Cryogenics and Isotopes Separation”,

23-24 october, 2014, CALIMANESTI-CACIULATA, Valcea, Romania.

7. CACIULA Bogdan, PANAIT Tanase, **POPA Viorel**. Theoretical and Experimental Research

Regarding Operating Conditions of the Refrigeration Absorption/Adsorption Machines Using Solar

Energy. THE 6th INTERNATIONAL CONFERENCE ON ADVANCED CONCEPTS IN MECHANICAL ENGINEERING ACME 2014, JUNE 12 – 13, 2014, IAȘI, ROMANIA.

8. POPA Camelia Lăcrămioara, **POPA Viorel**. Graphic Method Profiling of the End Mill Cutter

Generating the Screw Compressor Rotor. THE 6th INTERNATIONAL CONFERENCE ON ADVANCED CONCEPTS IN MECHANICAL ENGINEERING ACME 2014, JUNE 12 – 13, 2014, IAȘI, ROMANIA.

**F. Brevete obținute în întreaga activitate**

1. Nu este cazul

**Data:**

17.11.2021

**Semnătura:**



## Anexa 4 FV

Nume Prenume: **Vlasie Silviu**  
Gradul didactic: **Sl. dr. ing**  
Universitatea “Dunărea de Jos” din Galați  
Facultatea de Inginerie  
Departamentul Sisteme Termice și Ingineria Mediului.

**LISTA****lucrărilor științifice în domeniul disciplinelor din postul didactic****A. Teza de doctorat**

Cercetări teoretice și experimentale privind câmpul de temperaturi în jurul sondelor de înghețare a solului

**B. Cărți și capitole în cărți publicate în ultimii 10 anii**

1. -

**C. Lucrări indexate ISI/BDI publicate în ultimii 10 anii**

1. **Vlasie Silviu**. The integral transform technique for solving transient heat conduction for a semi-infinite region. Ministerul Educației, Cercetării și Inovării, Analele Universității “Dunărea de Jos” din Galați, Fascicula IV 2009.
2. **Vlasie Silviu**. Heat conduction problems with cylindrical symmetry solving by integral transform technique – cylindrical hole. Ministerul Educației, Cercetării și Inovării, Analele Universității “Dunărea de Jos” din Galați, Fascicula IV 2010.
3. **Vlasie Silviu**. Approximate method in the solution of heat conduction involving melting and solidification problems. Ministerul Educației, Cercetării și Inovării, Analele Universității “Dunărea de Jos” din Galați, Fascicula IV 2012.

**D. Lucrări publicate în ultimii 10 anii în reviste și volume de conferințe cu referenți (neindexate)****- Reviste****1. Selecție cu maximum 20 lucrări în volume de conferințe**

1. **Vlasie Silviu**, Popa Viorel. Modelling with finite differences for heat transfer problems involving change of phase. – Military equipment and technologies research agency; the 35-th international scientific symposium of METRA, București 27 – 28 Mai 2004.
2. Popa Viorel, **Vlasie Silviu**. Pump system for delivering cryogenic liquids. Military equipment and technologies research agency; the 35-th international scientific symposium of METRA, București 27 – 28 Mai 2004.
3. Popa Viorel, **Vlasie Silviu**. Process to obtain krypton – xenon concentrate from liquid feed. The

## Anexa 4 FV

eighth CRYOGENICS 2004 International Conference. Praha Czech Republic, 27 – 30 April 2004.

4. **Silviu Vlasie**, Popa Viorel. Approximate method in the solution of heat conduction involving melting and solidification problems. Advanced Concepts in Mechanical Engineering. First International Conference “Prof. Emil Gaiginschi Jubilee”. Iași, 8 – 10 Iunie 2004.

5. Popa Viorel, **Vlasie Silviu**. Cryogenic process for the production of methane free, krypton/xenon product. Advanced Concepts in Mechanical Engineering. First International Conference “Prof. Emil Gaiginschi Jubilee”. Iași, 8 – 10 Iunie 2004.

6. Miron Valeria, **Vlasie Silviu**. Resurse energetice recuperabile utilizate în condiționarea aerului. A XIV – a Conferință de Termotehnică cu participare internațională. București 25-26 noiembrie 2004.

7. **Vlasie Silviu**, Miron Valeria. The application of integral method in the solution of transient heat conduction problems in solid with heat generation. A XIV – a Conferință de Termotehnică cu participare internațională. București 25-26 noiembrie 2004.

8. **Vlasie Silviu**. The applications of integral method in the solution of transient heat conduction for a semi-infinite region initially at uniform temperature. A XV-a Conferință Națională de Termotehnică cu participare internațională. Craiova 26-28 Mai 2005.

9. **Vlasie Silviu**, Popa Viorel. Heat conduction problems of cylindrical hole exposed to a constant heat flux. Agenția de Cercetare pentru Tehnici și Tehnologii Militare. Al XXXVII – lea Simpozion cu participare internațională. București 25-26 Mai 2006.

10. **Vlasie Silviu**. Heat conduction problems with cylindrical symmetry solving by integral transform technique – cylindrical hole. A XVI-a Conferință Națională de Termotehnică cu participare internațională. Ploiești 31 Mai – 1 Iunie 2007.

11. **Vlasie Silviu**. The integral method for solving transient heat conduction for a semi-infinite region. A XVI-a Conferință Națională de Termotehnică cu participare internațională. Ploiești 31 Mai – 1 Iunie 2007.

12. **Vlasie Silviu**. Approximate method in the solution of heat conduction problems - cylindrical hole exposed to a constant heat flux. A XV-a Conferință cu participare internațională “Confort, Eficiență, Conservarea Energiei și Protecția Mediului”. București, 26 – 28 Noiembrie 2008.

13. **Vlasie Silviu**. The integral transform technique to solve heat conduction problem with cylindrical symmetry. A XVII Conferința Națională de Termotehnică cu participare internațională. Brașov 21-22 Mai 2009.

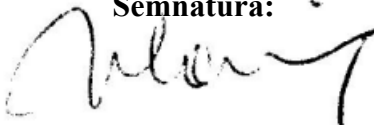
#### E. Brevete obținute în întreaga activitate



Anexa 4 FV

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**Data:**  
11.01.2017

**Semnătura:**  




Anexa 4 FV

Nume Prenume: **Ionel OPREA**

Gradul didactic: **sef lucrari**

Instituția unde este titular: **Universitatea “DUNĂREA DE JOS” din GALAȚI**

Facultatea: **Facultatea de Inginerie**

Departamentul: **Sisteme termice si Autovehicule rutiere**

**L I S T A**

**lucrărilor științifice în domeniul disciplinelor din postul didactic**

**A. Teza de doctorat**

**Oprea, I.**, 1999, *Contribuții privind studiul efectului turbionar*, Universitatea „Dunărea de Jos”, Galați.

**B. Cărți si capitole în cărți publicate în ultimii 10 ani**

1. Aradau, D., Gheorghiu, C., Miron, V., Damian, V., Turcanu, L., Andrei, D., Vetrov, M., Popa, v., Uzuneanu, K., **Oprea, I.**, *TERMOTEHNICA – indrumar de laborator*, Ed. Universitatii „Dunarea de Jos, Galati”, 1990.
2. **Oprea, I** *TURBOMASINI* Ed. ZIGOTTO 2007, 140 pg. ISBN 978-973-1724-52-2

**C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani**

1. **Oprea, I.** 2007 *COMPARISON OF TREATING BIOGENIC WASTES* - The Annals of “Dunărea de Jos” University, Fasc. IV, ISSN 1221-4558 ;, pg. 123-126, ISSN 1221-4558, Galati University Press;
2. **Oprea, I.**, 2008 *THE INFLUENCE OF RADIAL PULSATION ON THE PERFORMANCES OF THE VORTEX TUBE*, 3rd International Conference - Advanced Concept in Mechanical Engineering” ACME 2008, Tomul LIV, Fasc. 2, Sectia Constructii de Masini, pg. 491-496;
3. **Oprea, I.** - *THE EFFECT OF GEOMETRICAL PARAMETERS OF NOZZLE INTAKES ON THE OPERATIONAL CHARACTERISTICS OF VORTEX TUBE* - ANALELE UNIVERSITATII DUNAREA DE JOS DIN GALATI – FASCICULA IV , FROGOTEHNIE, MOTOARE CU ARDERE INTERNA, CAZANE SI TURBINE – 2009, pg. 46-49, ISSN 1221-4558, Galati;
4. **Oprea, I.**- *ASSESSMENT OF RECIPROCATING COMPRESSORS EFFICIENCY* - ANALELE UNIVERSITATII DUNAREA DE JOS DIN GALATI – FASCICULA IV , FROGOTEHNIE, MOTOARE CU ARDERE INTERNA, CAZANE SI TURBINE – 2009, pg. 36- 40, ISSN 1221-4558, Galati;
5. **Oprea, I.**, 2010 - *EVALUAREA EFICIENTEI COMPRESOARELOR CU PISTON* – BULETINUL INSTITUTULUI POLITEHNIC IASI, PUBLICATA DE UNIVERSITATEA TEHNICA „GHEORGHE ASACHI” IASI, ,PG. 233-240, ISSN 1011-2855

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7. **Oprea, I.**, 2012 - *AN IMPROVED METHOD FOR HEAT PUMPS REFRIGERANT CHOICE*, International Conference - Advanced Concept in Mechanical Engineering” ACME 2012, Tomul LVII, Fasc. 2, Sectia Constructii de Masini, ISSN 2285-2301
8. **Oprea, I.** 2012 - *ANALYSIS AND DESIGN OF HOT END PIPE RECTIFIER OF VORTEX TUBE* - The Annals of “Dunărea de Jos” University, Fasc. IV, ISSN 1221-4558 , pg. 47-50, ISSN 1221-4558, Galati University Press;
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10. **Oprea, I.** 2013 - *EFFECT OF THE PRESSURE PULSATION ON THE PERFORMANCE OF VORTEX TUBE*, TERMOTEHNICA/THERMAL ENGINEERING Journal, ISSN-L 1222-4057, 2 issues per year, BDI: INDEX COPERNICUS INTERNATIONAL, Online: ISSN 2247-1871, indexed in international databases (CNCSIS - B+)
11. **Oprea, I.** 2013 *THEORETICAL CONSIDERATIONS ON REFRIGERANT CYCLE USING HERMETICAL COMPRESSORS*, The Annals of “Dunărea de Jos” University, Fasc. IV, ISSN 1221-4558, pg. 29- 32, ISSN 1221-4558, Galati University Press;

**D. Lucrări publicate în ultimii 10 anii în reviste și volume de conferințe cu referenți (neindexate)****- Reviste**

1. Oprea, I., 2007 *HEAT PIPES – THEORETICAL CONSIDERATION* -pg. 257, PROCEEDINGS THERMAL ENGINES ENVIROMENTAL ENGINEERING, METIME 2007.
2. Oprea, I., 2009 *ASSESSMENT OF COMPRESSORS EFFICIENCY* “3rd International Conference on Thermal Engines and Enviromental Engineering”, METIME 2009, Section 2: Engine, compressors, automobiles, pg 225 – 230, ISBN 978-973-627-442-8, Galati;
3. Oprea, I., 2011 - *MULTICRITERIA ANALYSIS OF REFRIGERANT GEOTHERMAL HEAT PUMPS*, 4 th International Conference on Thermal Engines and Environmental Engineering, November 3-4, 2011, Galati, Romania

**E. Brevete obținute în întreaga activitate****F. Contracte**





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1. 1987, membru colectiv, Reducerea consumurilor specifice în centrala termoelectrică de la Galati, contract ICMENERG,
2. 1987, membru colectiv, Reducerea consumurilor specifice în centrala termoelectrică de pe platforma CHISCANI - Brăila, contract ICMENERG,
3. 1987, membru colectiv, Ridicarea curbelor energetice ale suflantei volumice SV97-76-8.2-14/1.5; Contract 57/1987,
4. 1987, membru colectiv, Studiul gazodinamic si acustic al echipamentelor de aer conditionat si ventilatie (spiroduct) produse de I.M.N.Galati - Contract nr. 3/1987,
  5. 1988, membru colectiv, Bilanțuri termoenergetice și stabilirea consumurilor specifice de energie termică, Contract 44/1988;
  6. 1988, membru colectiv, Intocmirea si analiza bilantului energetic la cuptorul C.P.S. din cadrul L.B.C. - C.S.Galati - Contract nr. 26/1988;
  7. 1988, membru colectiv, Cercetări privind conducerea numerică centralizată și distribuită a cazanului TGM 89 cât și asupra arderii păcurii 300/50S, Contract 17/1988;
  8. 1989, membru colectiv, Intocmirea si analiza bilanturilor energetice la cuptorul de tratamente termice de 8 mc din cadrul UPSRD- Sidex S.A., Contract 39/1989.
  9. 1989, membru colectiv, Optimizarea consumurilor specifice de energie la fabricile de oxigen si 2 precum și centralele de aer comprimat 1 și 2 din CS Galați ,Contract 47/1989;
  10. 1989, membru colectiv, Creșterea randamentului și fiabilității agregatelor de cazan prin conducerea automată a proceselor de ardere, Contract 15/1989,
11. 1989, membru colectiv, Bilantul energetic al Intreprinderii APOLLO Galati - Contract nr. 6/1989;
12. 1995, membru colectiv, Valorificarea surselor termice reziduale cu ajutorul transformatoarelor de căldură cu absorbtie - Grant 4007/B2 CNCSU - 1995, poz.B8, cod 81;
13. 1997, membru colectiv, Analiza comparativă si optimizarea sistemelor cu absorbtie în vederea valorificării eficiente a surselor termice reziduale - Grant 7007-1-262 CNCSU - 1997;
14. 1998, membru colectiv, Studiul sistemelor cu absorbtie si comprimare mecanică de vapori pentru producerea combinată a frigului si a căldurii, Contract de cercetare nr.29/1998 CNCSU

**Data:**  
11.11.2021

**Semnătura:**





Anexa 4 FV

Nume Prenume: Lupchian Mariana

Gradul didactic: Șef lucrări

Instituția unde este titular: Universitatea Dunărea de jos din Galați

Facultatea: Inginerie

Departamentul: Sisteme Termice și Autovehicule Rutiere

**L I S T A**

**lucrărilor științifice în domeniul disciplinelor din postul didactic**

**A. Teza de doctorat**

Contribuții la optimizarea regimurilor de funcționare ale instalațiilor energetice cu motoare cu ardere internă.

**B. Cărți și capitole în cărți publicate în ultimii 10 ani**

1. Combaterea poluării produse de motoarele cu ardere internă, Editura Zigotto, ISBN 978-606-669-338-7, Galați 2020., M Lupchian, K Uzuneanu.
2. Motoare de propulsie Navale, Instalații de mașini, îndrumar de laborator, Editura GUP GALAȚI, 2018; M Simionov, M Lupchian.
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**C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani**

- 1 The correlation between the operating conditions of an oil tanker and fuel consumption, DOI: <https://doi.org/10.35219/mms.2021.3.05>, Vol 44 No 3 (2021), THE ANNALS OF "DUNAREA DE JOS" UNIVERSITY OF GALATI FASCICLE IX. METALLURGY AND MATERIALS SCIENCENo. 3-2021, ISSN 2668-4748; e-ISSN 2668-4756; Mariana Lupchian.
2. Influence of propulsion installation performance on travel efficiency, Technium Vol. 2, Issue 7 pp.50-53 ISSN: 2668-778X, 2020; Mariana Lupchian.
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4. Reducing NO<sub>x</sub> emissions from tractor engines by using the fuel mixture with rapeseed oil; IOP Conference Series: Materials Science and Engineering, Volume 595, The XXIIInd National Conference on Thermodynamics with International Participation 23–24 May 2019, Galati, G Coman, S M Burciu and **M Lupchian**.



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6. Study regarding the heavy fuel consumption for the main engine of naval power plants, Navigation and Maritime Transport, Constanța Maritime University Annals, volumul 20, pag 79-82, Editura Nautica 2013, Mariana Lupchian.
7. Analysis of the operating regimes of power plants for different situations naval navigation, SECTION I – Navigation and Maritime Transport, Constanța Maritime University Annals, volumul 19, pag 51, Editura Nautica 2013, Mariana Lupchian.
8. The study of naval power plant: expenses incurred by the ship after voyages made, Section II– Mechanical Engineering and Environment, Constanța Maritime University Annals, volumul 18, pag 127-128, ISSN 1582-3601, Editura Nautica 2012, Mariana Lupchian.
9. Determination of propulsion system components on board a tanker ship, BULETINUL INSTITUTULUI POLITEHNIC DIN IAȘI, Publicat de Universitatea Tehnică „Gheorghe Asachi” din Iași, Tomul LVIII (LXII), Fasc. 4, pag 171-176, Secția CONSTRUCȚII DE MAȘINI, Editura POLITEHNIUM, 2012, ISSN 1011 – 2855 , recunoscuta B+ CNCSIS, Mariana Lupchian.
10. Balance of losses caused by the irreversibility of the working processes of naval propulsion plant, The Annals of ”Dunarea de Jos” University Of Galati, Fascicle IX Metallurgy And Materials Science, Special ISSUE, ISSN 1453-083X, 2011, Mariana Lupchian.

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**- Reviste**

1. Modeling the thermoeconomic analysis of the marine propulsion system. Recent Researches in Automatic Control and Electronics. Proceedings of 14th International Conference on Automatic Control, Modelling & Simulation (ACMOS' 12), Saint Malo & Mont Saint Michel, France, April 2- 4, 2012, ISBN 978-1- 61804-080-0, pp.148 – 153, 2012, Uzunescu, K., Lupchian Mariana.
2. Determining the number of trips made by a vessel loaded at different operating regimes of the propulsion engine. Advances in Fluid Mechanics & Heat & Mass Transfer – 10th WSEAS International Conference on Heat transfer, Thermal Engineering and Environment (HTE '12),



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3. The profit made by a oil tanker after a voyage, CIEI 2011, Proceedings of the International Conference On Industrial Power Engineering the 8-th Edition,, “VASILE ALECSANDRI” UNIVERSITY OF BACĂU, Alma Mater Publishing House, BACĂU – ROMÂNIA, aprilie 14-25, ISSN-L 2069-9905, Bacau 2011, Lupchian Mariana.

**Data:**  
02.12.2021

**Semnătura:**  
S.L.dr.ing.Mariana Lupchian

A handwritten signature in black ink, appearing to be 'ML', is written below the name of the signatory.



Anexa 4 FV

Nume Prenume: **Deleanu Lorena**

Gradul didactic: profesor

Instituția unde este titular: Universitatea Dunărea de Jos din Galați

Facultatea: de Inginerie

Departamentul: Inginerie Mecanică

**L I S T A**

**lucrărilor științifice în domeniul disciplinelor din postul didactic**

**A. Teza de doctorat**

„Contribuții la studiul stratului superficial al compozitelor cu matrice de politetrafluoretilenă pe tribomodele de alunecare”, coordonator științific: prof. dr. ing. Ion Crudu, Universitatea „Dunărea de Jos” din Galați

**B. Cărți și capitole în cărți publicate în ultimii 10 ani**

1. **Deleanu L.**, Pîrvu C., Georgescu C., Ojoc G.G., Titire Chiper L., Proiectarea reductoarelor cu roți dințate, Editura GUP, Galați, 2021, ISBN 978-606-696-222-3

C. **Deleanu L.**, Botan M., Georgescu C. (2020) Chapter title: Tribological Behavior of Polymers and Polymer Composites, Tribology in Materials and Manufacturing - Wear, Friction and Lubrication, Amar Patnaik, Tej Singh and Vikas Kukshal, IntechOpen, DOI: 10.5772/intechopen.94264. Available from: <https://www.intechopen.com/books/tribology-in-materials-and-manufacturing-wear-friction-and-lubrication/tribological-behavior-of-polymers-and-polymer-composites>

D. Georgescu C., **Deleanu L.**, Cristea C. G., Chapter title: The tribological behavior of soybean oil, (36 p) in Minobu Kasai (editor) Soybean - Biomass, Yield and Productivity, IntechOpen, ISBN 978-953-51-7019-8, 2018, <https://cdn.intechopen.com/pdfs/64105.pdf>

E. Pîrvu C., **Deleanu L.**, Chapter title: Ballistic testing of armor packages based on aramid fibers, in Charles Osheku (editor) Ballistics, IntechOpen, ISBN 978-953-51-6078-6, 2018

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4. Pîrvu C., Musteată A. E., Ojoc G. G., Deleanu L., Numerical and Experimental Results on Charpy Tests for Blends Polypropylene + Polyamide + Ethylene Propylene Diene Monomer (PP + PA + EPDM), *Materials* 2020, 13, 5837; doi:10.3390/ma13245837
5. Musteata A. E., Pelin G., Botan M., Popescu A., L. Deleanu, The Behavior of Polymeric Blends (PP + PA6) in Tensile Tests, <https://revmaterialeplastice.ro/pdf/18%20MUSTEATA..1%2020.pdf>
6. Pîrvu C., Musteata A. E., Ojoc G. G., Sandu S., Deleanu L., A meso level FE model for the impact bullet - yarn, *Revista de Materiale Plastice*, vol. 56, no. 1, pp. 22-31, 2019.
7. Georgescu C, Cristea G C., Solea C. L, Deleanu L., Sandu I. G., Flammability of Some Vegetal Oils on Hot Surface, *Revista de chimie*, 2018 69(3) pp 668-673, <http://www.revistadechimie.ro/pdf/29%20GEORGESCU%20C%203%2018.pdf>
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9. Pîrvu C., Maftעי L., Georgescu C., Deleanu L., Maps of 3D Parameters for Worn Surfaces of Composites PA + Glass Beads Sliding on Steel, *Industrial Lubrication and Tribology*, 2017, 69(1):42-51 · January 2017, DOI: 10.1108/ILT-11-2015-0166, <https://www.emeraldinsight.com/doi/pdfplus/10.1108/ILT-11-2015-0166>
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- BDI**
20. **Deleanu L.**, Georgescu C., Ionescu T. F., Guglea D., Isacescu D., SR EN ISO 20623 - A standard for tribological evaluation of lubricants that may bust innovation, ACME, Iasi, 2020, IOP Conference Series: Materials Science and Engineering, Vol. 997, The 9th International Conference on Advanced Concepts in Mechanical Engineering - ACME 2020 4-5 June 2020, Iași, Romania, 2020 IOP Conf. Ser.: Mater. Sci. Eng. 997 012008
  21. Ionescu T. F., Guglea D., Dima D., Georgescu C., Deleanu L., Rapeseed oil with anti-wear additives on the four ball tester, IOP Conference Series: Materials Science and Engineering, Volume 997, The 9th International Conference on Advanced Concepts in Mechanical Engineering - ACME 2020 4-5 June 2020, Iași, Romania, IOP Conf. Ser.: Mater. Sci. Eng. 997 012013
  22. Cristea G. C., Georgescu C., Suciuc C., Deleanu L., A 2D and 3D study of the texture of wear scars for soybean oil additivated with nano graphite, Journal of Physics: Conference Series, IOP Publishing Ltd <http://iopscience.iop.org/article/10.1088/1742-6596/1122/1/012003>
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  24. Cristea G. C., Georgescu C., Dima D., **Deleanu L.**, Influence of graphene as additive in soybean oil, The 8th International Conference on Advanced Concepts in Mechanical Engineering, ACME 2018, JUNE 07-08, 2018, Iasi, Romania, <http://www.mec.tuiasi.ro/acme2018/files/Conference%20Program%20Outline.pdf>
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26. Musteață A. E., Pirvu C., Deleanu L., Georgescu C., Simulation of Charpy test for different impact velocities, Xth Product Design, Robotics, Advanced Mechanical & Mechatronic Systems and Innovation Conference, PRASIC'18, November 8 - 9, 2018, Brasov, Romania
  27. Georgescu C., Solea L. C., Deleanu L., Additivation of vegetal oils for improving tribological characteristics, Xth Product Design, Robotics, Advanced Mechanical & Mechatronic Systems and Innovation Conference, PRASIC'18, November 8 - 9, 2018 Brasov, Romania
  28. Ojoc G. G., Pirvu C., Sandu S., Deleanu L., Glass fibers for impact protection systems. A review, the 8 th edition of International Conference on Material Science & Engineering, UgalMat 2018, October 11-13, 2018, Galati, Romania
  29. Pirvu C., Ionescu T. F., Deleanu L., Badea S., Simplified simulation of impact bullet - stratified pack for restraining ballistic tests, MATEC Web Conf., Vol. 112, 2017, 21st Innovative Manufacturing Engineering & Energy International Conference – IManE&E 2017 [https://www.matec-conferences.org/articles/mateconf/abs/2017/26/mateconf\\_imane2017\\_06023/mateconf\\_imane2017\\_06023.html](https://www.matec-conferences.org/articles/mateconf/abs/2017/26/mateconf_imane2017_06023/mateconf_imane2017_06023.html), <https://doi.org/10.1051/mateconf/201711206023>
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**G. Lucrări publicate în ultimii 10 anii în reviste și volume de conferințe cu referenți (neindexate)****- Selecție cu maximum 20 lucrări în volume de conferințe**

