

A N E X A 4 . 1

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**

1. Obreja C.D., Marcu O., Jagite G., 2013, *Experimental model for testing the hydrodynamic resistance of an environmental underwater vehicle*, Environmental Engineering and Management Journal, Vol. 12, No. 4, pp. 709-718, „Gheorghe Asachi” Technical University of Iasi, ISSN 1843-3707.

- Lucrări indexate ISI-WOS volume de conferințe

2. Bekhit, A., Obreja, C.D., 2020, *Numerical and Experimental Investigation on the Free-surface Flow and Total Resistance of the DTMB Surface Combatant*, ModTech 2020, IOP Conf. Series: Materials Science and Engineering, 916 (2020) 012008, doi:10.1088/1757-899X/916/1/012008.
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.
4. Obreja C.D., Crudu, L., Sălcianu, M., Plîngu, R., 2018, *Theoretical and experimental investigation of appendages and heeling angle influence on the hydrodynamic resistance of a sailing yacht*,

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- Proceedings of the 19th International Conference on Ships and Maritime Research, 20-22 June 2018, 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.
5. Burlacu, E., Domnisoru, L., Obreja, C.D., 2018, *Seakeeping prediction of a survey vessel operating in the Caspian Sea*, Proceedings of the 37th International Conference on Ocean, Offshore & Arctic Engineering, Madrid, Spain, OMAE 2018-77126, 2018, pp. V11AT12A012, doi: 10.1115/OMAE2018-77126, WOS:000449889900012.
6. Obreja, C.D., Chiroșcă, A.M., 2018, *Theoretical and experimental comparative analyse on the hydrodynamic resistance of a racing sailboat*, Proceedings of the International Conference *Modern Technologies in Industrial Engineering-ModTech 2018*, Constanța, IOP Conference Series: Materials Science and Engineering™ 400 (2018) 042044, DOI:10.1088/1757-899X/400/4/042044, WOS: 000461147400116.
7. Gasparotti C., Domnisoru I., Obreja C.D., 2016, *The oscillation analysis in head waves of a tractor-tug model by experimental and numerical methods*, SGEM International GeoConference 2016, Albena, Bulgaria, doi:10.5593/SGEM2016B32, WOS:000391653500114.
8. Crudu L., Obreja C.D., Pacuraru, S., 2016, *Evaluation of influences of wind induced forces and moments on the resistance and maneuverability of rivers ships*, ICTTE International Conference on Traffic and Transport Engineering 2016, Belgrad, Serbia, 24-25 November 2016, pp. 250-259, WOS:000391016300035.
9. Crudu L., Obreja C.D., Marcu O., 2016, *Moored offshore structures-evaluation of forces in elastic mooring lines*, ACME - The 6th International Conference on Advanced Concepts on Mechanical Engineering 2016, Iași, Romania, ACME-2016-4-06, ISI Web of Science (Conference Proceedings Citation Index), doi:10.1088/1757-899X/147/1/012096, WOS:000390720200096.
10. Marcu, O., Obreja, D.C., 2012, *RANS Simulation of the Planar Motion Mechanism Tests for a VLCC Hull*, International Conference of Numerical Analysis and Applied Mathematics-ICNAAM 2012, AIP Conference Proceedings 1479, Kos, Greece, 19-25 September 2012, pp. 189-192.

- Lucrări indexate BDI-reviste

11. Obreja, C.D., 2020, *Hydrodynamics characteristics of the small ships' rudders*, The Annals of „Dunarea de Jos” University of Galati, Fascicle XI – Shipbuilding, Year XXXVIII, Galati University Press, 2020, ISSN 1221-4620.
12. Obreja, C.D., 2019, *Small ships hydrodynamics software platform*, The Annals of „Dunarea de Jos” University of Galati, Fascicle XI – Shipbuilding, Year XXXVII, Galati University Press, 2019, ISSN 1221-4620.
13. Obreja, C.D., 2019, *Mathematical model of the ship manoeuvring*, The Annals of „Dunarea de Jos” University of Galati, Fascicle XI – Shipbuilding, Year XXXVII, Galati University Press, 2019, ISSN 1221-4620
14. Obreja, C.D., Chicăroșă, M.R., 2018, *Course-keeping and turning circle analysis in early ship design stage*, The Annals of „Dunarea de Jos” University of Galati, Fascicle XI – Shipbuilding, Year XXXVI, Galati University Press, 2018, ISSN 1221-4620.
15. Obreja, C.D., Iatan, G.C., 2018, *Theoretical and experimental investigation of a catamaran resistance*, The Annals of „Dunarea de Jos” University of Galati, Fascicle XI – Shipbuilding, Year XXXVI, Galati University Press, 2018, ISSN 1221-4620.
16. Obreja, C.D., Dajbog, M., 2018, *Theoretical investigation on the seakeeping performance of a supply vessel with X-bow form*, The Annals of „Dunarea de Jos” University of Galati, Fascicle XI –

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- Shipbuilding, Year XXXVI, Galati University Press, 2018, ISSN 1221-4620.
17. Obreja, C.D., 2018, *Small ship manoeuvring estimation in planning domain*, The Annals of „Dunarea de Jos” University of Galati, Fascicle XI – Shipbuilding, Year XXXVI, Galati University Press, 2018, ISSN 1221-4620.
18. Obreja, C.D., 2017, *Software platform for hydrostatics and hydrodynamics performances estimation in early ship design*, The Annals of „Dunarea de Jos” University of Galati, Fascicle XI – Shipbuilding, Year XXXV, pp. 5-10, Galati University Press, ISSN 1221-4620.
19. Obreja, C.D., 2017, *Small ships manoeuvring estimation in displacement domain*, The Annals of „Dunarea de Jos” University of Galati, Fascicle XI – Shipbuilding, Year XXXV, pp. 31-36, Galati University Press, ISSN 1221-4620.
20. Obreja, C.D., 2017, *Small ship resistance estimation in planning domain*, The Annals of „Dunarea de Jos” University of Galati, Fascicle XI – Shipbuilding, Year XXXV, pp. 49-52, Galati University Press, ISSN 1221-4620.
21. Obreja, C.D., 2016, *Squat analysis of an inland passenger vessel*, Constanta Maritime University Annals, Year XVII, Vol. 25, pp. 47-50, Constanta, 2016, Nautica Publishing House, ISSN 1582-3601.
22. Obreja, C.D., 2016, *Small ship resistance estimation in displacement and transient domain*, Constanta Maritime University Annals, Year XVII, Vol. 25, pp. 51-54, Constanta, 2016, Nautica Publishing House, ISSN 1582-3601.
23. Obreja, C.D., Crudu, L., Popiniuc, V., 2016, *Trim influence on hydrodynamic resistance of a sailing boat*, Constanta Maritime University Annals, Year XVII, Vol. 25, pp. 55-58, Constanta, 2016, Nautica Publishing House, ISSN 1582-3601.
24. Obreja, C.D., 2016, *Ship manoeuvring performance in shallow water restriction*, Constanta Maritime University Annals, Year XVII, Vol. 26, pp. 33-36, Constanta, 2016, Nautica Publishing House, ISSN 1582-3601.
25. Obreja C.D., 2015, *Software platform for manoeuvrability performance estimation in initial ship design*, Analele Universității „Dunărea de Jos” din Galați, Fascicula XI–Constructii Navale, Anul XXXIII, pp. 15-20, Galati University Press, ISSN 1221-4620.
26. Obreja C.D., Chiracu D.I., 2015, *Practical evaluation of high-speed round bilge catamaran resistance*, Analele Universității „Dunărea de Jos” din Galați, Fascicula XI–Constructii Navale, Anul XXXIII, pp. 21-26, Galati University Press, ISSN 1221-4620.
27. Obreja C.D., Chirilă T.A., 2015, *Preliminary computation of yacht resistance components using Delft series*, Analele Universității „Dunărea de Jos” din Galați, Fascicula XI–Constructii Navale, Anul XXXIII, pp. 77-80, Galati University Press, ISSN 1221-4620.
28. Obreja C.D., Bahrim B.I., 2015, *Computation of main dimensions and form coefficients in initial ship design*, Analele Universității „Dunărea de Jos” din Galați, Fascicula XI–Constructii Navale, Anul XXXIII, pp. 95-98, Galati, 2015, Galati University Press, ISSN 1221-4620.
29. Obreja C.D., Chiroșcă A.M., 2015, *Preliminary estimation of ship weight*, Analele Universității „Dunărea de Jos” din Galați, Fascicula XI–Constructii Navale, Anul XXXIII, pp. 115-118, Galati University Press, ISSN 1221-4620.
30. Obreja C.D., Domnisoru L., 2014, *Simulation of the inland pushed convoy manoeuvres*, Analele Universității „Dunarea de Jos” din Galati, Fascicula XI–Constructii Navale, Anul XXXII, pp. 21-26, Galati University Press, ISSN 1221-4620.
31. Obreja C.D., Domnisoru L., 2014, *Inland pushed convoy resistance*, Analele Universității „Dunarea de Jos” din Galati, Fascicula XI–Constructii Navale, Anul XXXII, pp. 39-43, Galati University Press, ISSN 1221-4620.
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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33. Obreja C.D., Chiracu D.I., 2014, *Practical evaluation of the high-speed catamaran resistance with hard-chine forms*, Analele Universității „Dunarea de Jos” din Galați, Fascicula XI–Constructii Navale, Anul XXXII, pp. 89-93, Galați University Press, ISSN 1221-4620.
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.
35. Obreja, D.C., 2013, *Experimental model resistance tests on a gas carrier barge*, Analele Universității Dunărea de Jos din Galați, Fascicula XI – Constructii Navale, Anul XXXI, pp. 69-74, Galați, 2013, Galați University Press, ISSN 1221-4620.
36. Obreja, D.C., 2013, *Mathematical model of the inland pushed convoy manoeuvres*, Analele Universității Dunărea de Jos din Galați, Fascicula XI – Constructii Navale, Anul XXXI, pp. 119-126, Galați, 2013, Galați University Press, ISSN 1221-4620.
37. Domnișoru, L., Rubanenco, I., Obreja, D.C., 2013, *The experimental and numerical linear and non-linear analyses of oscillations response, based on a scaled ITTC type ship model*, Analele Universității Dunărea de Jos din Galați, Fascicula XI – Constructii Navale, Anul XXXI, pp. 75-84, Galați, 2013, Galați University Press, ISSN 1221-4620.
38. Chahbi, M.R., Pacuraru, F., Lungu, A., Obreja, C.D., 2013, *Numerical computation of hydrodynamics forces and moments on KVLCC2 hull*, Analele Universității Dunărea de Jos din Galați, Fascicula XI – Constructii Navale, Anul XXXI, pp. 195-200, Galați, 2013, Galați University Press, ISSN 1221-4620.
39. Obreja, D.C., Jagîte, 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.
40. Marcu, O., Lungu, A., Obreja, D.C., 2012, *Hydrodynamic Performance of the KVLCC2 Tanker Hull*, Analele Universității Dunărea de Jos din Galați, Fascicula XI – Constructii Navale, Anul XXX, pp. 19-26, Galați, 2012, Galați University Press, ISSN 1221-4620.

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41. Obreja, C.D., Nabergoj, R., Crudu, 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 7th 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.