1. Ionescu T. F., Guglea D., Dima D., Georgescu C., **Deleanu L.**, Influence of Nano Additive ZnO on Wear-Load Curve in Severe Regime, The 8th Scientific Conference of Doctoral Schools. Perspectives and Challenges in Doctoral Research, 18- 19 June 2020
2. Ionescu T.F., Pirvu C., Badea S., Georgescu C., **Deleanu L.**, The Influence of Friction Characteristics in Simulating the Impact Bullet - Stratified Materials, 15<sup>th</sup> International Conference on Tribology, Kragujevac, Serbia, 17 – 19 May 2017
3. Pirvu C., **L Deleanu L.**, Computational Modeling of Spherical Natural Debris Impact and Penetration into Whipple Shield Targets, Section 3 – Modelling of structural problems in aerospace airframes, 5th International Workshop on Numerical Modelling in Aerospace Sciences, "NMAS 2017", 17 - 18 May 2017, Bucharest, Romania; Book of Abstracts NMAS 2017, DVD: ISSN 2360–1809, ISSN-L 2360-1809. Date of publication: may 2017
4. Georgescu C., **Deleanu L.**, Pirvu C., Evaluating Lubricant Performance by 3D Profilometry of the wear scars, The 6th International Conference on Advanced Concepts on Mechanical Engineering, Iasi, 9-10 June 2016
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6. Pirvu C., Georgescu C., Badea S., **Deleanu L.**, A Model for Evaluating the Ballistic Resistance of Stratified Packs, The 7th International Conference on Advanced Concepts on Mechanical Engineering, Iasi, 9-10 June 2016
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8. Botan M., Georgescu C., Pirvu C., **Deleanu L.**, Influence of aramid fibers on mechanical properties of two polymeric blends, 22<sup>nd</sup> International Conference on Materials and Technology (22 ICM&T), 20–22 October 2014, Portoroz, Slovenia, [http://icmt22.imt.si/e\\_files/content/Book%20of%20abstracts.pdf](http://icmt22.imt.si/e_files/content/Book%20of%20abstracts.pdf)
9. Pirvu C., Boazu D., Badea S., **Deleanu L.**, A Fem Impact Model for a Sandwich Plate, 14<sup>th</sup> International Conference on Tribology, Belgrade, Serbia, 13 – 15 May 2015
10. Botan M., Boazu D., Georgescu C., **Deleanu L.**, The influence of friction coefficient on a stress and strain distribution on block-on-ring FEM model, 14<sup>th</sup> Intern. Conf. on Tribology, Belgrade, Serbia, 13 – 15 May 2015, <http://tribolab.mas.bg.ac.rs/proceedings/2015/446-453.pdf>
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13. Botan M., Pirvu C., Georgescu C., **Deleanu L.**, Influence of Feed Speed on Surface Quality of Several Building Stones, paper 777, World Tribology Congress 2013, Torino, Italy, September 8–13, 2013 (5th World Tribology Congress (WTC 2013), Proceedings of a meeting held 8-13 September 2013, Torino, Italy, ISBN: 9781634393522, Pg.1958, Politecnico di Torino (DIMEAS), Curran Associates, Inc. (Dec 2014)
14. Georgescu C., Birsan I. G., **Deleanu L.**, Relating Acoustic Emission to Wear of PBT Composites against Steel, paper 778, World Tribology Congress 2013, Torino, Italy, September 8 – 13, 2013, (5th World Tribology Congress (WTC 2013), Proceedings of a meeting held 8-13 September 2013, Torino, Italy, ISBN: 9781634393522, Pg. 3389, Politecnico di Torino (DIMEAS), Curran Associates, Inc. (Dec 2014)
15. **Deleanu L.**, Pirvu C., Botan M., Georgescu C., Maftei L., Evaluating worn surfaces of PA + glass bead composites in dry sliding against steel by a set of texture parameters, Society of Plastics Engineering, EUROTECH 2013, pp. 347-352, EUROTECH 2013, Lyon, France, 4-5 July 2013
16. Constantinescu S.G., Niculescu L.M., **Deleanu L.**, A Model of an Axisymmetrical Coanda Profile with Radial Clearance, First Intern. Conf. Danube - Black Sea 3E - Energy, Environment & Efficiency, IWEEE 2013, 18 -21 September 2013, Galati, Romania
17. Georgescu C., **Deleanu L.**, Wear and friction of PBT-based material in dry sliding against steel, 15th Intern. Conf. on Experimental Mechanics, Tribology in Mechanical Components and Machine Elements, Universida de do Porto, Portugal, 22-27 July 2012, [http://paginas.fe.up.pt/clme/icem15/ICEM15\\_FinalProgram.pdf](http://paginas.fe.up.pt/clme/icem15/ICEM15_FinalProgram.pdf)
18. Boțan M., Georgescu C., Dobrea D., **Deleanu L.**, Mechanical properties for blends of PBT and PTFE, The 7th Intern. Symposium KOD 2012, Machine and Industrial Design in Mechanical Engineering, Balatonfured, Hungary, pp. 531-536, <http://www.kod.ftn.uns.ac.rs/download/KOD2012list.doc>, 2012.
19. **Deleanu L.**, Andrei G., Bîrsan I.G., Răileanu I., Particular Aspects of Tribological Behaviour for Composites with Polyamide Matrix and Microglass Spheres, 3<sup>rd</sup> Conf. on Tribology ECOTRIB 2011, Osterreichische Tribologische Gesellschaft, Viena, Austria, p. 213-218, 2011.
20. **Deleanu L.**, Cantaragiu A., Bîrsan I.G., Geanina Podaru G., Georgescu C., Evaluation of the spread range of 3D parameters for coated surfaces, 12<sup>th</sup> Intern. Conf. on Tribology, SerbiaTrib, Serbia, 11 – 13 May 2011 Kragujevac, 2011.

Data:

2.11.2021

Semnătura:





Anexa 4 FV

Nume Prenume: Humelnicu Costel

Gradul didactic: Asistent dr. ing.

Instituția unde este titular: Universitatea Dunarea de Jos Galați

Facultatea: Inginerie

Departamentul: Inginerie Mecanică

**L I S T A**

**lucrărilor științifice în domeniul disciplinelor din postul didactic**

**A. Teza de doctorat**

“Efectul sinergic al proceselor de uzare și oboseală asupra degradării materialelor polimerice”, domeniul Inginerie Mecanică, în baza Ordinului Ministrului Educației și Cercetării nr. 4640 din 18.08.2020, conducător științific prof.dr.ing. Elena Mereuță, Universitatea „Dunărea de Jos” din Galați, Facultatea de Inginerie, Str. Domnească nr. 47, RO-800008, Galați, România, www.ugal.ro.

**B. Cărți și capitole în cărți publicate în ultimii 10 ani**

-

**C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani**

1. „ARTIFICIAL NEURAL NETWORK-BASED ANALYSIS OF THE TRIBOLOGICAL BEHAVIOR OF VEGETABLE OIL–DIESEL FUEL MIXTURES”, Humelnicu Costel, Ciortan Sorin, Amorțilă Valentin, Lubricants 7 (4), 32, <https://www.webofscience.com/wos/woscc/full-record/WOS:000467292800004>
2. „FATIGUE LIFE INVESTIGATION ON A MAC ENGINE PISTON”, Humelnicu Costel, Amorțilă Valentin, Mereuță Elena, MATEC Web of Conferences 178, 06013, <https://www.webofscience.com/wos/woscc/full-record/WOS:000570197900090>
3. „POSITIONING STUDY OF DRIVER'S HANDS IN CERTAIN AREAS OF THE STEERING WHEEL”, Amorțilă Valentin, Mereuță Elena, Vereșiu Silvia, Rus Mădălina, Humelnicu Costel, MATEC Web of Conferences 178, 06014, <https://www.webofscience.com/wos/woscc/full-record/WOS:000570197900091>

**Articole publicate în Proceedings ISI**

4. „REDUCTION OF POLYMERIC WASTE BY APPLYING HEAT TREATMENTS DURING THE POLYMERIZATION PERIOD”, Humelnicu Costel, Mereuță Elena, Amorțilă Valentin, Gingarasu Mihai, Novetschi Monica, International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM 2020 (41), pp. 475-482, <https://www.sgem.org/index.php/elibrary?view=publication&task=show&id=7265>
5. „THE IMPORTANCE OF VEHICLE STEERING SYSTEM DIAGNOSIS IN REDUCING ENVIRONMENTAL IMPACT”, Mihai Gingarasu, Elena Mereuta, Valentin Amortila, Costel Humelnicu, Monica Novetschi, International Multidisciplinary Scientific GeoConference: SGEM



- 2020 (4.1), 523-530, 2020,  
<https://www.sgem.org/index.php/elibrary?view=publication&task=show&id=7271>
6. „THE EFFECTS OF AUTO POLLUTION ON THE POPULATION”, Monica Novetschi, Elena Mereuta, Mihai Gingarasu, Costel Humelnicu, Valentin Amortila, International Multidisciplinary Scientific GeoConference: SGEM 2020 (4.1), 499-506, 2020,  
<https://www.sgem.org/index.php/elibrary?view=publication&task=show&id=7268>
7. „FATIGUE POLYMERIC MATERIALS-AIR POLLUTION FACTOR”, Costel Humelnicu, Elena Mereuta, Valentin Amortila, Mihai Gingarasu, International Multidisciplinary Scientific GeoConference: SGEM 19 (4.2), 221-228, 2019, <https://www.sgem.org/index.php/peer-review-and-metrics/jresearch?view=publication&task=show&id=6740>
8. „REDUCING THE AIR POLLUTION IMPACT OF THE RECYCLED AUTO VEHICLES”, C Humelnicu, E Mereuta, V Amortila, M Gingarasu, International Multidisciplinary Scientific GeoConference: SGEM 19 (4.1), 1053-1060, 2019,  
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9. „CONTROVERSY ABOUT CAR POLLUTION: THE ELECTRIC VEHICLE OR THE CLASSIC VEHICLE?”, V Amortila, E Mereuta, C Humelnicu, M Gingarasu, N Monica, International Multidisciplinary Scientific GeoConference: SGEM 19 (4.2), 193-200, 2019,  
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10. „THE INFLUENCE OF THE VEHICLE STEERING SYSTEM MISSALIGNMENT ON THE ENVIRONMENT”, M Gingarasu, E Mereuta, V Amortila, C Humelnicu, International Multidisciplinary Scientific GeoConference: SGEM 19 (4.2), 295-302, 2019,  
<https://sgem.org/index.php/elibrary?view=publication&task=show&id=6750>
11. „The vibration and noise pollution's impact on the driver”, V Amortila, E Mereuta, C Humelnicu, M Gingarasu, International Multidisciplinary Scientific GeoConference: SGEM 19 (4.1), 1143-1150, 2019,  
<https://www.sgem.org/index.php/elibrary?view=publication&task=show&id=5950>
12. „THE INFLUENCE OF VEHICLE DIAGNOSIS ON REDUCING GAS EMISSIONS THAT AFFECTS THE EARTH'S CLIMATE SYSTEM”, M Gingarasu, E Mereuta, V Amortila, C Humelnicu, International Multidisciplinary Scientific GeoConference: SGEM 19 (4.1), 1109-1115, 2019, <https://www.sgem.org/index.php/elibrary?view=publication&task=show&id=5946>
13. ”NEURAL NETWORKS AS OPTIMIZATION TOOLS FOR FUEL CONSUMPTION”, Costel Humelnicu, Valentin Amortilă, Elena Mereuță, International Multidisciplinary Scientific GeoConference: SGEM 18 (4.2), 531-537, ISSN 1314-2704, 2018,  
<https://www.sgem.org/index.php/elibrary?view=publication&task=show&id=1268>
14. „DAMAGING BY TRIBO-FATIGUE AND TEST RIG DESIGN”, Costel Humelnicu, Valentin Amortilă, Mihai Gingarasu, Elena Mereuță, 18th International Multidisciplinary Scientific GeoConference SGEM 2018 (4.3), 235-242, ISBN: 978-619-7408-70-6, 3 - 6 December, 2018,  
<https://www.sgem.org/index.php/elibrary?view=publication&task=show&id=2170>
15. ”AUTO TRANSPORTATION - AN IMPORTANT FACTOR IN POLLUTION GROWTH AND IN ATMOSPHERIC CHANGES”, Valentin Amortilă, Elena Mereuță, Daniel Ganea, Costel Humelnicu și Sorin Ciortan, International Multidisciplinary Scientific GeoConference:



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<https://www.sgem.org/index.php/elibrary?view=publication&task=show&id=1245>

16. „DRIVER’S BIOMECHANICS INFLUENCE ON AIR POLLUTION”, Valentin Amorțilă, Elena Mereuță, Costel Humelnicu, Mihai Gingarașu, 18th International Multidisciplinary Scientific GeoConference SGEM 2018 (4.3), 251-258, ISBN: 978-619-7408-70-6, 3 - 6 December, 2018,

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17. ASPECTS REFERRING TO FATIGUE TESTING OF EPOXY POLYMERIC MATERIALS”, C Humelnicu, V Amortila, M Novetschi, M Gingarasu, Mechanical Testing and Diagnosis 10 (3), 21-25, ISSN 2247 – 9635, 2020,

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18. „WEAR OF SPHERICAL JOINTS OF THE VEHICLES STEERING SYSTEMS. VIBRATIONS AND THEIR ROLE IN DIAGNOSIS”, M Gingarasu, E Mereuta, V Amortila, C Humelnicu, M Novetschi, Mechanical Testing and Diagnosis 10 (3), 16-20, ISSN 2247 – 9635, 2020, <https://www.gup.ugal.ro/ugaljournals/index.php/mtd/article/view/4026>

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20. „APPLICATION OF VISUAL ENVIRONMENT BASED SOFTWARE IN AUTOMOTIVE DESIGN”, C Humelnicu, Annals of the University Dunarea de Jos of Galati: Fascicle II, Mathematics Physics, Theoretical Mechanics, 2017, Vol. 40 Issue 2, p187-190. 4p,

<http://eds.a.ebscohost.com/abstract?site=eds&scope=site&jrnl=20672071&AN=129237917&h=RLjPMS%2fPv1%2bOAJeX51C4yc%2flvp%2bROk6BjqAIV6Cn517zHD6aCyPDi1POjie2P%2b9lOAnxARHvi%2bWSlnitrDAIQ%3d%3d&crl=c&resultLocal=ErrCrlNoResults&resultNs=Ehost&crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d20672071%26AN%3d129237917>

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22. „MODELING AND SIMULATION OF A SIMPLE LINEAR SUSPENSION WITH SIMCENTER AMESIM SOFTWARE”, Valentin Amortila, Elena Mereuta, George Balasoiu, Costel Humelnicu, Mihai Gingarasu, EuroEconomica, ISSN: 1582-8859, Issue 2(40)-2021,

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**Data:** 08.11.2021

**Semnătura:**

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Nume Prenume: CHIROȘCĂ ANA-MARIA

Gradul didactic: Doctorand Ing.

Instituția unde este titular: universitatea Dunarea de Jos Galați

Facultatea: Arhitectură Navală

Departamentul: Arhitectură Navală

## L I S T A

### lucrărilor științifice în domeniul disciplinelor din postul didactic

#### A1 Lucrări publicate in reviste cotate ISI

1. **Chiroșcă Ana-Maria**, Rusu Liliana, 2022. Characteristics of the wind and wave climate along the European seas focusing on the main maritime routes, *Journal of Science and Engineering*, 10(1), 75. <https://doi.org/10.3390/jmse10010075> Impact factor 2,458, Q2
2. **Chiroșcă Ana-Maria**, Rusu Liliana, 2021. Comparison Between Model Test and Three CFD Studies for a Benchmark Container Ship, *Journal of Science and Engineering*, 9 (1), 62. <https://doi.org/10.3390/jmse9010062> Impact factor 2,458, Q2.

#### A2 Lucrări publicate în proceeding-uri ISI

1. Obreja C.D., **Chiroșcă Ana Maria**, 2018. Theoretical and experimental comparative analyse on the hydrodynamic resistance of a racing sailboat, *Proceeding 6th International Conference on Modern Technologies in Industrial Engineering (ModTech2018)*, IOP Conference Series: Materials Science and Engineering, Volume 400, Article Number 042044. <https://doi.org/10.1088/1757-899X/400/4/042044>

#### A3 Lucrări publicate în reviste BDI

1. **Chiroșcă Ana-Maria**, Rusu Liliana, The Characteristics of the North Sea and its Importance for Maritime Transport, *AUDOE*, Vol. 17, No. 6/2021, pp. 224-229, ISSN: 2065-0175, <https://dj.univ-danubius.ro/index.php/AUDOE/article/view/1481>
2. **Chiroșcă Ana-Maria**, Rusu Liliana, The Use of CFD Methods in the Shipbuilding Industry and their Benefits, *AUDOE*, Vol. 17, No. 6/2021, pp. 262-269, ISSN: 2065-0175, <https://dj.univ-danubius.ro/index.php/AUDOE/article/view/1484>
3. **Chiroșcă Ana-Maria**, Rusu Liliana, Statistical and Economic Analysis of the Rhine-Main-Danube Canal, the Bridge Between the North Sea and the Black Sea, *Journal of Danubian Studies and Research*, Vol. 11, No. 1/2021, pp. 184-191, ISSN 2284-5224, <https://dj.univ-danubius.ro/index.php/JDSR/article/view/1288/1491>
4. **Chiroșcă Ana-Maria**, Rusu Liliana, Study on Navigation Conditions and Shipping Traffic on the Danube in the Period 2010-2020, *Journal of Danubian Studies and Research*, Vol. 11, No. 1/2021, pp. 192-201, ISSN 2284-5224, <https://dj.univ-danubius.ro/index.php/JDSR/article/view/1301/1490>

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5. **Chiroșcă Ana-Maria**, Rusu Liliana, 2019. Marine Traffic on Mediterranean Seas and its divisions, *Mechanical Testing and Diagnosis*, Volume 4, pp. 11-18, ISSN 2247 – 9635, 2019 (IX) <https://doi.org/10.35219/mtd.2019.4.02>
6. Gasparotti Carmen, **Chiroșcă Ana Maria**, 2018, Heinnovate Self-Assement – The first step in identifying the entrepreneurial and innovation aspects in a higher education institution. Case Study”, *Revista de Management și Inginerie Economică*, Vol. 7, No. 3 (69), p. 479. <http://www.rmee.org/69engleza.htm>
7. Obreja C.D., **Chiroșcă Ana Maria**, 2015. Preliminary Estimation of Ship Weight, *The Annals "Dunarea de Jos" University of Galati Fascicle XI - SHIPBUILDING*, Vol. 38, pp. 115-118. <https://www.gup.ugal.ro/ugaljournals/index.php/fanship/article/view/1393>

**A4 Lucrări publicate în volumele unor conferințe internaționale**

1. **Chiroșcă Ana-Maria**, Rusu Liliana, 2021. The Economic Importance of Navigation Along The Danube-Black Sea Channel, presented at XXIth International Multidisciplinary Scientific GeoConference Surveying, Geology and Mining, Ecology and Management – SGEM 2021, 14 -22 August, Albena, Bulgaria (proceeding in print) <https://www.sgem.org/>
2. **Chiroșcă Ana-Maria**, Rusu Liliana, Păcuraru Florin, 2021. Study on the behavior of benchmark container ships in regular waves, International Conference: Modern Technologies in Industrial Engineering IX (ModTech 2021), June 23-26, Eforie Nord, România, Vol. 1182. <https://doi.org/10.1088/1757-899X/1182/1/012013>, <https://iopscience.iop.org/article/10.1088/1757-899X/1182/1/012013/meta>
3. **Chiroșcă Ana-Maria**, Rusu Liliana, 2020. Statistical analysis of the types of ships that have crossed the European ports in the last decade. 20th SGEM International Scientific Conferences on Earth & Planetary Sciences, Extended Scientific Sessions „GREEN SCIENCE FOR GREEN LIFE” SGEM Vienna GREEN 8-11 December 2020, Vol. 20, 249-256, ISBN 978-619-7603-17-0. <https://doi.org/10.5593/sgem2020V/1.3/s02.31> (indexată Scopus)
4. **Chiroșcă Ana-Maria**, Gasparotti Carmen, 2020. Comparison between model test and numerical simulations for a container ship, Proceeding of the 5th International Conference on Maritime Technology and Engineering (Martech2020), Volum Developments in Maritime Technology and Engineering, Editor Francis & Taylor Group, UK, 16-19 November, Lisbon, Portugal, eBook ISBN 9781003216599 <https://www.taylorfrancis.com/chapters/edit/10.1201/9781003216599-9/comparison-model-test-numerical-simulations-container-ship-chirosca-gasparotti>
5. Vazdoaga, I., **Chirosca, A.**, Rusu, L., Popa, V. -I., 2020. Extreme phenomena on Danube hydrodynamics and the influence on the navigation conditions, 20th International Multidisciplinary Scientific GeoConference SGEM 2020, 18 - 24 August 2020, Vol. 20, 123-130, ISBN:978-619-7603-08-8 <https://doi.org/10.5593/sgem2020/3.1/s12.016> (indexată Scopus)
6. **Chiroșcă Ana-Maria**, Rusu Liliana 2020. Sea state characteristics and the maritime traffic in the European seas, 20th International Multidisciplinary Scientific

## Anexa 4 FV

GeoConference SGEM, 18 - 24 August, Vol. 20, 1314-2704, ISBN:978-619-7603-08-8, <https://doi.org/10.5593/sgem2020/3.1/s15.111> (indexată Scopus)

**A5 Lucrări prezentate la conferințe naționale cu participare internațională**

1. **Chiroșcă Ana-Maria**, Dănilă (Vâzdoagă) Ionela, Rusu Liliana, Popa Victor-Ionuț, Navigation conditions and restrictions along the Danube-Black Sea channel, presented at 9th edition of the Scientific Conference organized by the Doctoral Schools of “Dunărea de Jos” University of Galați (SCDS-UDJG), 10-11 June 2021, Galați, România
2. **Chiroșcă Ana-Maria**, Rusu Liliana, Evaluation of the maritime traffic, accidents and causalities in the European seas, presented at 9th edition of the Scientific Conference organized by the Doctoral Schools of “Dunărea de Jos” University of Galați (SCDS-UDJG), 10-11 June 2021, Galați, România
3. **Chiroșcă Ana-Maria**, Rusu Liliana, Analysis of the wave and wind conditions along the European seas for the last twenty years, presented at 9th edition of the Scientific Conference organized by the Doctoral Schools of “Dunărea de Jos” University of Galați (SCDS-UDJG), 10-11 June 2021, Galați, România
4. **Chiroșcă Ana-Maria**, Dănilă (Vâzdoagă) Ionela, Rusu Liliana, Popa Victor-Ionuț, 2020. Danube Hydrodynamics and Navigation Traffic, presented at 8th edition of the Scientific Conference organized by the Doctoral Schools of “Dunărea de Jos” University of Galați (SCDS-UDJG), 18-19 June 2020, Galați, România.
5. **Chiroșcă Ana-Maria**, Rusu Liliana, Marine Traffic on Mediterranean Seas and its Divisions, presented at 8th edition of the Scientific Conference organized by the Doctoral Schools of “Dunărea de Jos” University of Galați (SCDS-UDJG), 18-19 June 2020, Galați, România
6. **Chiroșcă Ana-Maria**, Rusu Liliana, Comparison Between Model Test and Three CFD Studies for a Benchmark Container Ship presented at 8th edition of the Scientific Conference organized by the Doctoral Schools of “Dunărea de Jos” University of Galați (SCDS-UDJG), 18-19 June 2020, Galați, România (award-winning presentation)
7. Obreja C.D., **Chiroșcă Ana Maria**, 2018. Theoretical and experimental investigation of a racing sailboat resistance, ARHINAV, National Students Symposium, Galați, 2018, ISSN 2601-3681, pag. 55.