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

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- Selecție cu maximum 20 lucrări în volume de conferințe

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E. Brevete obținute în întreaga activitate

-

Data: 15.11.2021

E – Brevete (pentru întreaga activitate)

Semnătura:

Prof.dr.ing. Dan OBREJA



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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

A. 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.

B. 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 CNCSIS 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 CNCSIS 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 CNCSIS 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 CNCSIS cod 147), ISBN 978-973-627-512-8, 2014, (UDJ 620.1/D65)

**C. 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/uploads/news_files/Proceedings%202018%20final.pdf, (Conference indexed WOS)

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9. 2018. Amoraritei, M., **Domnișoru, L.**, Popescu G., *Ship propulsive performance assessment and GHG emissions requirements*, 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.378-386, (WOS:000542956800050, IDS Number: BP2KH) http://ijtte.com/article/102/ICTTE_Belgrade_2018.html, http://ijtte.com/uploads/news_files/Proceedings%202018%20final.pdf (Conference indexed WOS)
10. 2018. Burlacu, E., **Domnișoru, L.**, Obreja, D., *Seakeeping Prediction of a Survey Vessel Operating in the Caspian Sea*, OMAE The 37th International Conference on Offshore Mechanics and Arctic Engineering, 17-22 June, 2018, Madrid, Spain, ASME The American Society of Mechanical Engineers, Paper No. OMAE2018-77126, <https://www.asme.org/events/omae2018> (<https://asme.pinetec.com/omae2018/data/pdfs/trk-12/index.html>) Scopus 140007 ISBN: 978-079185132-6, DOI: 10.1115/ OMAE2018-77126 (WOS:000449889900012, IDS: BL3MR), (Conference indexed WOS & SCOPUS)
11. 2018. Burlacu, E., **Domnișoru, L.**, *Dynamic Response Investigation of a Small Size Floating Dock Unit in Irregular Oblique Waves*, ModTech 6th International Conference Modern Technologies in Industrial Engineering, Maritime Engineering and Navigation, 13-16 June Constanta, Romania, IOP Conference Series: Materials Science and Engineering, Vol. 400, Issue 8, ISSN 1757-899X, Paper ID: G-36, <https://doi.org/10.1088/1757-899X/400/8/082005>, SCOPUS 141170, (WOS:000461147400185, IDS Number: BM2KQ) (Conference indexed WOS & SCOPUS)
12. 2018. Burlacu, E., **Domnișoru, L.**, *Strength Investigation of a Small Size Floating Dock Unit by 3D-FEM Models in Head Design Waves*, ModTech 6th International Conference Modern Technologies in Industrial Engineering, Maritime Engineering and Navigation, 13-16 June Constanta, Romania, IOP Conference Series: Materials Science and Engineering, Vol. 400, Issue 8, ISSN 1757-899X, Paper ID: G-24, <https://doi.org/10.1088/1757-899X/400/8/082006> SCOPUS 141170, (WOS:000461147400186, IDS Number: BM2KQ) (Conference indexed WOS & SCOPUS)
13. 2018. Pacuraru, S., **Domnișoru, L.**, Pacuraru, F., *Numerical Study on Motions of a Containership on Head Waves*, ModTech 6th International Conference Modern Technologies in Industrial Engineering, Maritime Engineering and Navigation, 13-16 June Constanta, Romania, IOP Conference Series: Materials Science and Engineering, ISSN 1757-899X, Paper ID: G-15, doi:10.1088/1757-899X/400/8/082016, Scopus 141170 (WOS:000461147400196, IDS Number: BM2KQ) (Conference indexed WOS & SCOPUS)
14. 2018. Burlacu, E., **Domnișoru, L.**, *The Transit State Evaluation of a Large Floating Dock by Seakeeping Criteria*, Progress in Maritime Engineering and Technology (Editors Carlos Guedes Soares & T.A.Santos), CRC Press / A.A. Balkema Publishers a member of Taylor & Francis Group London, 4th International Conference on Maritime Technology and Engineering, 7-9 May, Lisbon, Portugal, ISBN 978-1-138-58539-3, pp.611-620, www.centec.tecnico.ulisboa.pt/martech2018, DOI: 10.1201/9780429505294-68, Scopus 220769 (WOS:000467268100068 IDS Number: BM6QE) (Conference indexed WOS & SCOPUS)
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F. Brevete obținute în întreaga activitate

E – Brevete (pentru întreaga activitate)

Data: 17.10.2021

Semnătura:
Prof. dr. ing. Domnișoru Leonard



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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

ANEXA

LISTA COMPLETA A LUCRARILOR PUBLICATE

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53. „*THE INFLUENCE OF BARGES ANCHORAGES ON THE NAVIGABLE CHANNEL*”, Gabriel Popescu, Alina Modiga, 17th International Multidisciplinary Scientific GeoConference SGEM 2017, 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, 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)



Anexa 4 FV

55. "Ship Propulsive Performance Assessment and GHG Emissions Requirements" Amorașitei, M., Domnișoru, 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

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
6. “*Produce Software pentru optimizarea formelor carenelor navelor*”, GRANT CNCSIS , poz. 473 din lista CNCSIS 2002, Membru
7. “*Configurarea sistemelor de comunicații de tip SC330*”, Contract 250/1999, Membru



Anexa 4 FV

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 în vrac, cu dublu înveliș care să corespundă noilor standarde europene și internaționale pentru creșterea securității și 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, ruliu) 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:

A handwritten signature in blue ink, consisting of a large, stylized initial 'F' followed by a cursive name.



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.

G. 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: Interaction of Free Surface Flow with Solid Obstacles and Porous Media

Bidoae, Răzvan, "Interaction of Free Surface Flow with Solid Obstacles and Porous Media", Universitatea: Southern Methodist 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 Navală - 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.



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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



Anexa 4 FV

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*, 20th 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, 20th 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>

C10. Cristian Stingheru, **Carmen Gasparotti**, Eugen Rusu, **2019**, *An Approach for Assessing the Employees Performances Through a Multi-Criteria Decisions Method*, Conference ISI Proceedings Albena, Bulgaria, Section Informatics, vol. 19, pp. 57-66, DOI 10.5593/sgem2019/2.1/S07.008 (Scopus, în curs de indexare WOS)



<https://www.sgem.org/index.php/call-for->

[papers/jresearch?view=publication&task=show&id=5330](https://www.sgem.org/index.php/call-for-papers/jresearch?view=publication&task=show&id=5330)

C11. Turcanu (Marcu) Andra, **Carmen Gasparotti**, Eugen Rusu, **2019**. *Management platform for the port communities*, XIX International Multidisciplinary Scientific GeoConference SGEM 2019, Section Informatics, Albena, Bulgaria, Scopus, Vol. 19, pg. 399-406, DOI 10.5593/sgem2019/2.1/S07.052 (Scopus, în curs de indexare WOS)

<https://www.sgem.org/index.php/call-for->

[papers/jresearch?view=publication&task=show&id=5374](https://www.sgem.org/index.php/call-for-papers/jresearch?view=publication&task=show&id=5374)

C12. Turcanu (Marcu) Andra, **Carmen Gasparotti**, **2019**. *Port management models to reduce the environmental impact and increase the traffic volume*, XIX International Multidisciplinary Scientific GeoConference SGEM 2019, Section Renewable Energy Sources and Clean Technologies, Albena, Bulgaria, Scopus, ISSN 1314- 2704, vol. 19, pg. 403-408, DOI 10.5593/sgem2019/4.1/S17.051 (Scopus, în curs de indexare WOS)

<https://www.sgem.org/index.php/call-for->

[papers/jresearch?view=publication&task=show&id=5856](https://www.sgem.org/index.php/call-for-papers/jresearch?view=publication&task=show&id=5856)

C13. Vasile Rata, Liliana Rusu, **Carmen Gasparotti**. **2018**. *Analysis of the Extreme Events Reported in the Proximity of the Romanian Harbour Areas*. Conference Proceedings Albena, Bulgaria Marine and Ocean Ecosystems, vol. 18, pp. 1071-1077, <https://doi.org/10.5593/sgem2018/3.2> (Scopus, în curs de indexare WOS)

<https://www.sgem.org/index.php/elibrary-research->

[areas?view=publication&task=show&id=1076](https://www.sgem.org/index.php/elibrary-research-areas?view=publication&task=show&id=1076)

C14. Catalin Anton, **Carmen Gasparotti**, Eugen Rusu. **2018**. *Identification of the Economic Pressure on Environmental Factors in the Romanian Coastal Zone - Case Study Eforie* Conference Proceedings Albena, Bulgaria, Ecology, Economics, Education and Legislation, vol. 18, pp. 461-468, <https://doi.org/10.5593/sgem2018/5.3> (Scopus, în curs de indexare WOS)



<https://www.sgem.org/index.php/elibrary-research-areas?view=publication&task=show&id=1621>

C15.Catalin Anton, **Carmen Gasparotti**, Eugen Rusu, Iulia Alina Anton, **2018**, *Approach to the Analysis and Evaluation of the Strategic Intervention Options in the Romanian Coastal Zone Taking Into Account Economic, Social and Environmental Factors* Conference Proceedings Albena, Bulgaria, Ecology, Economics, Education and Legislation, vol. 18, pp. 67-74
<https://doi.org/10.5593/sgem2018/5.3> (Scopus, în curs de indexare WOS)

<https://www.sgem.org/index.php/elibrary?view=publication&task=show&id=1571>

C16.Ovidiu Mocanu, Eugen Rusu, **Carmen Gasparotti**. **2018**. *Cause-Effect Method in Identification of Causes Which Due to Delays in Implementing the Projects with Non-Refund Financing*. Conference Proceedings Albena, Bulgaria, Ecology, Economics, Education and Legislation, vol. 18, pp. 371-378, DOI: 10.5593/sgem2018/5.4 (Scopus, în curs de indexare WOS)

<https://www.sgem.org/index.php/elibrary-research-areas?view=publication&task=show&id=1738>

C17.Nitu Marilena Cristina, **Carmen Gasparotti**. **2018**. *The Relevance of the Pisa Tests in the Decentralization of the Educational System in Romania*. Conference Proceedings Albena, Bulgaria, Ecology, Economics, Education and Legislation, vol. 18, pp. 297-304, DOI: 10.5593/sgem2018/5.4 (Scopus, în curs de indexare WOS)

<https://www.sgem.org/index.php/elibrary-research-areas?view=publication&task=show&id=1729>

C18.Catalin Anton, **Carmen Gasparotti** and Eugen Rusu, **2018**, *A Challenge for the Inland Navigation – a Connection Between the Baltic and the Black Seas*, ICTTE Belgrade, Serbia, INTERNATIONAL JOURNAL FOR TRAFFIC AND TRANSPORT ENGINEERING, pp. 175-186, DOI 10.7708/2217-544X

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Semnătura:



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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

A. 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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5. 2020. Mandru, A., **Pacuraru, F.**, Experimental study on catamaran hydrodynamics, ModTech 2020 8th International Conference - Modern Technologies in Industrial Engineering,

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IOP Conference Series: Materials Science and Engineering, Volume 591, Number 1, Eforie Nord 2020