**A6 Participări la proiecte**

- Parte integrată din grupul țintă – doctoranzi în cadrul proiectului Excelența academică și valori antreprenoriale - sistem de burse pentru asigurarea oportunităților de formare și dezvoltare a competențelor antreprenoriale ale doctoranzilor și postdoctoranzilor – ANTREPRENORDOC, POCU/380/6/13/ „Sprijin pentru doctoranzi și cercetători post-doctorat”, finanțat din Fondul Social European prin PROGRAMUL OPERAȚIONAL CAPITAL UMAN în perioada Mai 2021 - Mai 2022



Anexa 4 FV

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- Parte integrată din grupul țintă în cadrul Programului de instruire POSDRU/189/2.1/G/156695, "Sprijinirea tranziției studenților către piața muncii prin stagii de practică inovatoare în regiunea Sud-Est" în perioada iunie – august 2015

**Data: 26.01.2022**

**Semnătura:**





Anexa 4 FV

Nume Prenume: **Titire (Chiper) Larisa**

Gradul didactic: Asistent (doctorand)

Instituția unde este titular: Universitatea Dunărea de Jos

Facultatea: de Inginerie

Departamentul: Inginerie Mecanică

**L I S T A**

**lucrărilor științifice în domeniul disciplinelor din postul didactic**

**A. Teza de doctorat**

**B. Cărți și capitole în cărți publicate în ultimii 10 ani**

1. **Deleanu L., Pîrvu C., Georgescu C., Ojoc G.G., Titire Chiper L.,** Proiectarea reductoarelor cu roți dințate, Editura GUP, Galați, 2021

**C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani**

**ISI**

36. **Chiper Titire L., Musteata A. E., Cioromila (Cantaragiu) A., Cristea G. C., Ojoc G. G., Deleanu L.,** Characterization of Blend PA6 +EPDM (60/40) by Tensile Tests *Materialie Plastice (Mater. Plast.)*, 2021, Volume 58, Issue 3, 51-63, <https://doi.org/10.37358/MP.21.3.5503>
37. Georgescu, C.; Deleanu, L.; **Chiper Titire, L.**; Ceoromila, A.C. Tribology of Polymer Blends PBT + PTFE. *Materials* 2021, 14, 997. <https://doi.org/10.3390/ma14040997C>.
38. **Chiper L., Ojoc G.G., Deleanu L., Pîrvu C.,** SIMULATION OF IMPACT BEHAVIOR OF A GLASS YARN, participarea la Sesiunea Națională de Comunicări Științifice Studentești „Anghel Saligny” Ediția a XII-a, publicat în *Mechanical Testing and Diagnosis*, 2020, vol. 1(X), pp.10-17

**Data:**

9.11.2021

**Semnătura:**

## Anexa 4 FV

Nume Prenume: Gheorghe Gurău

Gradul didactic: Profesor

Instituția unde este titular: Universitatea Dunărea de Jos

Facultatea: de Inginerie

Departamentul: Inginerie Mecanică

**L I S T A****lucrărilor științifice în domeniul disciplinelor din postul didactic****A. Articole in reviste indexate ISI-WOS**

1. Gurau, G.; Gurau, C.; Fernandes, F.M.B.; Silva, R.J.C.; Marin, F. Using High Speed High Pressure Torsion for Cu–13Al–4Ni Shape Memory Alloy Processing. *Trans. Indian Inst. Met.* 2021, WOS:000642048200005, IF 1.499 (2020).
2. Gurau, C.; Gurau, G.; Tolea, F.; Popescu, B.; Banu, M.; Bujoreanu, L.-G. The Effect of the In-Situ Heat Treatment on the Martensitic Transformation and Specific Properties of the Fe-Mn-Si-Cr Shape Memory Alloys Processed by HSHPT Severe Plastic Deformation. *Materials (Basel)*. 2021, 14, 4621, WOS:000689390200001, IF 3.623 (2020).
3. Popescu, B.; Gurau, C.; Gurau, G.; Tolea, M.; Sofronie, M.; Tolea, F. Martensitic Transformation and Magnetic Properties of Ni<sub>57</sub>Fe<sub>18</sub>Ga<sub>25</sub> Shape Memory Alloy Subjected to Severe Plastic Deformation. *Trans. Indian Inst. Met.* 2021, WOS:000655084100001, IF 1.499 (2020).
4. Samomssa, I.; Nono, Y.J.; Cârâc, G.; Gurău, G.; Dinică, M.R.; Kamga, R. Optimization of fuel briquette production from cassava peels, plantain peels and corn cobs. *J. Mater. Cycles Waste Manag.* 2021, WOS:000664390600001, 23, 1905–1917, IF 2.863(2020).
5. Gheorghe Gurau; Carmela Gurau; Francisco Manuel Braz Fernandes; Petrica Alexandru; Vedamanickam Sampath; Mihaela Marin; Bogdan Mihai Galbinas, Structural Characteristics of Multilayered Ni-Ti Nanocomposite Fabricated by High Speed High Pressure Torsion (HSHPT) *Metals* 2020, Volume 10, Issue 12, 1629, WOS:000602499400001, IF=2.351 (2020)
6. Gurau, Carmela; Gurau, Gheorghe; Mitran, Valentina, Dan, Alexandru, Cimpean, Anisoara, The Influence of Severe Plastic Deformation on Microstructure and In Vitro Biocompatibility of the New Ti-Nb-Zr-Ta-Fe-O Alloy Composition, *MATERIALS* , Volume: 13 , Issue: 21 , Article Number: 4853 Published: NOV 2020, WOS:000589266700001, IF= 3.623 (2020)
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- Niendorf, T (Niendorf, Thomas); Bujoreanu, LG (Bujoreanu, Leandru-Gheorghe), Effects of Thermomechanical Processing on the Microstructure and Mechanical Properties of Fe-Based Alloys, JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE, WOS:000518081400001, IF= 1.476 (2020)
8. Gurau, C; Gurau, G; Tolea, F; Sampath, V, Structural evolution of the NiTi/NiFeGa smart hybrid material during severe plastic deformation, Digest Journal Of Nanomaterials And Biostructures, Volume: 14 Issue: 3 Pages: 539-546, Published: JUL-SEP 2019, Document Type: Article, WOS:000482729500004, IF=0.638 (2019).
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10. Gurau, G (Gurau, Gheorghe); Gurau, C (Gurau, Carmela); Tolea, F (Tolea, Felicia); Sampath, V (Sampath, Vedamanickam), Structural Change in Ni-Fe-Ga Magnetic Shape Memory Alloys after Severe Plastic Deformation, MATERIALS, Issue: 12, 2019, Volume: 12, Article Number: 1939, WOS:000473759400058, IF=2.972 (2019)
11. Gurau, C (Gurau, C.); Gurau, G (Gurau, G.)- autor corespondent; Tolea, F (Tolea, F.); Sampath, V (Sampath, V), STRUCTURAL EVOLUTION OF THE NiTi/NiFeGa SMART HYBRID MATERIAL DURING SEVERE PLASTIC DEFORMATION, DIGEST JOURNAL OF NANOMATERIALS AND BIOSTRUCTURES, Issue: 3, 2019, Volume: 14, Pages: 539-546, WOS:000482729500004, IF=0.638 (2018)
12. Paleu, V (Paleu, V); Gurau, G (Gurau, G.); Comaneci, RI (Comaneci, R., I); Sampath, V (Sampath, V); Gurau, C (Gurau, C.); Bujoreanu, LG (Bujoreanu, L. G.), A new application of Fe-28Mn-6Si-5Cr (mass%) shape memory alloy, for self-adjustable axial preloading of ball bearings, SMART MATERIALS AND STRUCTURES, Issue: 7, 2018, Volume: 27, Article Number: 075026, 11PP, WOS:000434708400002, IF= 3.543 (2018)
13. Gurau, C (Gurau, Carmela); Gurau, G (Gurau, Gheorghe)-Autor corespondent; Sampath, V (Sampath, V.), Structural study and phase transformation of Cu-Al-Ni shape memory alloy produced by severe plastic deformation, INDIAN JOURNAL OF ENGINEERING AND MATERIALS SCIENCES, Issue: 1, (2018) Volume: 25, Pages: 5-10, WOS:000435426100001, IF= 0.794(2018)
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- JOURNAL, Issue: 10, Volume: 14, 2015, Pages: 2457-2463, WOS:000366335000022, IF= 1.186(2018)
16. Bujoreanu, LG (Bujoreanu, L. G.); Comaneci, RI (Comaneci, R. I.) ; Gurau, G (Gurau, G.); Lohan, NM (Lohan, N. M.); Suru, MG (Suru, M. G.); Pricop, B (Pricop, B.); Goanta, V (Goanta, V.); Musat, V (Musat, V.); Istrate, B (Istrate, B.); Mihalache, E (Mihalache, E.), Thermomechanical training effects of multifunctional modules processed by high-speed high pressure torsion, INDIAN JOURNAL OF ENGINEERING AND MATERIALS SCIENCES, Issue: 4, 2015, Volume: 22, Pages: 367-375, WOS:000363078700001, IF= 0.794(2018)
17. Gurau, G (Gurau, Gheorghe); Gurau, C (Gurau, Carmela); Potecasu, O (Potecasu, Octavian); Alexandru, P (Alexandru, Petrica); Bujoreanu, LG (Bujoreanu, Leandro-Gheorghe), Novel High-Speed High Pressure Torsion Technology for Obtaining Fe-Mn-Si-Cr Shape Memory Alloy Active Elements, JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE, Issue: 7, 2014, Volume: 23 Pages: 2396-2402, WOS:000339010700018, IF= 1.476(2018)
18. Gurau, G (Gurau, G.); Gurau, C (Gurau, C.); Braz-Fernandes, FM (Braz-Fernandes, F. M.); Bujoreanu, LG (Bujoreanu, L. G.), An experimental study on the response of equal channel angular pressed aluminium subjected to cold rolling, INDIAN JOURNAL OF ENGINEERING AND MATERIALS SCIENCES, Issue: 3, 2014, Volume: 21, Pages: 253-258, WOS:000339305400002, IF= 0.794(2018)

**B. Articole in reviste indexate BDI**

1. Gurau, G., Gurau, C., Gurau, L., Achieving ultra-fine grained microalloyed steel by severe plastic process, IOP Conference Series: Materials Science and Engineering, Volume 485, Issue 1, 2019, Article number 012009 <https://www.scopus.com/record/display.uri?eid=2-s2.0-85063867814&origin=resultslist&sort=plf-f&src=s&sid=b16a2dc37b44958b199d1c4846b294b6&sot=autdocs&sdt=autdocs&sl=18&s=AU-ID%2836716151700%29&relpos=3&citeCnt=0&searchTerm=>
2. Popa, M., Pricop, B., Comaneci, R.-I., Gurau, G, Vollmer, M., Krooss, P, Niendorf, T., Bujoreanu, L.-G., Processing effects on tensile superelastic behaviour of Fe<sub>43.5</sub>Mn<sub>34</sub>Al<sub>15</sub> ± XNi<sub>7.5</sub> shape memory alloys, IOP Conference Series: Materials Science and Engineering, Volume 591, Issue 1, 2019, Article number 012026 <https://www.scopus.com/record/display.uri?eid=2-s2.0-85072100027&origin=resultslist&sort=plf-f&src=s&sid=b16a2dc37b44958b199d1c4846b294b6&sot=autdocs&sdt=autdocs&sl=18&s=AU-ID%2836716151700%29&relpos=0&citeCnt=0&searchTerm=>
3. Potecasu, F., Gurau, G., Busila, M. 8th International Conference on Material Science and Engineering, IOP Conference Series: Materials Science and Engineering Volume 485, Issue 1, 2019, Article number 011001 <https://www.scopus.com/record/display.uri?eid=2-s2.0-85063860095&origin=resultslist&sort=plf-f>

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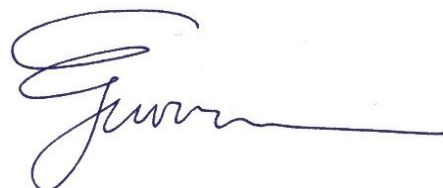
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4. Gurau, C., Gurau, G., Alexandru, P., Basliu, V., Formation of submicrocrystalline structure in a biodegradable Mg alloy, IOP Conference Series: Materials Science and Engineering Volume 485, Issue 1, 2019, Article number 012010  
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5. Filimon, V., Borda, D., Gurău, G., Butan, S., Alexe, P., Stoica, M., Study on the changes induced by the Pressure-Assisted Thermal Processing (PATP) in polymer films used as packaging by the meat industry, IOP Conference Series: Materials Science and Engineering Volume 485, Issue 1, 2019, Article number 012007  
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6. Marin, F.B., Marin, M., Gurău, C., Gurău, G., Artificial neural network (ANN) application to predict the mechanical properties in some iron-based powder metallurgy alloys, International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, Volume 19, Issue 2.1, 2019, Pages 115-121  
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7. Marin, M., Marin, F.B., Gurău, C., Gurău, G., Use of artificial neural network in prediction the wear resistance of some iron- based powder metallurgy , International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, Volume 19, Issue 2.1, 2019, Pages 689-695  
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8. Gurau, G., Gurau, C., Marin, M., Marin, F.B., On deformation behaviour and microstructural change of cu-9.51al-3.81ni alloy, 2018, International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, Volume 18, Issue 6.1, 2018, Pages 363-370  
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<https://www.scopus.com/record/display.uri?eid=2-s2.0-85058888335&origin=resultslist&sort=plf-f&src=s&sid=b16a2dc37b44958b199d1c4846b294b6&sot=autdocs&sdt=autdocs&sl=18&s=AU-ID%2836716151700%29&relpos=12&citeCnt=0&searchTerm=>
10. Marin, F.B., Marin, M., Gurău, G., Gurău, C., Petrică, A., Application of an artificial neural network for prediction of the wear resistance of sintered iron alloys, International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, Volume 18, Issue 6.1, 2018, Pages 55-60
11. Marin, M., Marin, F.B., Gurău, C., Gurău, G., Alexandru, P., Experimental and prediction of porosity in some sintered iron-based powder metallurgy materials by using artificial neural networks, International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, Volume 18, Issue 6.1, 2018, Pages 207-212  
<https://www.scopus.com/record/display.uri?eid=2-s2.0-85058878610&origin=resultslist&sort=plf-f&src=s&sid=b16a2dc37b44958b199d1c4846b294b6&sot=autdocs&sdt=autdocs&sl=18&s=AU-ID%2836716151700%29&relpos=13&citeCnt=0&searchTerm=>

**Data:** 14.10.2021

**Semnătura:**







Anexa 4 FV

Nume Prenume: Drăgan Mircea-Viorel

Gradul didactic: Conf.dr,ing.

Instituția unde este titular: „DUNĂREA DE JOS” DIN GALAȚI

Facultatea: de Inginerie

Departamentul: Ingineria Materialelor și Mediului

**L I S T A**

**lucrărilor științifice în domeniul disciplinelor din postul didactic**

**B. Teza de doctorat**

Cercetari privind procesul de realizare al unor acoperiri metalice si ceramice prin utilizare de pulberi. -1999, Universitatea „Dunarea de Jos”, Galați

**C. Cărți si capitole în cărți publicate în ultimii 10 ani**

-

**D. Lucrări indexate ISI/BDI publicate în ultimii 10 ani**

1. **V.M.Drăgan**, B D Tudor, L G Pintilie, Assessment of soil quality in an area with hydrocarbon exploitation activities. International Conference on Innovative Research - ICIR EUROINVENT 2019 IOP Conf. Series: Materials Science and Engineering 572 (2019) 012101 IOP Publishing doi:10.1088/1757-899X/572/1/012101

2. **V.M Drăgan**, B D Tudor, L G Pintilie, Determination of air quality in a petroleum extraction area,

International Conference on Innovative Research - ICIR EUROINVENT 2019 IOP Conf. Series: Materials Science and Engineering 572 (2019) 012100 IOP Publishing doi:10.1088/1757-899X/572/1/012100 2.V M

3. **Mircea-Viorel Drăgan**, MONITORING AIR QUALITY IN A SECTION OF METAL CONSTRUCTION, SCIENTIFIC CONFERENCE –GLOBALIZATION INTERCULTURAL DIALOGUE AND NATIONAL IDENTITY 6-th EDITION 25-26 MAY 2019 TIRGU MURES, ISBN: 978-606-8624-19-8,p.153

4. **Drăgan Mircea Viorel** -STUDIES ON WATER QUALITY IN THE DANUBE DELTA-THE INTERNATIONAL SCIENTIFIC CONFERENCE –GLOBALIZATION INTERCULTURAL DIALOGUE AND NATIONAL IDENTITY 5-th EDITION 25-26 MAY 2018 TIRGU MURES,ROMINIA,ISBN 978-606-93692-8-9 ,pag.1481.

5. Carmen Duma,. Vasile Bașliu, **Viorel Mircea Drăgan**- ASSESSMENT OF THE IMPACT OF ENVIRONMENTAL FACTORS FROM A SPACE CORRESPONDING TO A HIGHER EDUCATION INSTITUTION,18-th INTERNATIONAL MULTIDISCIPLINARY GEOCONFERENCE SGEM 2018,CONFERENCE PROCEEDINGS,VOL.18,2-8 JULY,ALBENA,BULGARIA,ISBN 978-619-7409-47-8,pag.121 -128

6. Carmen Duma, Vasile Bașliu, **Viorel Mircea Drăgan** -MONITORING THE DEGREE OF AIR POLLUTION FROM AN AREA CORRESPONDING TO A HIGHER EDUCATION INSTITUTION, 18-th INTERNATIONAL MULTIDISCIPLINARY GEOCONFERENCE SGEM2018,CONFERENCE PROCEEDINGS,VOL.18,2-8 JULY,ALBENA,BULGARIA,ISBN 978-619-7409-47-8,pag.655-660

7. S. Paraschiv, S.L. Paraschiv, M. Bordei, **V. Drăgan**, Analysis of temporal variation of NO<sub>2</sub> concentrations in an urban area, Conference: 18th International Multidisciplinary Scientific

## Anexa 4 FV

GeoConference SGEM2018, Albena, Bulgaria, ISBN 978-619-7409-47-8

8. A M Arcuș, V Bașliu\*, L G Tiron, **M V Drăgan**-Evaluation of the Environmental Impact of the Activities Carried Out in the Area of Murighiol Channel Tulcea County Euroinvent ICIR 2018 IOP Publishing IOP Conf. Series: Materials Science and Engineering 374 (2018) 012075 doi:10.1088/1757-899X/374/1/012075 -http://iopscience.iop.org/issue/1757-899X/3741.

9. **Viorel M. Drăgan**-HEALTH RISK MANAGEMENT IN AN ER HOSPITAL, The Proceedings of the International Conference Globalization, Intercultural Dialogue and National Identity, GIDNI 2 SOCIAL SCIENCES AND MANAGEMENT, 2017, 18-19 May Tîrgu-Mureș, ISBN 987-606-86 24 01-3-5-8, p 189-199-

10. **Viorel M. Drăgan**-HEALTH RISK MANAGEMENT IN AN ER HOSPITAL, The Proceedings of the International Conference Globalization, Intercultural Dialogue and National Identity, GIDNI 2 SOCIAL SCIENCES AND MANAGEMENT, 2017, 18-19 May Tîrgu-Mureș, ISBN 987-606-86 24 01-3-5-8, p 189-199-

11. **VIOREL M.DRĂGAN, BEATRICE D TUDOR**-IDENTIFYING AND MONITORING OF FACTORS THAT INFLUENCE THE AER QUALITY IN URBAN AGGLOMERATION AREA, 16 th INTERNATIONAL MULTIDISCIPLINARY SCIENTIFIC GEOCONFERENCE SGEM 2016, ISBN 978-619-7105-63-6 / ISSN 1314-2704, June 18-24, 2016, Book 5 Vol. 2, Bulgaria, p 403-410

12. BEATRICE D TUDOR, **VIOREL M.DRĂGAN**-STUDIES TO MONITOR NATURAL RADIOACTIVITY IN AN URBAN AREA, 16 th INTERNATIONAL MULTIDISCIPLINARY SCIENTIFIC GEOCONFERENCE SGEM 2016, ISBN 978-619-7105-63-6 / ISSN 1314-2704, June 18-24, 2016, Book 5 Vol. 1, Bulgaria, p 33-40.

13. Stela Constantinescu, **Viorel M. Drăgan**, Vasile Basliu-RESEARCH STUDY ON THE ENVIRONMENTAL RISK ASSESSMENT FOR PARTICULATE MATTER (PM10), 16 th INTERNATIONAL MULTIDISCIPLINARY SCIENTIFIC GEOCONFERENCE SGEM 2016, ISBN 978-619-7105-63-6 / ISSN 1314-2704, June 18-24, 2016, Book 5 Vol. 2, Bulgaria, p 3-110

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15. **Viorel M. Drăgan**-RISK MANAGEMENT OCCUPATIONAL DISEASE WITHIN THE SECTOR OF THERMIC TREATMENT, The Proceedings of the International Conference Globalization, Intercultural Dialogue and National Identity, GIDNI 2 SOCIAL SCIENCES AND MANAGEMENT, 2016, 19-20 May Tîrgu-Mureș, ISBN 987-606-93692-5-8, p 895-906.