6. 2019. Pacuraru, S., **Pacuraru F.**, Bekhit, A., Numerical Analysis of Ship Motions for an Offshore Vessel, ICNAAM 2019, 17th International Conference of Numerical Analysis and Applied Mathematics, AIP Proc., 2019
7. 2019. Bekhit, A., **Pacuraru F.**, Pacuraru, S., Hull-Propeller-Rudder Interaction of the JBC Ship Model, ICNAAM 2019, 17th International Conference of Numerical Analysis and Applied Mathematics, AIP Proc., 2019
8. 2019. **Pacuraru, F.**, Validation of potential flow method for ship resistance prediction, 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/591/1/012113/pdf>
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12. 2018. Pacuraru, S., Domnișoru, L., **Pacuraru, F.**, *Numerical Study on Motions of a Containership on Head Waves*, ModTech 6th International Conference Modern Technologies in Industrial Engineering, Maritime Engineering and Navigation, 13-16 June Constanta, Romania, IOP Conference Series: Materials Science and Engineering, ISSN 1757-899X, Paper ID: G-15, doi:10.1088/1757-899X/400/8/082016, Scopus 141170 (WOS:000461147400196, IDS Number: BM2KQ) (Conference indexed WOS & SCOPUS)
13. 2017. **Pacuraru, F.**, Domnisoru, L., *Numerical investigation of shallow water effect on a barge ship resistance*, IOP Conference Series: Materials Science and Engineering, Vol. 227 / 5 August 2017, IOP Publishing, Bristol, UK (ISSN 1757-899X / 1757-8981), (doi:10.1088/1757-899X/227/1/012088), Section G. Maritime Engineering and Navigation, ModTech 2017 5th International Conference - Modern Technologies in Industrial Engineering, ModTech Publishing House, Universitatea Tehnică “Gheorghe Asachi” Iași, Universitatea “Lucian Blaga” Sibiu, 14-17 June 2017, Sibiu, Romania, <http://iopscience.iop.org/article/10.1088/1757-899X/227/1/012088>, Article No. UNSP 012088, (WOS:000409221600088, IDS: BI2II), (Scopus 129763) www.modtech.ro, (Conference indexed 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

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(Prim autor)

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16. 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, SCPIO, Google Scholar)

17. 2018. Mochammad R., **Pacuraru, F.**, Automatic procedure of side ship launching calculation, Analele Universității Dunărea de Jos din Galați, Fascicula XI – Constructii Navale, ISSN 1221-4620, pp.133-138, Galati University Press, 2018 (CNCSIS B+, cod 222, DOAJ Directory Open Access Journal, CSA, Genamics JournalSeek / WorldCat Knowledge Base, SCPIO, Google Scholar)

18. 2017. **Pacuraru, F.**, Panelization study for free surface potential flow computation, Analele Universității Dunărea de Jos din Galați, Fascicula XI – Constructii Navale, ISSN 1221-4620, pp.71-80, Galati University Press, 2017

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29. **Pacuraru, F.**, Svetlozar, N., Free Surface Flow Simulation around Combatant Ship, Analele Universității Dunărea de Jos din Galați, Fascicula XI – Constructii Navale, ISSN 1221-4620, pp. 83-90, Galati University Press, 2012

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

- Reviste

F. Brevete obținute în întreaga activitate

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

A. 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.

B. 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;
4. Obreja, C.D., Crudu, L., Pacuraru S., *Manevrabilitatea Navei. Indrumar de laborator numeric* ISBN 978-973-627 (e-book). Editura Fundației Universitare “Dunărea de Jos” din Galați, 2015;
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C. 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

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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);

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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;

D. Lucrări publicate în ultimii 10 anii 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. Păcuraru Săndița



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

A. 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.

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

.....

C. 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:
3. 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 Flori, Annals of "Dunărea de Jos" University of Galați: Fascicle XI Shipbuilding / Dec.2020:
4. Study of superstructure and mast vibrations / frequencies reduction solutions for a maritime tug, Mocanu Costel Iulian, Mădălina Cristina Onica, Mădălin Marius Costea, Teodor Renardo

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:
 6. Study of superstructure and mast vibrations / frequencies reduction solutions for a maritime tug., Mocanu Costel Iulian, Mădălina Cristina Onica, Mădălin Marius Costea, Teodor Renardo FloriGNA 2020
 7. "Control of welding deformation in thin plate" Mohamed Taha Ali, Teodor Renardo Florin, The Annals of "Dunarea de Jos" University of Galati fascicle xi – shipbuilding. issn 1221-4620, 2018
 8. "Control of welding deformation in thin plate", Mohamed Taha Ali, Teodor Renardo Florin, Galati Naval Architecture Conference, Galați, 20 December 2018
 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



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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>

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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.

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15Dec.2020 [cited 25Jan.2021]; 43:53-0. Available from:

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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:

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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

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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 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)

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

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, consisting of a stylized 'A' followed by a series of loops and a final vertical stroke.



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>



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, **(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, **(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, (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:



Nume Prenume: Modiga Alina

Gradul didactic: șef lucrări 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

Modiga A., 2006, "Contributii privind calculul structurilor multiceleulare cu aplicatii la nave de tip double-skin", Universitatea „Dunarea de Jos” din Galati

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

1. M. Modiga, A. **Modiga**, L.Anghel, A. Ioannou „*Stari limita si colapsul progresiv la incovoierea longitudinala a navei*”, Ed. AGIR, Bucuresti 2018, 186 pag. ISBN 978-973-720-732-6,
2. **Modiga, A., 2015, “Calculul structurilor multiceleulare cu aplicatii la navele de tip double-skin”,** Editura Fundatiei Universitare Dunarea de Jos, Galati, Colectia Stiinte Ingineresti, ISBN 978-627-565-4, 214 pag.;