16. Gina Genoveva Istrate, Simion Ioan Balint, Anisoara Ciocan, **Viorel M. Drăgan**-INFLUENCE OF TECHNOLOGICAL PARAMETERS ON LAYER THICKNESS TO OBTAIN Ni P ELECTROLITES COATINGS, 15 th INTERNATIONAL MULTIDISCIPLINARY SCIENTIFIC GEOCONFERENCE SGEM 2015, ISBN 978-619-7105-42-1 / ISSN 1314-2704, June 18-24, 2015, Book 6 Vol. 1, Bulgaria, p 113-125

17. **Viorel Mircea Drăgan**-STUDIES ON THE INFLUENCE OF NOISE ON HUMAN HEALTH IN GALATI COUNTY, The Proceedings of the International Conference Globalization, Intercultural Dialogue and National Identity, GIDNI 2 SOCIAL SCIENCES AND MANAGEMENT, Volume no. 2, 2015, 28 May Tîrgu-Mureș, ISBN 987-606-93692-5-8, p 249-255

18. **Viorel Mircea Drăgan**-MONITORING OF AIR QUALITY IN GALAȚI COUNTY, The

## Anexa 4 FV

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Tîrgu-Mureș, ISBN 987-606-93692-5-8, p 1185-1191

19.**Viorel Drăgan** -THE RISK MANAGEMENT OF WORK SECURITY IN A SECTION OF CONTINUOUS CASTING, Conferinței internaționale Globalization and intercultural Dialogue and National Identity(GIDNI- I)-Sectiunea Economy and Management,2014 ISBN 978-606-93691-3-5,p.580.

20.Tamara RADU, Anisoara CIOCAN, Maria VLAD, Simion Ioan BALINT, **Viorel DRĂGAN**- ENVIRONMENTAL RISK ASSESSMENT IN THE GALVANIZING OF STEEL SHEETS, SGEM Conference Proceedings (abstracts+full papers) (ISSN: 1314-2704),Vol V, pp.391-397, indexed by ISI Web of Knowledge, Web of Science and also CrossRef DOI: 10.5593/sgem2012, JUNE,ALBENA BULGARIA

**E. Lucrări publicate în ultimii 10 anii în reviste și volume de conferințe cu referenți (neindexate)**

1. Dragomir Ștefan, **Drăgan Viorel**-ECONOMIC ELEMENTS ON THE STORAGE OF WASTE IN LANDFILLS THE 22nd EDITION OF THE NAV-MAR-EDU INTERNATIONAL SCIENTIFIC CONFERENCE ISSN 1843-6749,10-13 noiembrie 2011,CONSTANȚA,p250

2. Dragomir Ștefan, **Drăgan Viorel**-ABOUT THE COST OF WASTE COLLECTION AND DISPOSAL IN THE SOUTH-EAST DEVELOPMENT AREA IN , THE 22nd EDITION OF THE NAV-MAR-EDU INTERNATIONAL SCIENTIFIC CONFERENCE ISSN 1843-6749, 11-13 noiembrie 2011, CONSTANȚA,p258

3.Beatrice Tudor,**Viorel Drăgan**,Anisoara Ciocan-INCREASING THE SLABS QUALITY BY IMPROVING THE CONTINUOUS CASTING TECHNOLOGY,Lucrările Conferinței Internaționale,UGALMAT 2011,21-22 oct.,ISSN 1843-5807, Galați ,p148-153.

4.**Viorel Drăgan**,Crina Dragan-THE IMPACT OF REFRIGERANT AGENTS ON THE ENVIRONMENT, Lucrările Conferinței Internaționale,UGALMAT 2011,21-22 oct.,ISSN 1843-5807, Galati ,p 267-276

5.**Viorel Drăgan**, Alexandru Chiriac,Marian NEACSU-CONTRIBUTION TO THE STUDY OF SOME SPECIAL MATERIALS FROM THE SYSTEM Al-Mn-Fe,NEW TRENDS IN ENVIRONMENTAL AND MATERIALS ENGINEERING,TEME MAY 18-20,2011,GALATI

6.Tamara RADU, Florentina POTECASU, Maria VLAD, **Viorel DRĂGAN** -RESEARCH ON OBTAINING AND CHARACTERIZATION OF ZINC MICRO-ALLOYED WITH BISMUTH COATINGS,19<sup>TH</sup> INTERNATIONAL CONFERENCE ON METALLURGY AND MATERIALS,May 19-20 2010,CZECH REPUBLIC,ISBN 978-80-87294,p154

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8.**Drăgan Mircea Viorel**, Drăgan Violeta Crina Universitatea „Dunărea de Jos”,Galați. Colegiul Tehnic „Radu Negru –ABORDARI CURRICULARE ,Simpozion International-Pledoarie pentru tehnica-Ed.a X-a ,19 mai 2018,Colegiul Tehnic -Mircea cel Batrin- Bucuresti,ISSN 2066-463X,p177

9.**Drăgan Mircea Viorel**, Drăgan Violeta Crina Universitatea „Dunărea de Jos”,Galați. Colegiul



Anexa 4 FV

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10.**Drăgan.M Viorel** coordinator Elev Ionascu Adrian,Reciclarea maselor plastice-Colegiul Tehnic Radu Negru Galati-Concursul Interjudetian TEHNO STIL EDITTIA. A V-a calitate de evaluator al Proiectului EducationalConcursul Interjudetian TEHNO STIL EDITTIA. A V-a COPIILOR ȘI ADOLESCENȚILOR „Sesiunea regional de comunicari stiintifice,Proiectul educational –Nonviolenta este arma celor puternici,ISSN-L2360-0578

11.**Drăgan Mircea Viorel**,Drăgan Violeta Crina, -EVALUARE PRIN “METODA PROIECTULUI”,CONCURSUL ELEVII DINCLASELE CU PROFIL TEHNIC-EDMOND NICOLAE,Editia aXII-a ,Craiova,18 mai 2018

12.**Drăgan M.Viorel**-Reciclarea deseurilor de aluminiu din industrie cu un continut ridicat de aluminiu, SIMPOZIONUL NAȚIONAL,„EDMOND NICOLAU”Ediția a X-a, 14 mai 2016 ISSN 2069-9530,Constanta.

13.Dragan C.Violeta,**Drăgan M.Viorel**-Exemple de bune practici-Firme de exercitiu,Simpozion International Noutati in didactica,Erasmus,Lumea noua,viata noua,27.02.2016

14.Dragan C.Violeta,**Drăgan M.Viorel**-Exemple de bune practici-Firme de exercitiu,Simpozion International Noutati in didactica,Erasmus,Lumea noua,viata noua,27.02.2016

15. Dragan V. Crina, **Viorel Mircea Drăgan**-Iazurile de decantare si modul de evaluare a riscului asupra mediului,Sipozionul Internațional Disponibilității Creative Lume,Ed.a VII,15.02.2016,ISMB 978 -606 576 -712 -6,Editura Pin

16. Dragan V. Crina, **Viorel Mircea Drăgan**- Monitorizarea radițiilor globale dintr o zona de agrement din Galați,Sipozionul Internațional Disponibilității Creative IV Lume,Ed.a VI,15.02.2015,ISMB 978 -606 576 -703 -4,Editura Pin Iasi

17.Lucica BALINT, Simion Ioan BALINT, **Viorel DRĂGAN**,Beatrice TUDOR Environmental issues in galvanizing process into the microalloyed melts, Research Quality In Doctoral School Increased Industrial And International Visibility,13 – 14 July 2011 “Dunarea de Jos” University of Galati.

18.Maria Vlad, Lucica Balint, Tamara Radu, Simion Ioan Balint, **Viorel Drăgan**, NVIRONMENTAL ISSUES IN GALVANIZING PROCESS INTO THE MICROALLOYED MELTS, University „Dunărea de Jos” of Galati, lbalint@ugal.ro WORKSHOP Research Quality in Doctoral School Increased Industrial and International Visibility, POS DRU 19524, 13 – 14 iulie 2011, Galați

19.Stefan DRAGOMIR, Maria VLAD, **DRĂGAN Viorel**, Stefan BALTA Ecological House, the First Step towards Developing the Concept of Passive House Dunarea de Jos University of Galati, Romania,WORKSHOP Research Quality in Doctoral School Increased Industrial and International Visibility POS DRU 19524, 13 – 14 iulie 2011, Galați .

**E:Brevete obținute în întreaga activitate**

-

**Data:**

**Semnătura:**

05.11.2021



Anexa 4 FV

Nume Prenume: Alexandru Petrică

Gradul didactic: conferențiar

Instituția unde este titular: Universitatea „Dunărea de Jos” din Galați

Facultatea: de Inginerie

Departamentul: Ingineria Materialelor și a Mediului

**L I S T A**

**lucrărilor științifice în domeniul disciplinelor din postul didactic**

**A. Teza de doctorat**

Cercetări privind distribuția tensiunilor termice și structurale în piese masive din oțel, Universitatea „Dunărea de Jos”, 2002, domeniul Știința și ingineria materialelor

**B. Cărți și capitole în cărți publicate în ultimii 10 ani**

**C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani**

1. Structural Characteristics of Multilayered Ni-Ti Nanocomposite Fabricated by High Speed High Pressure Torsion (HSHPT), Gurau, G; Gurau, C; Fernandes, FMB; Alexandru, P; Sampath, V ; Marin, M; Galbinas, BM, METALS, Volume: 10 Issue: 12, Article Number: 1629, DOI: 10.3390/met10121629, Published: DEC 2020;
2. Obtaining and Characterizing Phosphatic Porcelain, Potecasu, F, Alexandru, P, THE ANNALS OF “DUNAREA DE JOS”UNIVERSITY OF GALATI, fascicle IX. Metallurgy And Materials Science no. 4-2020, ISSN 2668-4748; e-ISSN 2668-4756D;
3. Petrica Alexandru, Bogdan Gabriel Carp, Determination of Correlation Between Composition, Rolling Parameters and Mechanical Characteristics of the Hot Rolled Steels, MATERIALE PLASTICE, volume 56, 2019, January
4. Petrica Alexandru, Tamara Radu, Florentina Potecasu, Maria Vlad, Gina Genoveva Istrate, Daniela L. Buruiana, Bogdan - Gabriel Carp, Structural Analysis of Thin Ni-P Layers, REVISTA DE CHIMIE, volume 70, 2019, April.
5. 1. Morphological and optical characterization of transparent thin films obtained at low temperature using ZnO nanoparticles, A. ALEXA, N. TIGAU, P. ALEXANDRU, A. PIMENTE, R. BRANQUINHO, D. SALGUEIRO, T. CALMEIRO, R MARTINS, E FORTUNATO, V. MUȘAT - JOAM, Vol. 17, No. 9-10, September – October 2015, p. 1288 – 1295, 2015, IF 0.429;
6. 2. Magnetic Materials From Co-Precipitated Ferrite Nanoparticles Viorica MUȘAT, Octavian POTECAȘU, Radu BELEA, Petrică ALEXANDRU Materials Science &



## Anexa 4 FV

- Engineering. B, Solid-State Materials For Advanced Technology, ISSN 0921-5107, vol. 167, nr. 2, pag. 85-90, 15 martie 2010;
7. Material Hardened with Fine Films of Dispersed Oxyde Through Plastic Deformation  
Octavian POTECAȘU, Florentina POTECAȘU, Elena DRUGESCU, Petrică ALEXANDRU, Metalurgia International, special issue nr.11/2009, ISSN 1582 – 2214, pag. 56 – 61;
  8. Characterization of some powders used as addition materials in laser cladding technology  
Sanda LEVCOVICI, Petrică ALEXANDRU, Simona BOICIUC, Metalurgia International, nr.2/2009, ISSN 1582 – 2214, pag. 49 – 55;
  9. Research regarding the influence of the deformation degree on the characteristics of deep drawing sheet steel  
Octavian POTECAȘU, Tamara RADU, Florentina POTECAȘU, Petrică ALEXANDRU, Metalurgia International, No. 4/2008, ISSN 1582 – 2214, pag. 16 – 23;
  10. Blast furnace iron lining runners in term of structural characterisation, Marian BORDEI, Anisoara CIOCAN, Florentina POTECAȘU, Petrică ALEXANDRU, Metalurgia International, No. 5/2008, ISSN 1582 – 2214, pag. 45 – 48;
  11. Researches on the Viscoplastic Behavior of a CrMo Alloyed Steel Nicolae CĂNĂNĂU, Petrică ALEXANDRU, Liviu GURĂU, Gh. GURĂU The Annals Of ‘Dunărea De Jos’ University Of Galați ,Fascicle IX Metallurgy And Material Science, ISSN 1453 –083X, nr. 1/2009, pag. 23-27;
  12. Steel Straps with High Breaking Strength Obtained Through Continuous Flux Thermal Treatment, Elena DRUGESCU, Tiberiu POTECAȘU, Octavian POTECAȘU, Petrică ALEXANDRU, SIM 2009 – Buletinul Institutului Politehnic din Iasi, 2009, tomul LV(LIX), fasc.1, pag 215-221;
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  14. Experimental Studies Regarding the Implementation Possibilities of a Quality Control System for Ceramic Products in Continuous Flux Production, Tiberiu POTECAȘU, Octavian POTECAȘU, Petrică ALEXANDRU, Luminița DUMITRIU, Rui SILVA The Annals Of ‘Dunărea De Jos’ University Of Galați ,Fascicle IX Metallurgy And Material Science, ISSN 1453 –083X, nr. 1/2009, pag. 33-41;
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  16. XRD Analysis in Front of a Corrosion Crack tip, C. S. LEVCOVICI, V. PĂUNOIU, L. GHEORGHIEȘ, C. OANCEA, I. OSTACHE, P. ALEXANDRU The Annals Of ‘Dunărea De Jos’ University Fascicle IX Metallurgy And Material Science, ISSN 1453 – 083X, 2008 No. 1, , pag.37-46;





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17. The Influence of Cold Rolling on the Mechanical Characteristics for Drawing Steels  
Octavian POTECASU, Florentina POTECASU, Petrică ALEXANDRU, Tamara RADU,  
The Annals Of ‘Dunărea De Jos’ University Of Galați , Fascicle IX Metallurgy And  
Material Science, ISSN 1453 –083X, 2008 No. 1, pag.55-61

**D. Lucrări publicate în ultimii 10 anii în reviste și volume de conferințe cu referenți**

**(neindexate)**

**- Reviste**

**- Selecție cu maximum 20 lucrări în volume de conferințe**

**E. Brevete obținute în întreaga activitate**

1. Method and machine for severe plastic deformation by high pressure torsion of shape memory alloys cone active elements (coautor) Gheorghe Gurau, Leandru Gheorghe Bujoreanu, Nicolae Cananau, Petrica Alexandru, Carmela Gurau; RO129900-A2 ; RO129900-B1, Patent Assignee Name(s) and Code(s): UNIV GALATI DUNAREA JOS (UYGA-Non-standard), Derwent Primary Accession Number: 2015-10391H;
2. Instalație de acoperiere a benzilor, (coautor). Dumitru Potecașu Octavian, Petrică Alexandru, Mircea Pesceanu, Hanganu Doru, Brevet OSIM nr.117073/2003;
3. Procedeu de indreptare a bramelor turnate continuu si masina de tragere si indreptare (coautor), Cănanau Nicolae, Potecașu Octavian, Gurău Gheorghe, Petrică Alexandru, Brevet OSIM nr. 122025/2008.

**Data: 14.11.2021**

**Semnătura:**



Anexa 4 FV

Nume Prenume: Viorica Ghisman

Gradul didactic: As. dr. ing.

Instituția unde este titular: Universitatea Dunarea de Jos Galați

Facultatea: Inginerie

Departamentul: Ingineria Materialelor si a Mediului

**L I S T A**

**lucrărilor științifice în domeniul disciplinelor din postul didactic**

**A. Teza de doctorat**

Materiale hibride multifuncționale pe bază de polimeri sintetici și naturali

**B. Cărți și capitole în cărți publicate în ultimii 10 ani**

1. Îndrumar pentru seminarii LEGISLAȚIA MEDIULUI, Gabriel-Bogdan CARP, Viorica GHISMAN, Daniela Laura BURUIANĂ, pag. 122, Editura Zigotto, Galați
2. Îndrumar de laborator **Nanomateriale și Nanotehnologii**, Bușilă Mariana și **Viorica Ghisman**, ISBN 978-606-696-040-3, Galați University Press, 2015

**C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani**

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2. Buruiana Daniela Laura, Herbei Elena Emanuela, Ceoromila Alina Mihaela, Busila Mariana, Trus Constantin, Bogatu Nicoleta (Simionescu), Ghisman Viorica, Investigation of Corrosion of A and E36 Naval Steels Using Potentiodynamic Polarization and Modified Prohesion Test, International Journal of Electrochemical Science, doi: 10.20964/2021.11.37, No: 160459, ISI, IF-1,765.
3. **Ghisman Pleșcan Viorica**, Viorica Mușat, Ana Pimentel, Tomas R.Calmeiro, Emanuel Carlos, Liliana Baroiu, Rodrigo Martins, Elvira Fortunato, Hybrid (Ag)ZnO/Cs/PMMA nanocomposite thin films, Journal of Alloys and Compounds, 803 (2019) 922-933, ISI, IF (2018)-4.175
4. Agripina Zaharia, **Viorica Ghisman Pleșcan**, Irina Atkinson, Oana Catalina Mocioiu, Alina Cantaragiu, Viorica Musat, Remineralization of Natural Tooth Enamel in Artificial Saliva Environment, Revista de Chimie, 68, no. 3 (2017) 510-514, IF (2016) = 1.232
5. Agripina Zaharia, Viorica Mușat, Elena Maria Anghel, Irina Atkinson, Oana-Cătălina Mocioiu, Mariana Bușilă, **Viorica Ghisman Pleșcan**, Biomimetic chitosan-hydroxyapatite hybrid biocoatings for enamel remineralization, Ceramics International, 43 (2017) 11390–11402, IF (2016) = 2.986
6. Agripina Zaharia, **Viorica Ghisman Pleșcan**, Elena Maria Anghel, Viorica Musat, Human Dentine Remineralization Under Non-collagen Materials Action, Revista de Chimie, 68, no. 5 (2017) 928-932, IF (2016) = 1.232

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7. Agripina Zaharia, Viorica Mușat, **Viorica Pleșcan Ghisman**, Baroiu Nicușor, Antimicrobial hybrid biocompatible materials based on acrylic copolymers modified with (Ag)ZnO/chitosan composite nanoparticles, *European Polymer Journal* 87 (2016) 550-564, IF(2015) = 3.485
8. Agripina Zaharia, **Viorica Pleșcan Ghisman**, Corina Laura Ștefănescu, Viorica Mușat - Thermal, morphological and structural characterization of chitosan-modified hybrid materials for prosthodontics, *Rev. Chim.* 67/10 (2016) 2022-2027, IF(2015) = 0.956
9. Aurel Tăbăcaru, Mariana Bușilă, **Viorica (Ghisman) Pleșcan** and Viorica Mușat - Photocatalytic study of organosilane-modified zinc oxide nanoparticles, *Analele Universității Ovidius din Constanța- Seria Chimie*, 26, nr. 2 (2015) 61-66

**D. Lucrări publicate în ultimii 10 anii în reviste și volume de conferințe cu referenți (neindexate)**

**- Selecție cu maximum 20 lucrări în volume de conferințe**

1. Effect of Biopolymer Grafting on PMMA-based Thin Film Properties for Transparent and Flexible Electronics, Viorica Musat, **Viorica Ghisman Pleșcan**, Ana Pimentel, Rodrigo Martins, Elvira Fortunato, The 5th International Conference on Polymers Processing in Engineering PPE 2019, 7-9 october 2019, Galați
2. Multifunctional hybrid thin films, from transparent and flexible electronics to medical applications, Viorica Musat, Elena Emanuela Herbei, **Viorica Ghisman**, Michael P.M. Jank, Susanne Oertel, Daniel Timpu, Ana Pimentel, Rodrigo Martins, Elvira Fortunato, Seminarul Național de Nanoștiință și Nanotehnologie (SNN), 24 octombrie 2019, Iași
3. Chitosan-hydroxyapatite nanocomposite layers for enamel remineralization, **Viorica Ghisman Pleșcan**, Agripina Zaharia, Elena Maria Anghel, Irina Atkinson, Oana Catalina Mocioiu, Mariana Bușilă, Viorica Mușat, 14th International Conference on Nanosciences & Nanotechnologies, 4-7 iulie 2017, Thessaloniki, Greece
4. Thermal behaviour and dielectric properties of ZrO<sub>2</sub>-PMMA hybrid systems and spin-coated thin films, Elena Emanuela Herbei, **Viorica Pleșcan (Ghisman)**, Susane Oertel, Daniel Timpu, Michael P.M. Jank, Viorica Musat, 14th International Conference on Nanosciences & Nanotechnologies, 4-7 iulie 2017, Thessaloniki, Greece
5. Thermal and Mechanical Properties of Hybrid Materials Based on Acrylic Resins Modified with Chitosan and ZnO/Chitosan Nanoparticles, **Viorica Pleșcan (Ghisman)**, Petrică Alexandru, Andreea Dediu, Mariana Bușilă, Viorica Mușat, Conferința Școlilor Doctorale CSSD-UDJG, 8-9 iunie 2017, Galați, ediția a V-a
6. Effect of chitosan properties of the thermal and mechanical properties of some composite materials with acrylic matrix, **Viorica Pleșcan (Ghisman)**, Mariana Bușilă, Petrică Alexandru, Andreea Dediu, Rodica Dinică, Viorica Mușat, oral presentation at Scientific Conference of Doctoral Schools CSSD-UDJG 2-3 june 2016, four edition, Galați.
7. Hybrid nanomaterials as dielectric gate for thin films transistors, **Viorica Pleșcan (Ghisman)**, Elena Emanuela Herbei, Silviu Epure, Laurențiu Frangu, Alexandru Petrică, Timpu Daniel, Viorica Musat oral presentation at Scientific Conference of Doctoral Schools CSSD-UDJG 4-5 june 2015, third edition, Galați
8. Effect of chitosan on the regeneration of tooth enamel using emdogain gel bioactive template, Agripina Zaharia, Mariana Bușilă, Irina Atkinson, Elena Maria Anghel, Oana Cătălina Mocioiu, **Viorica Ghisman Pleșcan**, Viorica Mușat, poster section 8, International Conference of Physical Chemistry ROMPHYSHEM 16, 21-23 september 2016, Galati, Romania.



Anexa 4 FV

**9.** Effect of doping concentration and temperature on the morphology and cristallinity of Al:ZnO nanostructured films grown from aqueous solution, V. Mușat, M. Mazilu, P. Alexandru, O. Potecașu, **V. Ghisman**, P. Munitzer and A. Dinescu, (poster), EMRS Spring 2015, Lille, Franța, 10-15 may 2015

**10.** Cu, Co and Mn doped ZnO 1D and 2D nanostructured films grown by hydrothermal method, V. Musat, N. Tigau, M. Busila, **V. Ghisman Pleșcan**, F. Comanescu, A. Dinescu, M. Purica, poster I-P2 44, EMRS Spring 2015, Lille, Franța, 10-15 may 2015

**1. Brevete** (pentru întreaga activitate)

1. Daniela Laura Buruiana, Puiu Lucian Georgescu, Gabriel Bogdan Carp, Viorica Ghisman, Catalin Cristian Stancic, Imbunatatirea mixturilor asfaltice cu grit dese si microplastice, nr. a 2021 00119, data depozit 18.03.2021

**F. Contracte** (pentru întreaga activitate)

1. JOINT OPERATIONAL PROGRAMME BLACK SEA BASIN 2014-2020, Project “Establishment of Learning Network for the consolidation effort of joint environmental control and monitoring in the Black Sea Basin 2”, Project Acronym: LeNetEco 2, Project Number: BSB-1088 ) (EXPERT IN MONITORING METHODOLOGY)

2. POCU/320/6/21/121659 – Învățământ terțiar inovativ corelat cu strategia de dezvoltare inteligentă (membru)

3. Proiectul FP7 Nr. 263042/2011, abreviat POINTS (asistent cercetare (membru))

4. PN-II-PT-PCCA-2013-4-2014 Contract: Nr. 27/2014(asistent cercetare (membru))

**Data: 15.11.2021**

**Semnătura:**



Anexa 4 FV

Nume Prenume: Mariana Dumitrescu

Gradul didactic: Profesor

Instituția unde este titular: Universitatea Dunarea de Jos din Galati

Facultatea: Facultatea de Automatica, Calculatoare, Inginerie electrica si electronica

Departamentul Automatica si inginerie electrica

**L I S T A**

**lucrărilor științifice în domeniul disciplinelor din postul didactic**

**A. Teza de doctorat**

Diploma Doctor in Inginerie la Universitatea "Dunărea de Jos" din Galați, pentru teza "Configurarea structurii și protecția sistemului electroenergetic al navei pe criterii de fiabilitate".

**B. Cărți si capitole**

1. DUMITRESCU M. - ENERGIE ELECTRICĂ - Producere, Transport, Distribuție - Editura Didactică și Pedagogică București, 2003, ISBN 973-30-2139-3, 302 pagini.
2. DUMITRESCU M. - ENERGIE ELECTRICĂ. Fiabilitate - Tehnici Actuale de Analiză - Editura Didactică și Pedagogică București, 2003, ISBN 973-30-2187-3, 165 pagini.
3. DUMITRESCU M. – INSTALATII ELECTROENERGETICE - Editura Europlus Galati, 2007, ISBN (10) 973-7845-18-8, ISBN (13) 978-973-7845-18-4, 202 pagini.
4. DUMITRESCU M., MUNTEANU T – ELECTROTEHNICA - Editura Europlus Galati, 2006, ISBN (10) 973-7845-26-9, ISBN (13) 978-973-7845-26-9, 241 pagini.
5. Book Chapter, -Chapter Title: [Electric Generator Automation and Protection System Fuzzy Safety Analysis Mariana Dumitrescu](#) in [Studies in Computational Intelligence](#), ISSN: 1860-949X, 2010, Volume 299, [Intelligent Systems: From Theory to Practice](#), Pages 433-444, DOI: 10.1007/ 978-3-642-13428-9, ISBN 978-3-642-13427-2, e-ISBN 978-3-642-13428-9, 2010 Springer- Verlag Berlin Heidelberg, Series Ed.: Kacprzyk, Janusz, <http://www.springer.com/series/7092>

**C. Lucrări indexate ISI/BDI**

## Anexa 4 FV

1. Overview on Efficient Naval Power Architecture  
Mariana Dumitrescu  
Journal MDPI Multidisciplinary Digital Publishing Institute *MDPI Journal-Proceedings* 2020, Volume 63 (Issue 1), 22, ISSN 2504-3900  
<https://www.mdpi.com/2504-3900/63/1/22>
2. Isolated Power System Safety Analysis  
Mariana Dumitrescu  
Journal MDPI Multidisciplinary Digital Publishing Institute *MDPI Journal-Proceedings* 2020, Volume 63 (Issue 1), 21, ISSN 2504-3900  
<https://www.mdpi.com/2504-3900/63/1/21>
3. Influence of power quality and efficiency for an energy delivery system real study case application  
Mariana Dumitrescu  
QUALITY-ACCESS TO SUCCESS Volume: 20 Supplement: 1 Pages: 283-286 Published: JAN 2019  
[http://apps.webofknowledge.com/full\\_record.do?product=WOS&search\\_mode=GeneralSearch&qid=7&SID=F2qeekKSxsj83pRsSFs&page=1&doc=1](http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=7&SID=F2qeekKSxsj83pRsSFs&page=1&doc=1)
4. ACTIVE POWER FILTER CONTROL STRATEGY CHOOSING BY M-TOOL APPLICATION  
Gelu Gurguiatu, Ciprian Daniel Bălănuță, Alexandru Dușa, Emil Mina Roșu, Ion Voncilă, Mariana Dumitrescu  
ISEEE-2019 The 6 th IEEE International Symposium on Electrical and Electronics Engineering October 18-20, 2019 Galați, Romania  
<https://ieeexplore.ieee.org/document/9136154>
5. Design Study Case Overview for Naval Power Generation and Delivery  
Mariana Dumitrescu  
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ANNALS OF THE ROMANIAN-GERMAN UNIVERSITY OF SIBIU - ECONOMICS, ISSN: 2392 - 733X ISSN-L: 2392 - 6791 (previous ISSN: 1583-4271), BURG PUBLISHING HOUSE 550137 – Sibiu, 23, Rîului St., Romania, vol 14/2015, pp 11-18

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**- Selecție cu maximum 20 lucrări în volume de conferințe**

1 Intelligent Electrical Micro Network Application with Distributed Energy Resources

Mariana Dumitrescu, Dunarea de Jos University, Galati, Romania

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- 8 Micro-Networks Technical Approaches - AC versus DC Supply - Consumers Testing Mariana Dumitrescu, Gelu Gurguiatu, Toader Munteanu, Daniel Balanuta  
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- 9 ECONOMIC EFFICIENCY COMPUTING FOR FAILURE - TOLERANT TECHNICAL SYSTEMS USING ARTIFICIAL INTELLIGENCE  
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**Data:** 10. 11.2021

**Semnătura:** Mariana . Dumitrescu

A handwritten signature in black ink, appearing to be 'M. Dumitrescu', written below the printed name.



Anexa 4 FV

Nume Prenume: AMORARITEI MIHAELA

Gradul didactic: conferentiar

Instituția unde este titular: Universitatea Dunărea de Jos din Galați

Facultatea: Arhitectura Navala

Departamentul: Arhitectura Navala

**L I S T A**

**lucrărilor științifice în domeniul disciplinelor din postul didactic**

**A. Teza de doctorat**

2010, Diplomă de doctor, Domeniul fundamental de doctorat: Științe Inginerești, titlul de doctor în domeniul Automatică, Universitatea „Dunărea de Jos” din Galați, Facultatea de Inginerie Electrică și Electronică, Titlul tezei: „Contribuții privind conducerea automată a sistemelor autonome de conversie a energiilor regenerabile”, conducător științific Prof.dr.ing. Emil Ceangă

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9. C. Vlad, Bancila M. A., Munteanu T., Murariu G., „Using renewable energy sources for electric vehicles charging”, 4th International Symposium on Electrical and Electronics Engineering (ISEEE), Galati, Romania, 11-13 Oct. 2013, doi 10.1109/ISEEE.2013.6674350, 2013, Articol indexat ISI Proceedings;
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11. C. Vlad, Marian Barbu, Silviu Epure, „Low power autonomous wind system automatic control”, 13th International Conference on Development and Application systems, Suceava, Romania, 19-21 Mai, 2016, pp. 57-62, ISBN: 978-1-5090-1993-9, doi:10.1109/DAAS.2016.7492548, Articol indexat ISI Proceedings;
12. C. Vlad, Silviu Epure, Gelu Gurguiatu, Ciprian Daniel Bălănuță, Toader Munteanu, „Small power wind system automatic control”, 13th International Conference on Development and Application systems, Suceava, Romania, 19-21 Mai, 2016, pp. 113-120, ISBN: 978-1-5090-1993-9, doi:10.1109/DAAS.2016.7492558, Articol indexat ISI Proceedings;

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14. Silviu Epure, Ciprian Vlad, Romeo Păduraru, Marian Barbu, „INTELSIS–Photovoltaic Test Bench. First Experimental Results”, 22nd IEEE International Conference on Emerging Technologies and Factory Automation - ETFA 2017, WOS:000427812000189, 12-15 September, Limassol, Cyprus, 2017, *Articol indexat ISI Proceedings*;
15. Ciprian Vlad, Romeo Păduraru, Silviu Epure, Marian Barbu, Cristinel Dache, Cristian Victor Lungu, „PV emulation under commercially available programmable DC voltage source”, 5th International Symposium on Electrical and Electronics Engineering – ISEEE 2017, 20-22 October, Galati, Romania, WOS:000428234400047, 2017, *Articol indexat ISI Proceedings*;
16. Silviu Epure, **Ciprian Vlad**, Romeo Păduraru, „Hardware configuration of DC-DC converter for renewable energies conversion”, 5th International Symposium on Electrical and Electronics Engineering – ISEEE 2017, Special session 3 - Power Electronics and Renewable Energy, 20-22 October, Galati, Romania, WOS:000428234400073, 2017, *Articol indexat ISI Proceedings*;
17. **Ciprian Vlad**, Emil Ceangă, Marian Barbu, Ramon Vilanova, „Prediction Techniques in Control of Energy Micro-Systems Based on Renewable Sources”, 21st International Conference on System Theory, Control and Computing (ICSTCC), October 19 - 21, Sinaia, Romania, WOS:000427419900133, 2017, *Articol indexat ISI Proceedings*;
18. Gabriel Murariu; Dan Munteanu; Alexandru Dorosencu; Adrian Murariu; Lucian Dinca; Marian Tudor; Mihai Daniel Dragu; **Ciprian Vlad**; Silviu Stanciu, „The identification method of tree species using UV–VIS–IR technology and deep learning methods. Case study – Independenta Forest”, Published in: 2018 22nd International Conference on System Theory, Control and Computing (ICSTCC), doi: 10.1109/ICSTCC.2018.8540779, pp: 524 – 528, *Articol indexat ISI Proceedings*;
19. **Ciprian Vlad**; Adriana Burlibașa; Romeo Păduraru; Silviu Epure; Cristinel Dache; Cristian Victor Lungu; Lucian Puiu Georgescu; Gabriel Murariu, „Wind Turbine Emulation Using Permanent Magnet Synchronous Generator”, Published in: 2018 22nd International Conference on System Theory, Control and Computing (ICSTCC), doi: 10.1109/ICSTCC.2018.8540664, pp. 46-52, *Articol indexat ISI Proceedings*;
20. Urem F.; **Vlad C.**; Voncila I., „Education for technology transfer to small and medium entrepreneurship - Results of the T4 project implementation”, 42nd International Convention on Information and Communication Technology, Electronics and Microelectronics (MIPRO), Opatija, Croatia, May 20-24, WOS:000484544500256, 2019, *Articol indexat ISI Proceedings*;
21. **Vlad**, Mînză V., Barbu M., „Gain scheduling control for wind energy conversion optimization”, 16th International Conference on System Theory, Control and Computing, ICSTCC 2012 - Joint Conference Proceedings, Sinaia, 2012, *Articol indexat SCOPUS*;
22. **C. Vlad**, Burlibașa A, Munteanu T, Gurguiatu G. and Barbu M., „Test rig for stand-alone small power wind turbine emulation for variable wind and load”, International Conference on Renewable Energies and Power Quality (ICREPQ'13), Bilbao, 2013, *Articol indexat Google Scholar*;
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**24.** Barbu M., Caraman S., **C. Vlad**, Nicolau T., Ceangă E., „Hierarchical control system for recirculating aquaculture processes”, 16th International Conference on System Theory, Control and Computing, ICSTCC 2012 - Joint Conference Proceedings, Sinaia, 2012, *Articol indexat SCOPUS*;

**25.** **C. Vlad**, Caraman S., Carp D., Minzu V., Barbu M., „Gain Scheduling control of dissolved oxygen concentration in a wastewater treatment process”, 20th Mediterranean Conference on Control and Automation, MED 2012 - Conference Proceedings, Barcelona, 2012, *Articol indexat SCOPUS*;

**26.** George Petrea, Ciprian Vlad, Cătălin Aramă, Marian Crăciun, „A survey on applications for hotel management system and tourists”, Annals of “Dunarea de Jos” University of Galati, Mathematics, Physics, Theoretical Mechanics Fascicle II, YEAR XII (XLIII) 2020, no. 2, pp. 94-101, Articol indexat EBSCO;

**27.** Daniel Ganea, Marian Crăciun, Cătălin Aramă, Ciprian Vlad, Advances in education through IoT, Annals of “Dunarea de Jos” University of Galati, Mathematics, Physics, Theoretical Mechanics Fascicle II, YEAR XII (XLIII) 2020, no. 2, pp. 102-107, Articol indexat EBSCO;

**28.** Daniel Ganea, Marian Crăciun, Cătălin Aramă, Ciprian Vlad, Integrating LMS and IoT in the educational system, Annals of “Dunarea de Jos” University of Galati, Mathematics, Physics, Theoretical Mechanics Fascicle II, YEAR XII (XLIII) 2020, no. 2, pp. 115-120, Articol indexat EBSCO;

**29.** George Petrea, Ciprian Vlad, Cătălin Aramă, Marian Crăciun, Bogdan Ionescu, QR code based access control system for hotels, Annals of “Dunarea de Jos” University of Galati, Mathematics, Physics, Theoretical Mechanics Fascicle II, YEAR XII (XLIII) 2020, no. 2, pp. 121-126, Articol indexat EBSCO.

**D. Lucrări publicate în ultimii 10 anii în reviste și volume de conferințe cu referenți (neindexate)**

- Reviste

C.

- Selecție cu maximum 20 lucrări în volume de conferințe

1.

**1. Brevete obținute în întreaga activitate**

1. -

**Data:**

**Semnătura:**

**Conf.dr.ing. Ciprian Vlad**



Anexa 4 FV

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17.10.2021

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Anexa 4 FV

Nume Prenume: Costin Madalin

Gradul didactic: Sl. dr. Ing.

Instituția unde este titular: Universitatea „Dunărea de Jos” din Galați

Facultatea: Automatică, Calculatoare, Inginerie Electrică și Electronică

Departamentul: Automatică și Inginerie Electrică

**L I S T A**

**lucrărilor științifice în domeniul disciplinelor din postul didactic**

**A. Teza de doctorat**

CERCETĂRI ȘI CONTRIBUȚII ASUPRA STRUCTURILOR DE CONVERSIE ELECTROMECHANICĂ ÎN SISTEMELE EOLIENE, 2012, Universitare “Dunărea de Jos” Galați, Conducător științific: Prof. Dr. Ing. Grigore Fetecau

**B. Cărți și capitole în cărți publicate în ultimii 10 ani**

1. **M. Costin**, Oancă Maricel: Elemente de Inginerie Electrică, Editura Fundației Universitare “Dunărea de Jos” Galați, 2018, ISBN 978-973-627-598-2, 238 pag., 2017.

**C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani**

1. **M. Costin** and C. Lazar, "Predictive Control of a Two-Input Two-Output Current System for Permanent Magnet Synchronous Machines," 2021 25th International Conference on Methods and Models in Automation and Robotics (MMAR), 2021, pp. 7-12, doi: 10.1109/MMAR49549.2021.9528476.
2. **M. Costin** and C. Lazar, "Predictive dq Current Control of an Induction Motor," 2021 25th International Conference on System Theory, Control and Computing (ICSTCC), 2021, pp. 637-642, doi: 10.1109/ICSTCC52150.2021.9607241.
3. I. Voncilă, I. Paraschiv and **M. Costin**, "The Influence of Saturation on the Performance of PMSM," 2021 7th International Symposium on Electrical and Electronics Engineering (ISEEE), 2021, pp. 1-6, doi: 10.1109/ISEEE53383.2021.9628538.
4. **M. Costin** and C. Lazar, "Predictive Control of a Two-Input Two-Output Current System for Permanent Magnet Synchronous Machines," 2021 25th International Conference on Methods and Models in Automation and Robotics (MMAR), 2021, pp. 7-12, doi: 10.1109/MMAR49549.2021.9528476.
5. **M. Costin** and C. Lazar, "Predictive dq Current Control of an Induction Motor," 2021 25th International Conference on System Theory, Control and Computing (ICSTCC), 2021, pp. 637-642, doi: 10.1109/ICSTCC52150.2021.9607241.
6. I. Voncilă, I. Paraschiv and **M. Costin**, "The Influence of Saturation on the Performance of PMSM," 2021 7th International Symposium on Electrical and Electronics Engineering (ISEEE), 2021, pp. 1-6, doi: 10.1109/ISEEE53383.2021.9628538
7. **COSTIN, MĂDĂLIN**. IMPLEMENTATION ISSUES FOR ONE-STEP-AHEAD PREDICTIVE CONTROL OF AN INDUCTION MACHINE. Bul. Inst. Polit. Iași, Vol. 66 (70), Nr. 1, 2020.

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8. **Mădălin Costin**, Ion Voncilă, Ion Bivol, A Priori Cost of the Energy to Perform Movement on a Predefined Path, Acta Polytechnica Hungarica Vol. 15, No. 7, 2018.
9. **Mădălin Costin**, Marian Gaiceanu, Improving the environmental impact of wind turbines Journal of environmental protection and ecology 14(2): January 2013, 592-600.
10. **Madalin Costin**, Ion Bivol, Ion Voncila, Evaluation of PV panels by a Spline Fuzzy Approximation and Classification Method, International Symposium on Fundamentals of Electrical Engineering, 2018.
11. **Ion Paraschiv, Mădălin Costin**, Ion Voncilă, Grigore Fetecău (2013) - The influence of Stirling engine friction factor on the output performance of the induction generator in an integrated cogeneration system - Scientific Bulletin of the Electrical Engineering Faculty – Year 13 No.2 (22), ISSN 1843-6188, Pp. 36-42.
12. Ion Paraschiv, **Mădălin Costin**, Ion Voncilă, Grigore Fetecău (2013) - THE INFLUENCE OF FRICTION FACTOR VARIATIONS ON THE OUPUT PERFORMANCES OF AN INTEGRATED COGENERATION SYSTEM EQUIPED WITH DOUBLE FED INDUCTION GENERATOR - “ANNALS OF CONSTANTA MARITIME UNIVERSITY”, year XV, Section III, Electronics, Electrical Engineering and Computer Science vol. 20, pp. 147-152, 2013.
13. [Dobrota, I.](#), [Costin, M.](#) [Voncila, I.](#), [Fetecau, G.](#),” [Permanent magnet synchronous motor optimization design for electric drives](#)” , 4th International Symposium on Electrical and Electronics Engineering (ISEEE) USB, 978-1-4799-2441-7, Proceedings of 2013 4th International Symposium on Electrical and Electronics Engineering (ISEEE), [10.1109/ISEEE.2013.6674361](#).
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1. Ion Paraschiv, Ion Voncila, **Madalin Costin**, Sergiu Ivas - Electrical Field Distribution Analysis on Human Being Placed under High Voltage Lines; Analele Universitatii "Eftimie Murgu" Reșița, Fascicula de Inginerie, Vol. 23, No. 1 (2016), pag. 261-272, ISSN Printed version ISSN 1453-7397 Online version ISSN 2344-4568.
2. Sergiu Ivas, **Madalin Costin** - Optimal Design of DC Electromagnets Based on Imposed Dynamic Characteristics; Analele Universitatii "Eftimie Murgu" Reșița, Fascicula de Inginerie, Vol. 23, No. 1 (2016), pag. 145-154, ISSN Printed version ISSN 1453-7397 Online version ISSN 2344-4568.
3. **Mădălin Costin**, Ion Dobrotă, Ion Voncilă (2013) - Thermal approach of aspect ratio on design of electrical machines - Scientific Bulletin of the Electrical Engineering Faculty – Year 13 No.2 (22), ISSN 1843-6188, Pp. 5-9.
15. **M. Costin**, I. Voncilă, G. Fetecău, Joule Power Losses Optimization of Permanent Magnet Synchronous Generator by an Optimal Selection of total Slots Number, ISSN 1843-6188 Scientific Bulletin of the Electrical Engineering Faculty – Year 12 No. 1(18), 2012.
16. **M. Costin**, I. Voncilă, G. Fetecău, “Optimal Selection of Stator Turns Number at Permanent Magnet Synchronous Generator”, “ANNALS OF CONSTANTA MARITIME UNIVERSITY”, year XII, Section III, Electronics, Electrical Engineering and Computer Science vol. 17, pp. 171-176, 2012.
17. **M. Costin**, I. Voncilă, G. Fetecău, “Optimal Selection of Slot Area of Permanent Magnet Synchronous Generator”, “ANNALS OF CONSTANTA MARITIME UNIVERSITY“, year XIII, Section III, Electronics, Electrical Engineering and Computer Science vol.17, pp. 177-184, 2012.



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18. **M. Costin**, I. Voncilă, G. Fetecău, “Optimal Selection of Slots Number per Pole And Phase at Rotational Electrical Generators”, Buletinul AGIR nr. 3/2012 iunie-august, pp. 307 – 3014, ISSN 2247-3548, 2012.
19. I. Voncilă, **M. Costin**, „Integrated system of production and adjustment of AC electric energy parameters for low power isolated sites that use wind energy as primary energy”, Annals of the University of Craiova, Electrical Engineering series, No. 35, 2011, pp. 134-139, ISSN 1842-4805.

**D. Lucrări publicate în ultimii 10 anii în reviste și volume de conferințe cu referenți (neindexate)**

**- Reviste**

1.

**- Selecție cu maximum 20 lucrări în volume de conferințe**

1.

**1. Brevete obținute în întreaga activitate**

1.

**Data: 15.11.2021**

**Semnătura:**



Anexa 4 FV

---

Nume Prenume: Necula Raluca Elena

Gradul didactic: Asistent drd.Ing

Instituția unde este titular: Universitatea Dunarea de Jos Galați

Facultatea: Automatica, Calculatoare, Inginerie Electrica si Electronica

Departamentul: Electronica de Putere si Actionari Electrice

**L I S T A**

**lucrărilor științifice în domeniul disciplinelor din postul didactic**



Anexa 4 FV

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Nume Prenume: Stănescu Ionel

Gradul didactic: Student-doctorand.