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

1. Popescu, G., Nechita, M., Mocanu, R., Modiga, A., *A STUDY ON A FLOATING RESTAURANT'S SUPERSTRUCTURE*, S G E M 2 0 1 9, 6th International Multidisciplinary Scientific Conferences on Social Sciences and Arts, 56534, Albena, Bulgaria
2. A. Carmatescu, CI Mocanu, A. **Modiga**, 2019, „A New Concept of Composite Material for High Speed Boats”, Revista Materiale plastice, ISSN 0025/5889, vol 56, pg 11-17, <https://www.revmaterialeplastice.ro/pdf/3%20CARAMATESCU%201%2019.pdf>
3. **Modiga, A.**, Gasparotti, C., Rusu, L., Popescu, G., 2016, “*Analysis of the Main Operations and the Characteristics of the Environmental Matrix at the Romanian Harbors in the Black Sea*”, ICTTE Belgrade, Serbia, 2016, International Conference on Traffic and Transport Engineering, pg. 291-296, doi:10.7708/2217-544X, https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=13&SID=E3sdFTO3vFIaWkEbqA3&page=1&doc=6;
4. Domnisoru, L., **Modiga, A.**, Gasparotti, C., 2016, „*Global Strength Assessment in Oblique Waves of a Large Gas Carrier Ship, Based on a Non-linear Iterative Method*”, ModTech International Conference - Modern Technologies in Industrial Engineering IV, IOP Conf. Series: Materials Science and Engineering 145 (2016) 082009 pg. 1-8, doi:10.1088/1757-899X/145/8/082009, <https://iopscience.iop.org/article/10.1088/1757-899X/145/8/082009>
5. Gasparotti, C., **Modiga, A.**, Domnisoru, L., Rusu, E., 2016, “*The Recent Dynamics of the Navigation and Main Harbor Operations in the Area of the Maritime Danube*”, ICTTE Belgrade, Serbia, International Conference on Traffic and Transport Engineering, pg. 242-249, doi:10.7708/2217-544X,

- https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=C4hz1ztkq65GquPBWfp&page=1&doc=5
6. Popescu, G., Domnisoru, L., Amoraritei, M., **Modiga, A.**, 2016 “*The Danube River Flow Analysis in Critical Points of the Fairway*”, ICTTE 2016, International Conference on Traffic and Transport Engineering, 24-25 November, Belgrade, Serbia, S14, ISBN 978-86-916153-3-8, pg.260-264, **doi:10.7708/2217-544X**, https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=13&SID=E3sdFTO3vFIaWkEbnqA3&page=1&doc=5
 7. **Modiga, A.**, Popescu, G., 2017, “*Green Mooring Locations for Boats*”, 17th International Multidisciplinary Scientific GeoConference SGEM 2017, www.sgemviennagreen.org, SGEM2017 Vienna GREEN Conference Proceedings, ISBN 978-619-7408-29-4 / ISSN 1314-2704, 27 - 29 November, Vol. 17, Issue 63, pp 897-904, **doi:10.5593/sgem2017H/63/S27.111**; <https://www.sgem.org/index.php/elibrary?view=publication&task=show&id=4740>
 8. Popescu, G., **Modiga, A.**, 2017, “*A Study on the Formation of the Sacalin Island of the Danube Delta*”, 17th International Multidisciplinary Scientific GeoConference SGEM 2017, 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, pp. 3-10, **doi: 10.5593/sgem2017H/33/S12.001**; <https://www.sgem.org/index.php/elibrary?view=publication&task=show&id=3521>
 9. Popescu, G., **Modiga, A.**, 2017, “*The Influence of Barges Anchorages on the Navigable Channel*”, 17th International Multidisciplinary Scientific GeoConference SGEM 2017, 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, pp. 371-376, **doi:10.5593/sgem2017H/33/S12.046**; <https://www.sgem.org/index.php/elibrary?view=publication&task=show&id=3566>;
 10. Domnisoru, L., Pacuraru, F., **Modiga, A.**, 2016, „On the software DRSWIN designed for barges draught survey processing”, The Annals of “Dunarea de Jos” University of Galati, Fascicle XI-Shipbuilding (ISSN 1221-4620), pp. 11-18, Galati University Press, (CNCSIS B+, cod 222, BDI: CSA);
 11. Gasparotti, C., **Modiga, A.**, 2015, „*Characteristics of the Environmental Matrix in the Romanian Black Sea Area*”. The Annals of “Dunarea de Jos” University of Galati, Fascicle XI – Shipbuilding, ISSN 1221-4620, pp. 61-70, Galati University Press, (CNCSIS B+, cod 222, BDI: CSA);
 12. **Modiga, A.**, Mocanu, C., Vicol, V., 2015, “*Determination by Measurements of Parameters of Type 3212 LAUNCH TUGS*” - The Annals of “Dunarea de Jos” University of Galati, Fascicle XI – Shipbuilding, <http://www.naoe.ugal.ro>, ISSN 1221-4620, pp., Galati University Press, pp. 89-94;
 13. Murineanu, E., **Modiga, A.**, Modiga, M., 2014, „*On a Risk that may Occur During the Operation of Plate Rolls with C-Type Devices*”, Constanta Maritime University Annals, Year XV, ISSN 1582- 3601, Vol.21, pg. 61-64;
 14. Păunoiu, V., Găvan, E., **Dimache, A.**, 2012, „*Springback Analysis in Reconfigurable Multipoint Forming of Thick Plates*”, The Annals of “Dunarea de Jos” University of Galati, Fascicle V – Technologies in Machine Building, Vol. 2, pag. 47-54, ISSN 1221- 4566;
 15. Hreniuc, V., Bătrâna, G., **Modiga, A.**, 2015, “*A New Manned Models Ship Handling Training Center – Training Area Location Selection*”, *Lucrările celei de-a X-a ediții a Conferinței anuale a ASTR*;

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



Anexa 4 FV

(neindexate)

E. Brevete obținute în întreaga activitate

Data: 10.02.2022

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=mehctrans-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 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=mehctrans-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;
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;
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

E. Brevete obținute în întreaga activitate

- 1.