Instituția unde este titular: Universitatea Dunarea de Jos Galați

Facultatea: Facultatea de Automatică, Calculatoare, Inginerie, Electrică și Electronică

Departamentul:

**L I S T A**

**lucrărilor științifice în domeniul disciplinelor din postul didactic**



Anexa 4 FV

Nume Prenume: Culea-Florescu Anisia-Luiza

Gradul didactic: Șef lucrări

Instituția unde este titular: UDJG

Facultatea: ACIEE

Departamentul: ETC

**Listă de lucrări**

**Culea-Florescu Anisia-Luiza**

**A. Teză de doctorat**

Anisia Florescu. **Algoritmi de estimare a vectorilor rari**. UPB, București, 2013, Conducător:  
Prof. Dr. Ing. Silviu Chiochină

**B. Cărți si capitole în cărți**

1. Dorel Aiordachioaie, Th.D.Popescu, and A. Culea-Florescu, **Advances in Signal Processing: Reviews**, Book Series, Vol. 2, Chapter 8. Feature selection from time-frequency images for change detection, IFSA Publishing, S.L. (Barcelona, Spain), 2020
2. Aiordăchioaie D., Culea-Florescu A. **Prelucrarea statistică și informațională a semnalelor**. Galați University Press, 2016, ISBN 978-606-696-070-0
3. Aiordăchioaie Dorel, Culea Florescu Anisia, **Analiza si sinteza circuitelor si sistemelor. Îndrumar de laborator**, Galați University Press, 2014, ISBN 978-606-696-016-8
4. Emil Ceanga, Anisia Florescu, Mihai Culea, **Analiza și Sinteza Circuitelor și Sistemelor**, Galați University Press, Oct.2010, ISBN 978-606-8008-77-6

**C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani**

1. Simona Moldovanu, Felicia Anisoara Damian Michis, Keka C. Biswas, Anisia Culea-Florescu, Luminita Moraru. **Skin Lesion Classification Based on Surface Fractal Dimensions and Statistical Color Cluster Features Using an Ensemble of Machine Learning Techniques**. MDPI, Cancers. <https://www.mdpi.com/2072-6694/13/21/5256>
2. Theodor D. Popescu, Dorel Aiordăchioaie, Anisia Culea-Florescu. **Basic tools for vibration analysis with applications to predictive maintenance of rotating machines: an overview**. The International Journal of Advanced Manufacturing Technology. *ISI, Scopus, Science Direct*
3. Theodor D. Popescu, Dorel Aiordachioaie, Anisia Culea-Florescu. **Signal Processing in Vibration Analysis with Application in Predictive Maintenance of Rotating Machines**. International Journal on Advances in Systems and Measurements, issn 1942-261x vol. 13, no. 1 & 2, 2020 ,pp.119-130, *ISI, Scopus, Science Direct*
4. Moraru, L., Moldovanu, S., Culea-Florescu, A.-L., Bibicu, D., Dey, N., Ashour, A. S. and Sherratt, S. **Texture spectrum coupled with entropy and homogeneity image features for myocardium muscle characterization**. Current Bioinformatics. Jan. 2018, ISSN 2212-392X  
*ISI, Scopus, Science Direct*



5. Luminița Moraru, Simona Moldovanu, Anisia-Luiza Culea-Florescu, Dorin Bibicu, Amira S Ashour, Nilanjan Dey, **Texture analysis of parasitological liver fibrosis images**, Microscopy Research and Technique, Volume 80, Issue 8, August 2017, Pages 862–869, 10.1002/jemt.22875  
*ISI, Scopus, Science Direct*
6. Anisia Florescu, Emilie Chouzenoux, Jean-Christophe Pesquet, Philippe Ciuciu, Silviu Ciochină. **A Majorize-Minimize Memory Gradient Method for Complex-Valued Inverse Problems**. **Signal Processing**, Image Restoration and Enhancement: Recent Advances and Applications, Vol. 103, pp 285-295, Oct. 2014. *ISI, Scopus, Science Direct*
7. Anisia Florescu, Dorel Aiordăchioaie. **A Distortion Input Parameter in Image Denoising Algorithms with Wavelets**. The Annals of “Dunarea de Jos”, University of Galati, Fascicle III, Electrotechnics, Electronics, Automatic Control, Informatic, Vol.32, No.1, ISSN 1221-454x, pp. 48-53, Galati, 2009, *Revistă CNCSIS categoria B+*.
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9. Theodor D. Popescu, Dorel Aiordachioaie, Anisia Culea-Florescu. **Vibration Analysis with Application in Predictive Maintenance of Rolling Element Bearings**. International Conference on Emerging Networks and Systems Intelligence. pp:28-33, ISSN: 2326-9383, 22-26.09.2019, Porto, Portugalia Baza ISI Thomson Reuters Web of Science [ISI Proceedings].
10. Dorel Aiordachioaie, Anisia Culea-Florescu, Sorin Marius Pavel. **On thermal image pre-processing for fusion and classification purposes**. The 6 th International Symposium on Electrical and Electronics Engineering October 18-20, 2019 Galați, Romania. <http://www.iseee.ugal.ro/2019/>. Baza ISI Thomson Reuters Web of Science [ISI Proceedings]
11. Georgiana Roșu, Angela Digulescu, Ion Candel, Alexandru Șerbănescu, Anisia Culea-Florescu, Miuța Carmina Rau, Octavian Baltag. **The MCG Filtering based on the Phase Diagram Representation Domain**. IEE 12th International Conference on Communications, Bucharest, Romania, 14-16 June 2018 Baza ISI Thomson Reuters Web of Science [ISI Proceedings].
12. Anisia Culea-Florescu, Mihai Culea, Dorel Aiordachioaie, **Sparse paradigm for change detection applications**, The 5<sup>th</sup> International Symposium on Electrical and Electronics Engineering (ISEEE-2017), 20- 22 October 2017, Galati ROMANIA, ISBN 978-1-5386-2059-5 Baza ISI Thomson Reuters Web of Science [ISI Proceedings].
13. Irina Murgan;Angela Digulescu,Ion Candel;Cornel Ioana;Anisia-Luiza Culea-Florescu; Alexandru Șerbănescu; **Multimodal sensing of erosive cavitation phenomena**. OCEANS – Anchorage, 2017; 18-21 Sept. 2017; Anchorage, AK, USA; ISBN: 978-0-6929-4690-9 Baza ISI Thomson Reuters Web of Science [ISI Proceedings].
14. Dorel Aiordachioaie, Anisia Culea –Florescu, **On the fusion of the airborne ultrasonic images with adaptive computation of the weights** .IEEE 11th International Conference on Communications - COMM 2016, ISBN: 978-1-4673-8198-7 Baza ISI Thomson Reuters Web of Science [ISI Proceedings].

15. Anisia Culea-Florescu, Dorel Aiordachioaie. **Some Results on Change Detection Based on Advanced Signal Processing Paradigm**. The IEEE International Conference – 8th Edition Electronics, Computers and Artificial Intelligence, (ECAI-2016), 30 June-02 July, Bucharest, România, pp. 1-6, ISSN:1843 – 2115 Baza ISI Thomson Reuters Web of Science [ISI Proceedings].
16. Emilie Chouzenoux, Jean-Christophe Pesquet and Anisia Florescu. **A Stochastic 3MG Algorithm with Application to 2D Filter Identification**. 20th European Signal Processing Conference, pp. 1587-1591, Portugal, Lisbon, 1-5 September 2014, Baza ISI Thomson Reuters Web of Science [ISI Proceedings].
17. Emilie Chouzenoux, Jean-Christophe Pesquet and Anisia Florescu. **A Multi-Parameter Optimization Approach for Complex Continuous Sparse Modelling**. 19th International Conference on Digital Signal Processing, pp. 817-820, Hong Kong, China, 20- 23 August 2014, BDI IEEE Xplore Digital Library, Scopus, INSPEC.
18. Anisia Florescu, Emilie Chouzenoux, Jean-Christophe Pesquet, Silviu Ciochină. **Cramer-Rao Bound for a Sparse Complex Model**. IEEE 10th International Conference on Communications, pp. 1-4, Bucharest, Romania, May 2014, Baza ISI Thomson Reuters Web of Science [ISI Proceedings].
19. Anisia Florescu, Emilie Chouzenoux, Jean-Christophe Pesquet, Philippe Ciuciu, Silviu Ciochină. **Complex-Valued Majorize Minimize Memory Gradient Method with Application to Parallel MRI**. 19th European Signal Processing Conference, Marrakech, Maroc, 9-13 September, 2013, Baza ISI Thomson Reuters Web of Science [ISI Proceedings].
20. Anisia Florescu, Emilie Chouzenoux, Jean-Christophe Pesquet, Silviu Ciochină. **A Constrained Optimization Approach for Complex Sparse Perturbed Models**. Signal Processing with Adaptive Sparse Structured Representations, Lausanne, Switzerland, 8-11 July, 2013, BDI Digital Library, CiteSeerX.
21. Anisia Florescu, Silviu Ciochină. **A Multiple Choice Greedy Algorithm for Resolution Improvement of Spectral Lines Identification**. IEEE International Symposium on Electronics and Telecommunications, pp. 351 – 354, Timișoara, Romania, 15-16 November 2012, Baza ISI Thomson Reuters Web of Science [ISI Proceedings, ISBN 978-1-4673-1177-9].
22. Anisia Florescu, Silviu Ciochină. **Refining Accuracy of the Spectral Lines Estimation by a Sparsity Based Approach**. IEEE 9th International Conference on Communications, pp. 47-50, Bucharest, Romania, 21-23 June 2012, Baza ISI Thomson Reuters Web of Science [ISI Proceedings, ISBN 978-1-4577-0057-6].
23. Traian-Lucian Militaru, George Suciuc, Gyorgy Todoran, Anisia Florescu, Vlad Poenaru, Laurentiu Nae, Cristian Cernat. **Rule Based Expert Systems Running over the Cloud. Intelligent Networking and Collaborative Systems**, ISBN: 978-1-4673- 2279-9, pp. 495 – 496, Bucharest, Romania, 19-21 September 2012, BDI IEEE Xplore Digital Library.
24. Anisia Florescu, Dorel Aiordachioaie. **On Image Denoising With Wavelet- A Case Study By Considering a Priory Distortion**. IEE 8th International Conference on Communications, pp. 161 – 164, Bucharest, Romania, 10-12 June 2010, Baza ISI Thomson Reuters Web of Science [ISI Proceedings, ISBN 978-1-4244-6360-2].



Anexa 4 FV

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**25. J. S. Armand Eyebe Fouda, Anisia Florescu, Mihai Culea, Martin Kom. Optimization of the number of iterations in the iterative weighted neighborhood filtering.** IEEE 3rd International Symposium on Electrical and Electronics Engineering, pp.250 – 255, Galati, Romania, 16-18 September 2010, BDI IEEE Xplore Digital Library.

**26. Dorel Aiordachioaie, Gabriel Sirbu, Anisia Florescu. On Modeling of the Air Transmission Channel for Sonar Systems.** IEEE 3rd International Symposium on Electrical and Electronics Engineering, pp. 287 – 290, Galati, Romania, 16-18 September 2010, BDI IEEE Xplore Digital Library.

**Data:**

**28.01.2022**

**Semnătura:**

A handwritten signature in black ink, appearing to be 'D. Aiordachioaie', written over the printed text 'Semnătura:'.



Nume Prenume: Nistor Nicusor

Gradul didactic: Sef Lucrari Doctor

Instituția unde este titular: Universitatea Dunarea de Jos Galați

Facultatea: Automatica Calculatoare Inginerie Electrica si Electronica

Departamentul: Electronica si Telecomunicatii

## L I S T A

### lucrărilor științifice în domeniul disciplinelor din postul didactic

**ATEza de doctorat cu titlul:** “Contribuții la creșterea randamentului unei mașini termice cu aer cald, prin controlul mișcării în sisteme elastice cuplate magneto-mecanic”, 2016.

#### **B.Cărți si capitole în cărți publicate în ultimii 10 anii**

- Indrumar de laborator, la disciplina Tehnica Microundelor. (2017)
- Indrumar de laborator, la disciplina Electronica Analogica, coautor: Bogdan Dumitrascu. (2017)

#### **C.Lucrări indexate ISI/BDI publicate în ultimii 10 anii**

1. On the use of Virtual Negative Resistance in Physical Selective Electronic Circuits 2021  
N Nistor, R Belea, D Aiordachioaie, 2021 IEEE 27th International Symposium for Design and Technology.
2. 3D tracking system at maximum solar emissivity with microcontroller 2020  
B Dumitrascu, L Baicu, AC Florescu, N Nistor, 2020 IEEE 26th International Symposium for Design and Technology
3. Dynamic adaptation of power emissivity for mobile microstrip antennas in a variable impedance environment with microcontroller, L Baicu, B Dumitrascu, M Culea, N Nistor, 2020 IEEE 26th International Symposium for Design and Technology 2020
4. Monitoring Current Variation using Pattern Recognition Algorithm Implemented in Automotive DC Driving Servomechanism 2019  
N Nistor, L Baicu, B Dumitrascu, 2019 IEEE 25th International Symposium for Design and Technology.
5. Voltage Software Optimization Control for Constant Frequency Commutation of a BLDC Sensorless Motor 2019

## Anexa 4 FV

- B Dumitrascu, L Baicu, M Andrei, N Nistor, 2019 IEEE 25th International Symposium for Design and Technology.
6. Optimization of a Domestic Microcontroller Application that Operates with Long Standby Time Intervals 2019  
M Andrei, R Belea, N Nistor, 2019 IEEE 25th International Symposium for Design and Technology.
  7. Nonlinear Transformations Applied to Image Processing on the RGB LED Display 2018  
M Andrei, S Moldovanu, N Nistor, 2018 IEEE 24th International Symposium for Design and Technology.
  8. Change Detection in Time-Frequency Images by Feature Processing in Compressed Spaces 2018  
D Aiordăchioaie, N Nistor, M Andrei, 2018 IEEE 24th International Symposium for Design and Technology.
  9. Broadband RF Adaptive Antenna With Automatic SWR Control by Using MEMS-RF Technology and Microcontroller Process 2018  
N Nistor, B Dumitrascu, L Baicu, 2018 IEEE 24th International Symposium for Design and Technology.
  10. Analysis of transient signals by feature extraction from time-frequency images 2017  
B Dumitrascu, N Nistor, D Aiordăchioaie, 2017 IEEE 23rd International Symposium for Design and Technology
  11. On microstrip parameter estimation, based on the design topology of the nonlinear transformation 2017  
N Nistor, L Baicu, N Cazacu, G Tudor, 2017 IEEE 23rd International Symposium for Design and Technology.
  12. Study on the influence of atmospheric parameters on the accuracy of the geodetic measurements 2017  
G Murariu, V Hahuie, L Georgescu, M Arseni, C Iticescu, AG Murariu, AIP Conference Proceedings 1796 (1), 040009
  13. The Behavior of two Coupled Mechanical Oscillators in Non-linear Fields and the Possibility of Obtaining Controlled Halts 2016  
N Nistor, C Gheorghies, N Cazacu, G Tudor, Journal of Advances in Mathematics and Computer Science, 1-23
  14. The motion equation of a spring-magnet-mass system placed in nonlinear magnetic field. An analytical solution of elliptic sine form functions 2016  
N Nistor, C Gheorghies, N Cazacu, Journal of Advances in Mathematics and Computer Science, 1-15
  15. SPECIFIC DATA ACQUISITION SYSTEM FOR A STIRLING ENGINE. 2015



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N Nistor, G Murariu, L Georgescu, C Gheorghies, Annals of the University Dunarea de Jos of Galati: Fascicle II, \ Mathematics.

**16. ALGORITHM TO FIND THE GENERAL LAWS OF MOTION OF THE DOUBLE OSCILLATOR, BY USING ADVANCE TRANSFORMATIONS ON 1-PARAMETRIC VECTOR SPACE  $R^2$ .** 2014

N Nistor, C Gheorghies, N Cazacu, Annals of the University Dunarea de Jos of Galati: Fascicle II, Mathematics.

**17. ANALYTICAL SOLUTIONS FOR FREE OSCILLATING SYSTEM USING MAPLE SOFTWARE.** 2014

G Murariu, N Nistor, L Georgescu, C Iticescu, C Vlad, Annals of the University Dunarea de Jos of Galati: Fascicle II, Mathematics.

**18. NUMERICAL APPROACHING OF A STIRLING ENGINE SYSTEM.** 2014

G Murariu, AG Murariu, N Nistor, Annals of the University Dunarea de Jos of Galati: Fascicle II, Mathematics.

**19. Study of analytical function of correlation for random parameter process**

N Nistor, C Gheorghies, Annals of "Dunarea de Jos" University of Galati, Fascicle V, Technologies.

**D.Lucrări publicate în ultimii 10 anii în reviste și volume de conferințe cu referenți, neindexate.**

**E.Brevete obținute în întreaga activitate**

**Data: 15.11.2021**

**Semnătura:**





Anexa 4 FV

Nume Prenume: Crăciun Marian Viorel

Gradul didactic: Șef lucrări

Instituția unde este titular: Universitatea „Dunărea de Jos” din Galați

Facultatea: Automatică, Calculatoare, Inginerie Electrică și Electronică

Departamentul: Calculatoare și Tehnologia Informației

**L I S T A**

**lucrărilor științifice în domeniul disciplinelor din postul didactic**

**A. Teza de doctorat**

Titlul tezei: *Contribuții privind utilizarea sistemelor inteligente hibride în extragerea de cunoștințe de predicție din cantități mari de date*

Domeniul: **Știința calculatoarelor** (O.M. 4387 / 06.06.2011)

Coordonator științific: Prof. Dr. Ing. Severin Bumbaru

**B. Cărți și capitole în cărți publicate în ultimii 10 ani**

1.

**C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani**

1. **Crăciun M.V.**, Cocu A., Dumitriu L., *Predictability score-based feature selection*, System Theory, Control and Computing (ICSTCC), 2012, 16th International Conference of, 2012.
2. Daniel Ganea, **Marian Crăciun**, Cătălin Aramă, Ciprian Vlad, *Advances in education through IoT*, Annals of “Dunărea de Jos” University of Galati, Fascicle II - MATHEMATICS, PHYSICS, THEORETICAL MECHANICS, YEAR XII (XLIII) 2020, No. 2.
3. George Petrea, Ciprian Vlad, Cătălin Aramă, **Marian Crăciun**, *A survey on applications for hotel management system and tourists*, Annals of “Dunărea de Jos” University of Galati, Fascicle II - MATHEMATICS, PHYSICS, THEORETICAL MECHANICS, YEAR XII (XLIII) 2020, No. 2.
4. George Petrea, Ciprian Vlad, Cătălin Aramă, **Marian Crăciun**, Bogdan Ionescu, *QR code based access control system for hotels*, 2020/11/26, Analele Universității” Dunărea de Jos” din Galați. Fascicula II, Matematică, fizică, mecanică teoretică/Annals of the” Dunărea de Jos” University of Galati. Fascicle II, Mathematics, Physics, Theoretical Mechanics, 43 (2), 121-126.
5. Daniel Ganea, **Marian Crăciun**, Cătălin Aramă, Ciprian Vlad, *Integrating LMS and IoT in the Educational System*, 2020/11/26, Analele Universității” Dunărea de Jos” din Galați. Fascicula II, Matematică, fizică, mecanică teoretică/Annals of the” Dunărea de Jos”



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University of Galati. Fascicle II, Mathematics, Physics, Theoretical Mechanics, 43 (2), 115-120.

**D. Lucrări publicate în ultimii 10 anii în reviste și volume de conferințe cu referenți (neindexate)**

**- Reviste**

1.

**- Selecție cu maximum 20 lucrări în volume de conferințe**

1.

**E. Brevete obținute în întreaga activitate**

1.

**Data: 18.10.2021**

**Semnătura:**



Anexa 4 FV

Nume Prenume: Crînganu Jenică

Gradul didactic: Conf. dr.

Instituția unde este titular: universitatea Dunarea de Jos Galați

Facultatea: Științe și Mediu

Departamentul: Matematică-Informatică

**L I S T A**

**lucrărilor științifice în domeniul disciplinelor din postul didactic**

**A. Teza de doctorat** “*Puncte critice și metode variaționale. Aplicații: Problema Neumann pentru  $p$ -Laplacean*”, Universitatea București, Facultatea de Matematică, 2001, îndrumător prof. univ. dr. George Dincă

**C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani**

**Lucrări în reviste indexate ISI**

1. **Jenica Cringanu**, *New Improved Inequalities Associated with Ratios of Gamma Functions*, Hindawi, Journal of Mathematics, Volume 2021, Article ID 2008466, 4 pages, <https://doi.org/10.1155/2021/2008466>;
2. **J. Cringanu**, *Improving some inequalities associated with the Euler-Mascheroni constant*, Journal of Mathematical Inequalities, Volume: 13 Issue: 3, Pages: 667-673, 2019;
3. **J. Cringanu**, *Inequalities associated with ratios of Gamma functions*, Bulletin of the Australian Mathematical Society, Vol 97, No 3 (2018), 453-457;
4. N. Tigau, S. Condurache-Bota, R. Drasovean, **J. Cringanu**, R. Gavrilă, *Vacuum annealing effect on the structural and optical properties of antimony trioxide thin films*, Romanian Journal of Physics 62, 604 (2017), 1-10;
5. **Crînganu Jenică**, Pașca Daniel, Stoica Cristina, *A Note on the Relative Equilibria Bifurcations in the  $(2N+1)$ -Body Problem*, Journal of Dynamics and Differential Equations, (2016) 28:239–251;
6. **Jenică Crînganu**, *Better bounds in Chen's inequalities for the Euler constant*, Bull. Aust. Math. Soc. Vol 92, No 1 (2015) pp 94-97;

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7. **Jenică Crînganu**, *On Approximating Euler's Constant*, Fibonacci Quarterly, 52 (2014), no. 4, 318–320;
8. **Jenică Crînganu**, Daniel Pasca, *A fixed point method for nonlinear equations involving a duality mapping defined on product spaces*, Electronic Journal of Differential Equations, No. 26 (2013), pp. 1-10;
9. **Jenică Crînganu**, D. Pasca, *Existence results for Dirichlet problems with  $(q, p)$ -Laplacian*, Journal of Mathematical Analysis and Applications, 387 (2012) 828–836.

**Lucrări în reviste indexate BDI**

10. **Jenica Cringanu**, *Variational and Topological Methods for a Class of Nonlinear Equations which Involves a Duality Mapping*, Asian Research Journal of Mathematics, 16(10): 56-71, 2020; Article no.ARJOM.62190;
11. **Jenică Crînganu**, *New sequence and inequalities associated with the Euler-Mascheroni constant using the sum of inverse odd natural numbers*, Annals of “Dunărea de Jos” University of Galați, Mathematics, Physics, Theoretical Mechanics, Fascicle II, Year X, (XLI) 2018, No.2, 135-138;
12. **Jenica Cringanu**, *On the Local Continuity of a Real Invertible Function*, World Journal of Research and Review (WJRR) ISSN:2455-3956, Volume-6, Issue-6, June 2018, Pages 64-65;
13. **Jenica Cringanu**, *New inequalities associated with the Euler-Mascheroni constant* World Journal of Research and Review, Vol. 4, (3), 2017, 47-50;
14. **Jenica Cringanu**, *A new result regarding the inequalities for the Wallis ratio*, Annals of “Dunărea de Jos” University of Galați, Mathematics, Physics, Theoretical Mechanics, Fascicle II, Year VIII, (XXXIX) 2016, 217-219;
15. **Jenica Cringanu**, *Better bounds in inequalities for the Euler-Mascheroni constant*, Annals of “Dunărea de Jos” University of Galați, Mathematics, Physics, Theoretical Mechanics, Fascicle II, Year VIII, (XXXIX) 2016, No. 2, 217-219;
16. **Jenică Crînganu**, *On the classical convergent sequence to the Euler-Mascheroni constant*, Annals of “Dunărea de Jos” University of Galați, Mathematics, Physics, Theoretical Mechanics, Fascicle II, Year VI, (XXXVII) 2015, 247-249;



Anexa 4 FV

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- 17. Jenică Crînganu**, *A better estimation for the classical convergent sequence to the Euler-Mascheroni constant*, Annals of “Dunărea de Jos” University of Galați, Mathematics, Physics, Theoretical Mechanics, Fascicle II, Year VI, (XXXVII) 2014, 157-159.

**Data:** 25.01.2022

**Semnătura:**



Anexa 4 FV

Nume Prenume: Bercu Gabriel-Dumitru

Gradul didactic: Conf. dr.

Instituția unde este titular: Universitatea Dunarea de Jos din Galați

Facultatea: Stiinte si Mediu

Departamentul: Matematica-Informatica

**L I S T A**

**lucrărilor științifice în domeniul disciplinelor din postul didactic**

**A. Teza de doctorat**

**A1.** „Metoda Newton pe varietati diferentiabile”, domeniul Matematica, conducător științific prof.univ.dr Constantin Udriste., Universitatea Politehnica din Bucuresti, Departamentul de Matematica si Fizica,2006

**B. Cărți si capitole în cărți publicate în ultimii 10 ani**

**B1. Mihai Postolache, Gabriel Bercu, Yoshio Matsuyama, 2011,** „Hessian Metrics& Ricci Solitons”, Editura Fair Partners, ISBN 978-973-187-760-0, 182 pp.

**C. Lucrări indexate ISI publicate în ultimii 10 ani**

**C1.** Y. Wu, G. Bercu: New refinements of Becker-Stark and Cusa-Huygens inequalities via trigonometric polynomial method. RACSAM 115(2021), No. 2, 1-12 Impact Factor : 2.169, Sri : 0.757

**C2.** G. Bercu: Refinements of Wilker-Huygens-type inequalities via trigonometric series. SymmetryBasel 13(2021), No. 8, Art. No. 1323 Impact Factor: 2,713, Sri: 0.579

**C3.** G. Bercu: New refinements for the error function with applications in diffusion theory. SymmetryBasel 12(2020), Art. No. 2017, Impact Factor: 2,713, Sri: 0.579

**C4.** G. Bercu: A note on the characterization of two-dimensional quasi-Einstein manifolds. Mathematics 8(2020), No. 11, Art. No. 2013, Impact Factor : 2.258, Sri : 0.507

**C5.** G. Bercu: Fourier series method related to Wilker-Cusa-Huygens inequalities. Math. Ineq. Appl. 22(2019), No. 4, 1091-1098, Impact Factor : 1.250, Sri : 0.614

**C6.** G. Bercu: Sharp Bounds on the Sinc Function via the Fourier Series Method. J. Math. Ineq. 13(2019), No. 2, 495-504, Impact Factor : 1.225, Sri: 0.636

**C7.** S. Wu, G. Bercu: A new sequence related to the Euler-Mascheroni constant. J. Inequal. Appl. (2018), 2018(1):151, Impact Factor: 2.491, Sri : 0.634





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**C8.** S. Wu, G. Bercu: Fast convergence of generalized DeTemple sequences and the relation to the

Riemann zeta function. J. Inequal. Appl. (2017), 2017:110, Impact Factor: 2.491, Sri: 0.634

**C9.** S. Wu, G. Bercu: Padé approximants for inverse trigonometric functions and their applications. J. Inequal. Appl. (2017), 2017:31, Impact Factor: 2.491, Sri : 0.634

**C10.** G. Bercu: The natural approach of trigonometric inequalities-Padé approximant. J. Math. Ineq.

11(2017), No. 1, 181-191, Impact Factor: 1.225, Sri : 0.636

**C11.** G. Bercu: Sharp refinements for the inverse sine function related to Shafer-Fink's inequality.

Math. Probl. Eng. (2017), ID 9237932, 5 pages, Impact Factor: 1.305, Sri : 0.508

**C12.** G. Bercu: Padé approximant related to remarkable inequalities involving trigonometric functions.

J. Inequal. Appl. (2016), 2016:99, Impact Factor: 2.491, Sri : 0.634

**C13.** G. Bercu: 2D Ricci Flat Gradient Solitons arising from remarkable models in physics. Int. J.

Geom. Methods Mod. Phys. 10(2013), No.10, ID: 1350059, 12 pages, Impact Factor : 1.874 Sri: 0.515

**C14.** G. Bercu, M. Postolache: Classification of steady gradient Ricci solitons on two-manifolds. Int. J.

Geom. Methods Mod. Phys. 9(2012), No. 5, ID: 1250049, Impact Factor : 1.874 Sri: 0.515

**C15.** G. Bercu, M. Postolache: Classes of gradient Ricci solitons on generalized Poincare manifolds.

Int. J. Geom. Methods Mod. Phys. 9(2012), No. 4, ID: 1250027, Impact Factor : 1.874 Sri: 0.515

**Data :**

**15.11.2021**

**Semnatura :**



**A N E X A 4 . 1**

Nume Prenume: Ghiura Adrian

Gradul didactic: Lector dr.

Instituția unde este titular: Universitatea "Dunărea de Jos" Galați

Facultatea: Științe și Mediu

Departamentul: Matematică-Informatică

**L I S T A**

**lucrărilor științifice în domeniul disciplinelor din postul didactic**

**A. Teza de doctorat**

**A1.** „Rezultate în teoria punctului fix și procese iterative cu aplicații”, domeniul Matematică, în baza Ordinului Ministrului Educației Naționale nr. 5745 din 28.12.2018, conducător științific prof. dr. habil. Mihai Postolache, Universitatea Politehnica din București, Facultatea de Științe Aplicate.

**B. Cărți și capitole în cărți publicate în ultimii 10 ani**

**B1. Camelia Frigioiu, Adrian Ghiura,** „Matematică pentru învățământul primar și preșcolar”, 2021 Galați University Press, ISBN 978-606-696-216-2, 201 pp.

**C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani**

**C1.** Fathollahi, S, **Ghiura, A**, Postolache, M, Rezapour, S: *A comparative study on the convergence rate of some iteration methods involving contractive mappings*. Fixed Point Theory Appl. 2015:234 (2015).

**C2.** Kamran, T, Postolache, M, **Ghiura, A**, Batul, S, Ali R: *The Banach contraction principle in  $C^*$ -algebra-valued  $b$ -metric spaces with application*. Fixed Point Theory Appl. 2016:10 (2016).

**C3.** Shehwar, D, Batul, S, Kamran, T, **Ghiura, A**: *Caristi's fixed point theorem on  $C^*$ -algebra-valued metric spaces*. J. Nonlinear Sci. Appl. 9, 584 - 588 (2016).

**C4.** Noor, MA, Noor, KI, Khan, AG, **Ghiura, A**: *Iterative algorithms for solving a class of quasi variational inequalities*. U.P.B. Sci. Bull. Series A. Vol. 78. Iss. 3, 3-18 (2016).



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**C5.** Saluja, GS, Postolache, M, **Ghiura, A:** *Convergence theorems for mixed type asymptotically nonexpansive mappings in the intermediate sense.* J. Nonlinear Sci. Appl. 9, 5119-5135 (2016).

**C6.** Kamran, T, Ali, MU, Postolache, M, **Ghiura, A,** Farheen, M: *Best proximity points for a new class of generalized proximal mappings.* Inter. J. Anal. Appl. Vol. 13, Nr. 2, 198-205 (2017).

**C7.** Nazam, M, **Ghiura, A,** Arshad, M: *Common fixed point theorem for generalized b-order rational contraction with application.* J. Math. Anal. Vol. 8, Iss. 4, 34-45 (2017).

**C8.** Saluja, GS, **Ghiura, A,** Postolache, M: *A new iterative scheme in CAT(0) spaces with convergence analysis.* J. Nonlinear Sci. Appl. 10, 6298 - 6310 (2017).

**C9.** **Ghiura, A,** *Convergence of modified Picard-Mann hybrid iteration process for nearly nonexpansive mappings,* Inter. J. Math. Trends and Tech., Volume 66, Issue 12, 37-43, December, (2020).

**Data: 15.11.2021**

**Semnătura:**

Nume Prenume: MORARU LUMINITA

Gradul didactic: Profesor

Instituția unde este titular: Universitatea Dunarea de Jos din Galati

Facultatea: de Stiinte si mediu



Departamentul: Chimie, fizica și mediu

Cadru didactic: Prof. Luminita Moraru

## L I S T A

### lucrărilor științifice în domeniul disciplinelor din postul didactic

#### A. Teza de doctorat

Influența ultrasunetelor asupra unor proprietăți fizice ale aluminiului și aliajului AlSi12CuMgNi în fază lichidă și în procese de solidificare

#### B. Cărți și capitole în cărți publicate în ultimii 10 ani

1. L. Moraru, S. Moldovanu, D. Bibicu, Metode avansate de procesare și analiză a imaginilor complexe, Galați University Press 2013, ISBN 978-606-8348-67-4, pp.1-196.
2. Academic Work and Careers in Europe: Trends, Challenges, Perspectives  
Tatiana Fumasoli, Gaële Goastellec, Barbara M. Kehm Editors  
Chapter title: Implementation of Quality Assurance Systems in Academic Staff Perspective- An Overview; authors Luminita Moraru, Mirela Praisler, Simona Marin, Corina Bentea, University Dunarea de Jos of Galati, Romania, 2015 Springer International Publishing Switzerland, pp 151-176, ISBN 978-3-319-10719-6, <http://link.springer.com/book/10.1007/978-3-319-10720-2>
3. Luminița Moraru, Simona Moldovanu and Anjan Biswas, , Intensity – based classification and related methods in brain MR images, chapter in book : Classification and Clustering in Biomedical Signal Processing, Editor Nilanjan Dey , Publisher IGI Global, pages 78-105, ISSN: 2327-9354, 2016, DOI: 10.4018/978-1-5225-0140-4.ch004
4. Luminita Moraru, Cristian Dragos Obreja, Nilanjan Dey, Amira S. Ashour, DEMPSTER-SHAFFER FUSION FOR EFFECTIVE RETINAL VESSELS' DIAMETER MEASUREMENT, chapter 9 in book: Soft Computing In Medical Image Analysis, Elsevier B&T EDS. - NILANJAN DEY, AMIRA S. ASHOUR, FUQIAN SHI, VALENTINA, E. BALAS, <https://doi.org/10.1016/B978-0-12-813087-2.00008-7>, Soft Computing Based Medical Image Analysis 2018, Pages 149–160, ISBN: 978-0-12-813087-2, <https://www.elsevier.com/books/soft-computing-based-medical-image-analysis/dey/978-0-12-813087-2>
5. MACHINE LEARNING IN DATA MINING (COMPUTATIONAL INTELLIGENCE IN ENGINEERING PROBLEM SOLVING) HARDCOVER, 6 JUN 2019  
by NILANJAN DEY (EDITOR), SANJEEV WAGH (EDITOR), PARIKSHIT N. MAHALLE (EDITOR), MOHD. SHAFI PATHAN (EDITOR)  
publisher - CRC PRESS CHAPTER: DIGITAL IMAGE PROCESSING USING WAVELETS  
AUTHORS: LUMINIȚA MORARU, SIMONA MOLDOVANU, SALAM KHAN, ANJAN BISWAS, PP 69-96, ISBN 9781138339798C04.3D
6. Nilanjan Dey, Jyotismita Chaki, Luminita Moraru, Simon Fong and Xin-She Yang,

chapter Firefly Algorithm and Its Variants in Digital Image Processing: A Comprehensive Review, in book Applications of Firefly Algorithm and its Variants: case studies and new developments,

Eds. Xin-She Yang, N. Dey, Simon Fong, Springer Tracts in Nature-Inspired Computing, Springer Nature Singapore Pte Ltd. 2020, pp 1-29

[https://doi.org/10.1007/978-981-15-0306-1\\_1](https://doi.org/10.1007/978-981-15-0306-1_1) ISBN 9789811503061, 9811503060 ISSN 978-981-15-0305-4, 2020

### C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani

1. A.-M. Chiselev, **L. Moraru**,  
A Study of Far Field Directivity Pattern of Bio-inspired EMFit Emitters,  
IEEE Sensors Journal 12(5), pp 1372-1376, 2012 Doi: 10.1109/JSEN.2011.2172600,  
ISSN 1530-437X , <http://www.scopus.com/inward/record.url?eid=2-s2.0-84872239921&partnerID=MN8TOARS>
2. Dorin Bibicu, **Luminita Moraru**, Anjan Biswas,  
Thyroid nodule recognition based on feature selection and pixel classification methods,  
Journal of Digital Imaging , Volume 26, Issue 1 (2013), Page 119-128, DOI:  
10.1007/s10278-012-9475-5, ISSN: 0897-1889,  
<https://link.springer.com/article/10.1007%2Fs10278-012-9475-5>  
WOS:000314040500015
3. Michelle Savescu, Kaisar R. Khan, Preeti Naruka, Hossein Jafari, **Luminita Moraru**,  
and Anjan Biswas,  
Optical Solitons in Photonic Nano Waveguides with an Improved Nonlinear  
Schrödinger's Equation,  
Journal of Computational and Theoretical Nanoscience (J. Comput. Theor. Nanosci.)  
10, 1182 -1191 (2013) ISSN: 1546-1955, <http://www.aspbs.com/>,  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-84879657782&partnerID=MN8TOARS>  
WOS:000320569600020
4. Dorin Bibicu and **Luminita Moraru**,  
Cardiac cycle phases estimation in 2D echocardiographic images using Artificial Neural  
Networks,  
IEEE TRANSACTIONS ON BIOMEDICAL ENGINEERING (T-BME), 60 (5):1273-  
1279;10.1109/TBME .2012.2231864 MAY 2013 ISSN: 0018-9294 ,  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-84876754892&partnerID=MN8TOARS>  
**WOS:000318160500013**
5. **Luminita Moraru**, Dorin Bibicu, Anjan Biswas,  
Standalone functional CAD system for multi-object case analysis in hepatic disorders,  
Computers in Biology and Medicine , 2013, 43 (2013), pp. 967-974, DOI:  
10.1016/j.compbiomed.2013.04.014 ISSN: 0010-4825,  
<http://www.scopus.com/inward/record.url?eid=2-s2.0-84879177445&partnerID=MN8TOARS>  
**WOS:000321994800001**
6. Michelle Savescu, Kaisar R. Khan, Russell W. Kohl, **Luminita Moraru**, Ahmet  
Yildirim, and Anjan Biswas,  
Optical Soliton Perturbation with Improved Nonlinear Schrödinger's Equation in Nano

Fibers

Journal of Nanoelectronics and Optoelectronics (J. Nanoelectron. Optoelectron.) 8, 208-220 (2013), doi:10.1166/jno.2013.1459 (ISSN 1555-130X)

<http://www.scopus.com/inward/record.url?eid=2-s2.0-84877256461&partnerID=MN8TOARS>

WOS:000318888200012

7. Yanan Xu, Zlatko Jovanoski, Abdelaziz Bouasla, Houria Triki, **Luminita Moraru** and Anjan Biswas.

Optical solitons in multi-dimensions with spatio-temporal dispersion and non-Kerr law nonlinearity

Journal of Nonlinear Optical Physics and Materials (JNOPM) – Vol. 22, No. 3 (2013) 1350035 - 1:30 (30 pages), DOI: 10.1142/S0218863513500355, ISSN: 0218-8635,

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Co-Authors: Yakup Yıldırım; Anjan Biswas; Elsayed M. E. Zayed; Salam Khan; Luminita Moraru; Abdullah Kamis Alzahrani; Milivoj R. Belic  
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**D. Lucrări publicate în ultimii 10 anii în reviste și volume de conferințe cu referenți (neindexate)**

**- Reviste**

1.

**- Selecție cu maximum 20 lucrări în volume de conferințe**

1.



Anexa 4 FV

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**1. Brevete obținute în întreaga activitate**

1.

**Data: 23.10.2021**

**Semnătura:**



Anexa 4 FV

Nume Prenume: Apetrei Constantin

Gradul didactic: prof.dr.

Instituția unde este titular: Universitatea "Dunărea de Jos" din Galați

Facultatea: Științe și Mediu

Departamentul: Chimie, Fizică și Mediu

**L I S T A**

**lucrărilor științifice în domeniul disciplinelor din postul didactic**

**A. Teza de doctorat**

Apetrei, C., 2007, Cercetări privind realizarea unor rețele de senzori voltametrici pentru clasificarea uleiurilor de măsline, Universitatea „Dunărea de Jos” din Galați. (Magna Cum Laude, Ordinul Ministerului Educației și Cercetării 632 / 21.03.2007).

**B. Cărți și capitole în cărți publicate în ultimii 10 ani**

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1. -

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**Data: 18.10.2021**

Nume Prenume: Dăscălescu Dorin

Gradul didactic: Asistent doctorand

Instituția unde este titular: universitatea Dunarea de Jos Galați

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Departamentul: Chimie-Fizică și Mediu

**Semnătura:**

**L I S T A****lucrărilor științifice în domeniul disciplinelor din postul didactic****C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani**

**C1.** Dăscălescu, D.; Apetrei, C. Nanomaterials Based Electrochemical Sensors for Serotonin Detection: A Review. *Chemosensors* **2021**, *9*, 14. <https://doi.org/10.3390/chemosensors9010014>

- Impact Factor: 3.398;

**C2.** Dăscălescu, D.; Apetrei, C. Voltammetric Determination of Levodopa Using Mesoporous Carbon—Modified Screen-Printed Carbon Sensors. *Sensors* **2021**, *21*, 6301.

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**Data: 15.11.2021**

**Semnătura:**



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Nume Prenume: Dincă(Lăzărescu) Andreea - Monica

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Facultatea: Arhitectură Navală

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**L I S T A**

**lucrărilor științifice în domeniul disciplinelor din postul didactic**

**C.Lucrări indexate ISI/BDI publicate în ultimii 10 ani**

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**Data: 18.02.2022**

**Semnătura:**



Nume Prenume: **Țigau Nicolae**

Gradul didactic: **Profesor doctor inginer**

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## L I S T A

### lucrărilor științifice în domeniul disciplinelor din postul didactic

#### A. Teza de doctorat

Contribuții la studiul proprietăților electrice și optice ale unor semiconductori binari în straturi subțiri, Domeniul Fizică, 2004, Distincția: Magna cum laude, Universitatea Alexandru Ioan Cuza din Iași, Facultatea de Fizică

#### B. Cărți și capitole în cărți publicate în ultimii 10 ani

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**D. Lucrări publicate în ultimii 10 anii în reviste și volume de conferințe cu referenți (neindexate)**

**- Reviste**

**- Selecție cu maximum 20 lucrări în volume de conferințe**

1. Mușat V., **N. Tigau**, A. Petrica, L. Frangu, M. Mazilu, S. Epure, *Cu-doped ZnO nanostructured layers obtained by hydrothermal method for light emitting-diode applications*, EMR 2012 The Energy & Materials Research Conference, Section: Advances in Lighting Materials, Malaga, Spain, 20-22 June 2012.
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- OXIDE THIN FILMS, The 18th International Balkan Workshop on Applied Physics, IBWAP 2018 (10-13, July, 2018), Constanta, Romania, S1-Materials Physics, S1 P5
8. Drașovean R., Murariu G., Nistor Purghele C., **N. Tigau**, (2018). Determination of wastewater quality index of municipal wastewater plant of Galati, *18th International Balkan Workshop on Applied Physics and Materials Science IBWAP 2018, Constanta, Romania*
  9. Bertolotti Federica, Aurel Tabacaru, Viorica Musat, **N. Tigau**, Antonio Cervellino, Norberto Masciocchi, Antonietta Guagliardi, (2018). *A comprehensive structural and morphological characterization of ZnO nanocrystals with tunable band gap*, The 3rd Joint Conference of the Italian Crystallographic Association (AIC) and of the Italian Synchrotron Radiation Society (SILS), 25-28 June 2018, Rome, Italy. Book of Abstracts, pag. 143.

**1. Brevete obținute în întreaga activitate**

**Data:**

**10.11.2021**

Semnătura:



Anexa 4 FV

Nume Prenume: Dănilă Emilian.

Gradul didactic: conf. dr.

Instituția unde este titular: .U:D:J: Galați.

Facultatea: Științe și Mediu

Departamentul: .Chimie, Fizică și Mediu.

L I S T A

lucrărilor științifice în domeniul disciplinelor din postul didactic

**A. Teza de doctorat**

Théorie de la diffusion résonnante multicanaux. Application à la caractérisation de cibles non canoniques et d'absorbants, Laboratoire d'Acoustique ultrasonore et d'Electronique, Université du Havre; France

**B. Cărți și capitole în cărți publicate în ultimii 10 ani**

1. -

**C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani**

- C1.** Dănilă, E., Moraru, L., Dey, N., (...), Khan, S., Biswas, A. Multifractal analysis of ceramic pottery SEM images in Cucuteni-Tripolye culture, Optik
- C2.** Danila, E., Valentin, H., Georgescu, P.L., Moraru, L., Survey of forest cover changes by means of multifractal analysis, Carpathian Journal of Earth and Environmental Sciences
- C3.** **Emilian Dănilă**<sup>1,\*</sup>, Antoaneta Ene<sup>1</sup>, Luminița Moraru<sup>1</sup>, Adriana Dănilă<sup>2</sup>, Liliana Cioară<sup>3</sup>, STUDY OF POWDER MATERIALS OF LI-N SYSTEM INTERPRETED IN TERMS OF MULTIFRACTAL GEOMETRY, ANNALS OF "DUNAREA DE JOS" UNIVERSITY OF GALATI MATHEMATICS, PHYSICS, THEORETICAL MECHANICS, FASCICLE II, YEAR V (XXXVI) 2013, No. 1, pg 44-48
- C4.** **Emilian Dănilă**<sup>a,\*</sup>, Adriana Dănilă<sup>c</sup>, Mirela Pungă<sup>a,b</sup>, Antoaneta Ene<sup>a</sup>, Luminița Moraru<sup>a</sup>, AUTOMATISATION OF THE DIAGNOSIS OF PORTAL AND VASCULAR PROBLEMS OF THE LIVER, ANNALS OF "DUNAREA DE JOS" UNIVERSITY OF GALATI MATHEMATICS, PHYSICS, THEORETICAL MECHANICS, FASCICLE II, YEAR V (XXXVI) 2013, No. 1, pg 49-52
- C5.** **Emilian Dănilă**<sup>a,\*</sup> Adriana Dănilă<sup>c</sup>, Antoaneta Ene<sup>a</sup>, Luminița Moraru<sup>a</sup>, Mirela Pungă<sup>a,b</sup>, LAND USE CHANGE STUDIED BY MEANS OF MULTIFRACTAL GEOMETRY, ANNALS OF "DUNAREA DE JOS" UNIVERSITY OF GALATI MATHEMATICS, PHYSICS, THEORETICAL MECHANICS, FASCICLE II, YEAR V (XXXVI) 2013, No. 1, pg 53-59
- C6.** Antoaneta Ene, Luminița Moraru, **Emilian Dănilă**, Liliana Cioară, *Study of Characteristic X-ray Spectra Induced in Complex Matrices by Radioisotope and Electron Excitation*, ANNALS OF "DUNAREA DE JOS" UNIVERSITY OF GALATI MATHEMATICS, PHYSICS, THEORETICAL MECHANICS, FASCICLE II, YEAR V (XXXVI) 2013, No. 1
- C7.** Iulian Filimon, Mirela Praisler, Dumitru Dima, Luminita Moraru, **Emilian Danila**, *Establishing specific air quality indices in Galati*, ANNALS OF "DUNAREA DE JOS"

## Anexa 4 FV

- UNIVERSITY OF GALATI MATHEMATICS, PHYSICS, THEORETICAL MECHANICS, FASCICLE II, YEAR V (XXXVI) 2013, No. 1
- C8. Emilian Dănilă<sup>a,\*</sup>**, Adriana Dănilă<sup>c</sup>, Mirela Pungă (Visan)<sup>a,b</sup>, Luminița Moraru<sup>a</sup>, Hahuie Valentin<sup>a,d</sup>, AUTOMATISATION OF THE DIAGNOSIS OF HYDATID CYST, ANNALS OF “DUNAREA DE JOS” UNIVERSITY OF GALATI, MATHEMATICS, PHYSICS, THEORETICAL MECHANICS, FASCICLE II, YEAR VI (XXXVII) 2014, pg. 44-49
- C9.** Hahuie Valentin<sup>a,b</sup>, **Emilian Dănilă<sup>a,\*</sup>** Adriana Dănilă<sup>c</sup>, Lucian Georgescu<sup>a</sup>, CHANGING THE STRUCTURE OF FOREST LAND IN THE REGION OF GALATI BY MEANS OF MULTIFRACTAL GEOMETRY, ANNALS OF “DUNAREA DE JOS” UNIVERSITY OF GALATI, MATHEMATICS, PHYSICS, THEORETICAL MECHANICS, FASCICLE II, YEAR VI (XXXVII) 2014, pg. 50-59
- C10.** Iulian Filimon<sup>1</sup>, Mirela Praisler<sup>1</sup>, Dumitru Dima<sup>1</sup>, Michaela Dobre<sup>2</sup>, **Emilian Danila<sup>1</sup>** , Quantitative assessment of the impact of the main air pollutants on the health of children in the urban population of Galati (Romania), ANNALS OF “DUNAREA DE JOS” UNIVERSITY OF GALATI, MATHEMATICS, PHYSICS, THEORETICAL MECHANICS, FASCICLE II, YEAR VI (XXXVII) 2014
- C11.** Iulian Filimon<sup>1</sup>, Mirela Praisler<sup>1</sup>, Dumitru Dima<sup>1</sup>, Michaela Dobre<sup>2</sup>, **Emilian Danila<sup>1</sup>** , Monitoring of three major air pollutants and of their impact on the incidence of respiratory diseases in humans in Galati (Romania) urban area ANNALS OF “DUNAREA DE JOS” UNIVERSITY OF GALATI, MATHEMATICS, PHYSICS, THEORETICAL MECHANICS, FASCICLE II, YEAR VI (XXXVII) 2014.