Anexa 4 FV

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

A. 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.

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

1. -

C. 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

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 –



Anexa 4 FV

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=mehtrans-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 mecanica, 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.

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 “Dunarea 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 “Dunarea 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 “Dunarea 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>

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Data: 28.01.2022

Semnătura:



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 ambarcațiuni 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 ambarcațiuni 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;



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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

- Selecție cu maximum 20 lucrări în volume de conferințe

1. Brevete obținute în întreaga activitate

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.

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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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.

E. 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

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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

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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>

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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 10th International Conference BALTRIB'2019, Vytautas Magnus University 14–16 November 2019. <https://10times.com/international-conference-baltrib;>

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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

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

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):

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Anexa 4 FV

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.

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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;

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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

Data: 26.01.2022

Semnătura:





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 1st 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

B3. Bekhit A., 2018, *Numerical Simulation of The Ship Self-propulsion Prediction using Body Force Method and Fully Discretized Propeller Model*, 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)** 042004. DOI: 10.1088/1757-899X/400/4/042004, **WOS:000461147400076**,



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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

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

B7. Bekhit A., Lungu A., 2018, *Simulation of the POW Performance of the JBC Propeller*, Proceedings of the 16th 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 16th 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 7th 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 17th 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 17th 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 8th 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 9th 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 9th 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,
<https://iopscience.iop.org/article/10.1088/1757-899X/1182/1/012005>



Anexa 4 FV

B16. Păcuraru F., Presura A., **Bekhit A.**, Păcuraru S., 2019, “*Full-Scale Self-Propulsion Simulation for an Inland Catamaran Ferry*”, Proceedings of the 19th 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

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

E. Brevete obținute în întreaga activitate

E – Brevete (pentru întreaga activitate)

Data: 05.11.2021

Semnătura:



Anexa 4 FV

Nume Prenume: Anca Bleoju

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. 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. A. Bleoju, Alin Marius Pohilca, Costel Iulian Mocanu, CRC Press/Balkema, "Inland water floating debris cleanup vessel" - 8th International conference on Marine Structures 2021-Marstruct, ISBN: 678-1-032-13665-3(Hbk), ISBN: 978-1-032-13681-3 (Pbk), ISBN: 978-1-003-23037-3 (eBook)

C2. A. Bleoju, Pohilca A., Tudose D.-I., Mocanu C.I. "Ship concept for cleaning the navigable inland water of floating debris" The Annals of "Dunarea de Jos" University of Galați, Fascicle XI-Shipbuilding 2021, ISSN 1121-4620 (Online), 44, 39-46

C3. A. Bleoju, E. Gavan, C.I. Mocanu C.I., Tudose D.-I. "Impact of high strength steels over large ships fore peak structure" The Annals of "Dunarea de Jos" University of Galați, Fascicle XI-Shipbuilding 2021, ISSN 1121-4620 (Online), 44, 65-70.

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 și capitole în cărți publicate în ultimii 10 ani (2012-2021)

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

- 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



E. Brevete obținute în întreaga activitate

E – Brevete (pentru întreaga activitate)

Data: 17.10.2021

Semnătura:

Drd. ing. Mandru Andreea

Mandru A.



Anexa 4 FV

Nume Prenume: Pascu Paul-Adrian

Gradul didactic: Asist. drd. 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

-

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:



A N E X A 4 . 1

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: 03.03.2022

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:



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

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.

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.
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.

Anexa 4 FV

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 MICROCCHP 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
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, 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



Anexa 4 FV

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

E. 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.

L I S T A

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

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

Anexa 4 FV

6. **Oprea, I.** 2010 - *AN IMPROVED METHOD FOR HEAT PUMPS REFRIGERANT CHOICE* - The Annals of “Dunărea de Jos” University, Fasc. IV, ISSN 1221-4558 ;, pg. 19-24, ISSN 1221-4558, Galati University Press;
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;
9. **Oprea, I.** 2013 - *EXPERIMENTAL AND NUMERICAL INVESTIGATION OF THE THERMAL SEPARATION IN A 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+);
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**



Anexa 4 FV

1. 1987, membru colectiv, Reducerea consumurilor specifice în centrala termoelectrică de la Galați,
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 și acustic al echipamentelor de aer condiționat și ventilatie (spiroduct) produse de I.M.N.Galați - 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 și analiza bilanțului energetic la cuptorul C.P.S. din cadrul L.B.C. - C.S.Galați - 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 și analiza bilanțurilor 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
1
și 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, Bilanțul energetic al Intreprinderii APOLLO Galați - Contract nr. 6/1989;
12. 1995, membru colectiv, Valorificarea surselor termice reziduale cu ajutorul transformatoarelor de căldură cu absorbție - Grant 4007/B2 CNCSU - 1995, poz.B8, cod 81;
13. 1997, membru colectiv, Analiza comparativă și optimizarea sistemelor cu absorbție în vederea valorificării eficiente a surselor termice reziduale - Grant 7007-1-262 CNCSU - 1997;
14. 1998, membru colectiv, Studiul sistemelor cu absorbție și comprimare mecanică de vapori pentru producerea combinată a frigului și 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.
3. Motoare cu ardere internă cu piston, Procese termodinamice, supraalimentare și caracteristici de funcționare, îndrumar de proiectare, Galați University Press, 2008; S M Burciu, M Lupchian.

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 SCIENCES No. 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.