**Data:**  
01.10.2021

**Semnătura:**





Anexa 4 FV

Nume Prenume: Drașovean Romana

Gradul didactic: Șef lucr.dr.

Instituția unde este titular: Universitatea „Dunărea de Jos” Galați

Facultatea de Arhitectură Navală

Departamentul de Arhitectură Navală

**L I S T A**

**lucrărilor științifice în domeniul disciplinelor din postul didactic**

**A. Teza de doctorat**

„Studii și cercetări privind obținerea și corelația structură-proprietăți la straturile pe bază de oxid de cobalt obținute prin metoda sol-gel”

**B. Cărți și capitole în cărți publicate în ultimii 10 ani**

1. **Romana Drasovean**, Fizică generală vol.I, Editura Sinteze, Galați, 2014, ISBN 978-973-585-126-2.
2. Moraru Luminița, **Drașovean Romana**, Probleme de fizică, Editura Fundației Universitare „Dunărea de Jos”, Galați, 2011, ISBN 973-627-155-2, 186 pag.
3. Murariu Gabriel, **Drașovean Romana**-Mecanică fizică și acustică: Lucrări de laborator, Editura Fundației Universitare „Dunărea de Jos”, Galați, 2011, ISBN 973-627-155-2, 100 pag.
4. Cosma Tudose, **Romana Drasovean**, Mecanică Fizică și Acustică, Editura Fundației Universitare „Dunărea de Jos” Galați, 2011, ISBN 973-627-049-1, 230 pagini
5. **Romana Drasovean**, Gabriel Murariu, Water Quality Parameters and Monitoring Soft Surface Water Quality Using Statistical Approaches, Promising Techniques for Wastewater Treatment and Water Quality Assessment, Intechopen, 2021, DOI: 10.5772/intechopen.97372

**C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani**

1. **Romana Drasovean**, Simona Condurache-Bota, Correlation Studies Between Sol Aging Time and Substrate Dipping Time Parameter and Optical Properties of Cobalt Oxide Layers, ISJBAR, vol25, no.1, 17-25 (2016), <http://gssrr.org/index.php?journal=JournalOfBasicAndApplied&page=article&op=view&path%5B%5D=5051>. ISSN 2307-4531
2. Simona Condurache-Bota, **Romana Drașovean**, Nicolae Țigău and Alicia Petronela Râmbu, „The influence of substrate temperature on the structure and on the optical reflection spectrum of bismuth thin films”, Rev. Roum. Chim., 2011, **56**(12), 1101-1106, ISSN 0035-3930

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3. N. Tigau, S. Condurache-Bota, **R. Drasovean**, J.Cranganu, R. Gavrilă, Vacuum annealing effect on the structural and optical properties of antimony trioxide thin films, Romanian Journal of Physics, 62, 604 (2017),
4. **Romana Drasovean**, Simona Condurache Bota, Nicolae Tigau, Carmen Purghel Nistor, Wastewater assessment in Galatz city (Romania) during 2015-2016, EQA – INTERNATIONAL JOURNAL OF ENVIRONMENTAL QUALITY, 27 (2018) 33-40. DOI: 10.6092/issn.2281-4485/7323
5. **R.Drasovean**, G. Murariu, S. Condurache-Bota, G.Constantinescu, Studies on the water quality of the Siret river, near Galati city, 18<sup>th</sup> International Multidisciplinary Scientific Geoconference SGEM 2018, 2-8 iulie, Albena, Bulgaria, 18(3.1), 687-695, (2018). ISBN 978-619-7408-42-3, ISSN: 1314-2704; Doi: 10.5593/sgem2018/3.1/S12.089
6. Simona Condurache-Bota, **Romana Drasovean**, Gabriel Murariu, Mirela Voiculescu, Gica Condurache-Bota, Greenhouse gases worldwide: relative changes, comparisons, variation causes, ISI Proceedings of the 18<sup>th</sup> International Multidisciplinary Scientific GeoConference SGEM 2018. 18(4.2), 459-467, (2018). ISBN: 978-619-7408-45-4, ISSN 1314-2704, DOI: 10.5593/sgem2018/4.2
7. **Drasovean, R.**, Murariu, G., Constantinescu, G., Cîrciumaru, A., Assessment of surface water quality of Danube in terms of usual parameters and correlation analyses, Revista de Chimie, 70, 2, 398-406, 2019. ISSN: 00347752, Accession Number WOS:000461982200009. FI=1,412 (2019). DOI: 10.37358/RC.19.2.6924
8. Condurache-Bota, S., **Drasovean, R.**, Study of the evolution of the particulate matter and heavy metals emissions in the first nine countries enrolled in the European Union, ISI Proceedings of the 19<sup>th</sup> International Multidisciplinary Scientific GeoConference SGEM 2019, Vol. 19, Issue 4.1, p.1085 (2019) doi:10.5593/sgem2019/4.1, ISSN: 13142704
9. **Drasovean, R.**, Condurache-Bota, S., Tigau, N., Murariu, G., Monitoring the quality parameters of green leaves in Galati City, ISI Proceedings of the 19<sup>th</sup> International Multidisciplinary Scientific GeoConference SGEM 2019, Vol. 19, Issue 3.2, p. 769-774 (2019) doi: 10.5593/sgem2019/3.2.
10. **Romana Drasovean**, Influence of annealing on optical properties of cobalt based nanocomposite films, ANNALS OF “DUNAREA DE JOS” UNIVERSITY OF GALATI MATHEMATICS, PHYSICS, THEORETICAL MECHANICS, FASCICLE II, YEAR III (XXXIV) 2011, No. 1, p88. Categoria B+, ISSN 2067-2071.
11. **Romana Drasovean**, Influence of sol parameters on optical properties of CoO/SiO<sub>2</sub> composites, ANNALS OF “DUNAREA DE JOS” UNIVERSITY OF GALATI MATHEMATICS, PHYSICS, THEORETICAL MECHANICS, FASCICLE II, YEAR VI (XXXVII) 2014, No.2, 197-202. Categoria B+, ISSN 2067-2071.
12. **Romana Drasovean**, Alice Frank, Influence of UV radiation on chlorophyll in plants, ANNALS OF “DUNAREA DE JOS” UNIVERSITY OF GALATI MATHEMATICS, PHYSICS, THEORETICAL MECHANICS, FASCICLE II, YEAR VI (XXXVII) 2014, No.2, 203-208. Categoria B+, ISSN 2067-2071.
13. **Romana Drașovean**, Antoaneta Ene, Steluța Gosav, Nicoleta Păduraru, Monitoring some greenhouse gases in Romania, Annals of „Dunarea de Jos” University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II, Year VII (XXXVIII) No.2, 195-200, 2015.
14. Steluța Gosav, Nicoleta Păduraru, Antoaneta Ene, **Romana Drașovean**, Toxicological study on some chemical compounds using the molecular modeling, Annals of „Dunarea



## Anexa 4 FV

- de Jos” University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II, Year VII (XXXVIII) No.2, 201-206, 2015.
15. **Romana Drașovean**, *Mihaela Timofti*, Ana Maria Oancea, Seasonal variations in drinking water quality parameters in Calmatui and Cuca areas, Galati county, ANNALS OF “DUNAREA DE JOS” UNIVERSITY OF GALATI MATHEMATICS, PHYSICS, THEORETICAL MECHANICS FASCICLE II, YEAR VIII (XXXIX) 2016, No. 2, 211-216.
  16. Romana Drașovean, *Ciprian Badiu*, Andreea Dediu, The Influence of fertilizers on the contents of chlorophyll in spinach and radish, ANNALS OF “DUNAREA DE JOS” UNIVERSITY OF GALATI MATHEMATICS, PHYSICS, THEORETICAL MECHANICS, FASCICLE II, YEAR IX (XL) 2017, No. 2
17. **Lucrări publicate în ultimii 10 anii în reviste și volume de conferințe cu referenți (neindexate)**
- Reviste
  - Selecție cu maximum 20 lucrări în volume de conferințe
1. **Romana Drașovean**, Nicu Tigau, Simona Condurache Bota, Sol aging and substrate dipping time dependence on the optical properties of sol-gel deposited cobalt oxide films, The 9th International Conference On Physics Of Advanced Materials (ICPAM-9), Iasi, Romania, 20 - 23 September 2012.
  2. Simona Condurache-Bota, Nicolae Tigau, Raluca Gavrila, **Romana Drașovean**, Influence of the substrate on the structure, morphology and optical properties of antimony trioxide thin films, The 9th International Conference On Physics Of Advanced Materials (ICPAM-9), Iasi, Romania, 20 - 23 September 2012.
  3. Ene Antoaneta, Frontasyeva M.V., Popescu I.V., Stihi C., Ene Andreea, **Drașovean R.**, Chelarescu E.D, Applications of INAA and X-ray based techniques for trace element analysis in materials and environmental sciences, 21st International Seminar on Interaction of Neutrons with Nuclei Fundamental Interactions & Neutrons, Nuclear Structure, Ultracold Neutrons, Related Topics (ISINN-21) Alushta, Ukraine, May 20 – May 25, 2013.
  4. **Romana Drașovean**, Steluta Gosav, Properties investigation of cobalt oxide composite layers, The 13<sup>th</sup> International Balkan Workshop on Applied Physics, Constanta, Romania, 4-6 Iulie 2013.
  5. Popescu V. I., Frontasyeva M., Stihi C., Ene A., Cucu-Man S., Todoran R., Culicov O., Zinicovscaia I., My Trinh, Pavlov S.S, Radulescu C., Chilian A, Gheboianu A., Bancuta R., Cimpoa Gh. V., Bancuta I., Dulama I., Toma L.G., Bucurica A., Dima G., Chelarescu E.D., **Drașovean R.**, Sion A., Condurache-Bota S., Buhaceanu R., Tarcau D., Todoran D., Moss biomonitoring of air quality in Romania, The 13<sup>th</sup> International Balkan Workshop on Applied Physics, Constanta, Romania, 4-6 Iulie 2013.
  6. Steluta Gosav, Helene Jamet, **Romana Drașovean**, Exploratory analysis of some flavonoids as protein kinase inhibitors using the molecular docking approach, The 13<sup>th</sup> International Balkan Workshop on Applied Physics, Constanta, Romania, 4-6 Iulie 2013.

## Anexa 4 FV

7. Steluta Gosav, Nicoleta Paduraru, Antoaneta Ene, **Romana Drasovean**, Toxicological study on some chemical compounds using the molecular modeling and FTIR spectroscopy, International conference of INPOLDE network Galati, June 25-26,2014.
8. **Romana Drașovean**, Steluța Gosav, Nicoleta Păduraru, Antoaneta Ene. Monitoring greenhouse gases in Romania, International conference of INPOLDE network ,Galati, June 25-26,2014
9. **Romana Drasovean**, Nicolae Tigau, Simona Condurache-Bota, Surface water assessment in Galatz city during 2014-2016, 16th International Balkan Workshop on Applied Physics and Materials Science, IBWAP 2016 (7-9, July, 2016) .
10. Simona Condurache-Bota, Nicolae Tigau, **Romana Drasovean**, Gabriel Prodan, Complex morpho-structural and optical analysis of bismuth oxide thin films, 16th International Balkan Workshop on Applied Physics and Materials Science, IBWAP 2016 (7-9, July, 2016) .
11. Nicolae Tigau, Simona Condurache-Bota, **Romana Drasovean**, Vacuum annealing effect on the structural and optical properties of of antimony trioxide thin films, 16th International Balkan Workshop on Applied Physics and Materials Science, IBWAP 2016 (7-9, July, 2016).
12. Steluța Gosav and **Romana Drașovean**, Designing and programming of artificial neural network model for the modeling/discrimination of amphetamines , International Conference of Physical Chemistry Romphyschem 16, September 21-24, 2016, Galati – Romania.
13. **Romana Drașovean** , Mihaela Timofti, Steluța Gosav, Evaluation of drinking water quality in Galati County achieved by monitoring some physical and chemical parameters, International Conference of Physical ,Chemistry Romphyschem 16, September 21-24, 2016, Galati – Romania.
14. Ciprian Badiu, **Romana Drasovean**, Andreea Dediu, The influence of fertilizers on the contents of chlorophyll in spinach and radish, 17th International Balkan Workshop on Applied Physics and Materials Science , 11-14 July 2017 Constanta, Romania.
15. **Romana Drasovean**, Ciprian Badiu, Andreea Dediu, The influence of UV radiation on chlorophyll in salad, spinach and radish, 17th International Balkan Workshop on Applied Physics and Materials Science , 11-14 July 2017 Constanta, Romania.
16. **R.Drasovean**, G. Murariu, S. Condurache-Bota, G.Constantinescu, Studies on the water quality of the Siret river, near Galati city, The 18<sup>th</sup> International Multidisciplinary Scientific Geoconference SGEM , 30 June-9 July, Bulgaria 2018.
17. S. Condurache-Bota, **R.Drasovean**, G. Murariu, M. Voiculescu, G. Condurache-Bota, Greenhouse Gases Worldwide: relative changes, comparisons, variation causes, The 18<sup>th</sup> International Multidisciplinary Scientific Geoconference SGEM , 30 June-9 July , Bulgaria 2018.
18. **Romana Drasovean**, Gabriel Murariu, Carmen Nistor Purghele, *Nicolae Tigau*, Determination of wastewater quality index of municipal wastewater plant of Galati, Balkan Workshop on Applied Physics and Materials Science, July 10-13, Constanta, Romania, 2018.
19. **Romana Drasovean**, Gabriel Murariu, Gigi Constantinescu, Assessment of surface water quality of Danube river in terms of water quality index, Balkan Workshop on Applied Physics and Materials Science, July 10-13, Constanta, Romania, 2018.
20. **Drașovean Romana**, Impactul radiației radio produse de telefonul mobil asupra sănătății , Conferință științifică cu participarea elevilor: „Fizica medicală: simbioză între Fizică, Medicină și Mediu”, Galați, 28 februarie 2019, editura Galați University Press, Galați, 2019; ISBN 978-606-696-149-3; 53 pag.

**6. Brevete obținute în întreaga activitate**



Anexa 4 FV

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**Data: 30.10.2021**

**Semnătura:** 



Anexa 4 FV

Nume Prenume: Praisler Alexandru

Gradul didactic: Lect. dr.

Instituția unde este titular: Universitatea „Dunărea de Jos” din Galați

Facultatea de Litere

Departamentul de engleză

**L I S T A**

**lucrărilor științifice în domeniul disciplinelor din postul didactic**

**A. Teza de doctorat**

*Language, Power and Intercultural Communication. Translation Policies and the Politics of Translation*

**B. Cărți și capitole în cărți publicate în ultimii 10 ani**

1. **Praisler, A.**; M. Praisler 2021. “The Repercussions of Finding a Voice: *Silent Wedding*”. In *Odyssey of Communism: Visual Narratives, Memory and Culture*. Ed. By M. Praisler and O. C. Gheorghiu, Newcastle upon Tyne: Cambridge Scholars Publishing, pp. 2-14 (ISI)
2. **Praisler, A.**, 2020. “English for Ship Building and Naval Architecture” – in *Romanian Contributions to English for Specific Purposes*. Ed. by I. Merilă, Mauritius: Lambert Academic Publishing, ISBN: 978-620-2-67282-5, pp. 131-142

**C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani**

1. **Praisler, A.**, 2018. “Translation Services in Public Institutions. The Case of Galati”, *Bulletin of the Transylvania University of Brasov*, Series IV: Philology and Cultural Studies, Vol. 11 (60) No. 2 – 2018, ISSN 2066-768X printed version; ISSN 2066-7698 CD-ROM version (pp. 229-238)
2. Praisler, M., **A. Praisler**, 2018. “Writing on the Woolfian Palimpsest. Michael Cunningham’s *The Hours*”, in *Cultural Intertexts*, vol. 8/2018, M. Praisler et al. (eds), Cluj: Casa Cărții de Știință, ISSN-L 2393-0624; ISSN 2393-0624; E-ISSN 2393-1078 (pp. 122-140)
3. **Praisler, A.**, 2016. “Disempowering the Translator as Intercultural Mediator. The Age of the New Media”, in *Cultural Intertexts*, vol. 6/2016, Cluj: Casa Cărții de Știință, ISSN 2393-0624; ISSN-L 2393-0624, pp. 112-123
4. **Praisler, A.**, 2015. “Accessing Local Literatures via Public Institutions Websites”, in *Cultural Intertexts*, vol. 3/2015, Cluj: Casa Cărții de Știință, ISSN 2393-0624; ISSN-L 2393-0624, pp. 98-107
5. Gâță, A., **Praisler, A.**, 2015. “Cross Cultural Transfer in the Case of Local or Regional Websites of Transnational Companies”, in *Communication Interculturelle et Litterature*, Nr. 1 (22) / 2015, Ed. by Alina Crihană, Cluj: Casa Cărții de Știință, ISBN 1844-6965, pp. 127-152

## Anexa 4 FV

6. **Praisler, A.**, 2014. “Questioning Translation Services for the Community” – in *Cultural Intertexts*, Cluj: Casa Cărții de Știință, ISSN 2393-0624; ISSN-L 2393-0624, pp. 364-372
7. **Praisler, A.**, 2014. “Marketing Translation and Interpretation Services. The Case of Local Public Institutions” – in *Globalization and Intercultural Dialogue. Multidisciplinary Perspectives – Language and Discourse*. Ed. By Iulian Boldea, Tg. Mureș: Arhipelag XXI Press, ISBN 978-606-93691-3-5, pp. 251-256 (ISI)
8. **Praisler, A.**, 2014. “The Translator behind the Scenes” – in *Ovidius University Annals, Economic Sciences Series*, Vol. XIV, Special Issue, Economy and Society. Ed. by Elena Cerasela Spataru, Constanța: Ovidius University Press, ISSN 1582-9383, pp. 244-247
9. **Praisler, A.**, 2014. “Site-ing the Translator” – in *Communication Interculturelle et Litterature*, Nr. 1 (20) / 2013, Ed. by Alina Crihană, Iași: Institutul European, ISBN 1844-6965 (1-18), pp. 267-274
10. **Praisler, A.**, 2012. “Mediating Filmic Discourse. The Case of Subtitling” – in *Communication Interculturelle et literature*. Ed. by Gina Necula and Ionel Apostolatu, vol. 1(18), Iasi: Institutul European, ISSN: 1844-6965, pp. 289-309

**D. Lucrări publicate în ultimii 10 anii în reviste și volume de conferințe cu referenți (neindexate)****- Reviste**

1. **Praisler, A.**, 2014. “Negotiating Identities. The Case of Translation” – in *Ethos. Revistă de teorie a culturii*, Nr. 11, septembrie 2014, Iași: Institutul European, ISSN: 2246 9427; ISSN-L: 2246 9427, pp. 72-77

**- Selecție cu maximum 20 lucrări în volume de conferințe**

1. **Praisler, A.**, 2014. “Trapped in Translation: The Local Translator and the Global Community” – in *Identities in Metamorphosis. Literature, Discourse and Multicultural Dialogue*, Ed. by Iulian Boldea, Tg. Mureș: Arhipelag XXI Press, 2014, ISBN 978-606-93691-9-7, pp. 457-466
2. **Praisler, A.**, 2014. “Translating for the International Community. Challenges and Demands” – in *Communication, Context, Interdisciplinarity*, vol. III, Tg. Mureș: Petru Maior University Press, ISSN 2069 – 3389, pp. 303-307
3. **Praisler, A.**, 2014. “Website Translation and Localisation for the Community” – Colocviu Internațional *Identitate și memorie culturală în Europa secolelor XX-XXI*, Ed. by A. Crihană; S. Antofi, Cluj-Napoca: Casa Cărții de Știință, ISSN: 1844-6965, pp. 256-264

**1. Brevete obținute în întreaga activitate****Data: 11.11.2021****Semnătura:**



Anexa 4 FV

Nume Prenume: Harabagiu Neculai

Gradul didactic: Asist. Drd.

Instituția unde este titular: Universitatea "Dunărea de Jos" din Galați

Facultatea: de Educație fizică și sport

Departamentul: Jocuri sportive

**L I S T A**

**lucrărilor științifice în domeniul disciplinelor din postul didactic**

**A. Teza de doctorat, (inmatriculare doctorat 01.10.2014, termen finalizare 2022)**

*Pregătirea sportivă a voleibaliștilor seniori prin utilizarea softului „Data Volley”*,  
îndrumator Prof.dr. Păcuraru Alexandru

**B. Cărți și capitole în cărți publicate în ultimii 10 ani (2012-2021)**

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**C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani (2012-2021)**

**- Lucrări indexate BDI-SCOPUS**

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**- Lucrări indexate BDI**

1. **HARABAGIU, N.** Pregătirea Motrică A Voleibaliștilor Seniori Prin Aplicarea Programului Data- Volley, Știința culturii fizice- Revistă teoretico- științifică, Chișinău, Nr. 34/2-2019. pp. 101-107. ISSN: 1857- 4114, eISSN: 2537- 6438.
2. **HARABAGIU, N.** Pregătirea Motrică A Voleibaliștilor Seniori Prin Aplicarea Programului Data- Volley, Știința culturii fizice- Revista teoretico- științifică, Chișinău, Nr. 34/2-2019. pp. 101-107. ISSN: 1857- 4114, eISSN: 2537- 6438.
3. **HARABAGIU, N.** The Opinion of Specialists as Concerning the Utility of the "Data Volley" Software in the Performance Volleyball, University Arena - Journal of Physical Education Sport and Health, București, vol. 3, issue 2, 2019. pp. 45- 52. ISSN 2602-0440, ISSN-L 2602-0440. Disponibil: <https://university-arena.unibuc.ro/wp-content/uploads/2019/07/Journal-University-Arena-vol-3.-issue-2-2019.pdf>
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Anexa 4 FV

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**D. Lucrări publicate în ultimii 10 anii în reviste și volume de conferințe cu referenți (neindexate) (2012-2021)**  
- Reviste

**1. Brevete obținute în întreaga activitate**

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E – Brevete (pentru întreaga activitate)

**Data: 01.03.2022**

**Semnătura:**  
Asist. Drd. Harabagiu Neculai