3. Reducing CO₂ emissions from tractor engines by using the fuel mixture with rapeseed oil, [IOP Conference Series: Materials Science and Engineering, Volume 595, The XXIInd National Conference on Thermodynamics with International Participation 23–24 May 2019, Galați](#), S M Burciu, M Lupchian and M Neacșu.

4. Reducing NO_x emissions from tractor engines by using the fuel mixture with rapeseed oil; IOP Conference Series: Materials Science and Engineering, Volume 595, The XXIInd National Conference on Thermodynamics with International Participation 23–24 May 2019, Galați, G Coman, S M Burciu and M Lupchian.

Anexa 4 FV

5. Determination of optimum operating regime for a naval power plant based on minimum fuel consumption, Conference- New face of TMCR, Proceedings of 16th International Conference Modern Technologies, Quality and Innovation, volume I, 4-26 May, Iasi-Chisinau-Belgrade, ISSN 2069-6736, ModTech 2012, included in Index to Scientific & Technical Proceedings of Thomson Scientific – Institute for Scientific Information, ISI Proceedings, Mariana Lupchian.
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.

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

- 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),



Anexa 4 FV

Istanbul. Turkey, August 21 -23, ISSN 2227-4596, ISBN 978-1-61804-114-2, pp. 129-133, 2012, Uzuneanu, K., Lupchian Mariana.

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



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

F. Lucrări indexate ISI/BDI publicate în ultimii 10 ani

ISI

1. 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 Materiale Plastice (Mater. Plast.), 2021, Volume 58, Issue 3, 51-63, <https://doi.org/10.37358/MP.21.3.5503>

2. Pîrvu C, Deleanu L. Failure Investigation of Layered LFT SB1plus Package after Ballistic Tests for Level IIA. Polymers. 2021; 13(17):2912. <https://doi.org/10.3390/polym13172912>

3. 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>.

Anexa 4 FV

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. Pirvu 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>
8. Alil L. C., Arrigoni M., Deleanu L., Istrate M., Assessment of delamination in Tensylon® UHMWPE composites by laser-induced shock, 2018 *Materiale plastice*, 55(3), pp 364-317, <http://www.revmaterialeplastice.ro/pdf/24%20ALIL%20L%203%2018.pdf>
9. Pirvu C., Maftei 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>
10. Onea F., **Deleanu L.**, Rusu L., Georgescu C., Evaluation of the wind energy potential along the Mediterranean Sea coasts, July 2016, *Energy Exploration & Exploitation*, DOI: 10.1177/0144598716659592, <https://journals.sagepub.com/doi/pdf/10.1177/0144598716659592>
11. Georgescu C., Solea L. C., **Deleanu L.**, Rheological aspects of corn oil and rapeseed oil, *Journal of the Balkan Tribological Association*, vol. 21. no. 4, pp. 912-921, January 2015, SCIBULCOM LTD, <https://www.tib.eu/en/search/id/BLSE%3ARN604560972/Rheological-Aspects-of-Corn-Oil-and-Rapeseed-Oil/>
12. **Deleanu L.**, Georgescu C., Water lubrication of PTFE composites, *Industrial Lubrication and Tribology*, Vol. 67 Iss: 1, pp.1–8, 2015, <https://doi.org/10.1108/ilt-11-2011-0095>
13. Deleanu L., Georgescu C., Ciortan S., Solea L.C., Flammability of emulsions on hot surfaces, *Industrial Lubrication and Tribology* 67 (5), 434-440, 2015, <https://doi.org/10.1108/ILT-12-2013-0145>, <https://www.emeraldinsight.com/doi/pdfplus/10.1108/ilt-11-2011-0095>
14. Botan M., Danila D., Pirvu C., Deleanu L., Influence of interface quality on stress and strain distribution in a micro cell of a composite, *Revista de Materiale Plastice*, vol. 52, no. 1, 2015, <http://www.revmaterialeplastice.ro/pdf/BOTAN%20M.pdf%201%2015.pdf>
15. Georgescu C., Deleanu L., Botan M., Dry sliding of composites with PBT matrix and micro glass beads on steel, *Industrial Lubrication and Tribology*, Vol. 66 Issue 3, pp. 424–433, 2014, <https://doi.org/10.1108/ilt-03-2012-0026>, <https://www.emeraldinsight.com/doi/abs/10.1108/ilt-03-2012-0026?fullSc=1&journalCode=ilt>

Anexa 4 FV

16. Botan M., Georgescu C., Deleanu L., A comparing tribological study of PBT and PBT with aramid fibers, for block-on-ring, Periodical of Applied Mechanics and Materials Vol. 658, pp. 283-288, 2014, Advanced Concepts in Mechanical Engineering, Trans Tech Publications, Switzerland, doi: 10.4028/www.scientific.net/AMM.658.283
 17. Georgescu C., Botan M., Deleanu L., Influence of adding materials in PBT on tribological behaviour, Revista de Materiale plastice, vol. 51, no. 4, 2014, <http://www.revmaterialeplastice.ro/pdf/GEORGESCU%20C.pdf%204%2014.pdf>
 18. Georgescu C., Ștefănescu I., Boțan M., **Deleanu L.**, Friction and wear of polybutylene terephthalate against steel in block-on-ring tests, Materiale Plastice, SC Biblioteca chimiei SA, București, 2012, <http://www.revmaterialeplastice.ro/pdf/GEORGESCU.pdf%203%2012.pdf>
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2. Ionescu T.F., Pirvu C., Badea S., Georgescu C., **Deleanu L.**, The Influence of Friction Characteristics in Simulating the Impact Bullet - Stratified Materials, 15th 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
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5. Pirvu C., **Deleanu L.**, Lazaroaie C., Ballistic tests on packs made of stratified aramid fabrics LFT SB1, The 7th International Conference on Advanced Concepts on Mechanical Engineering, Iasi, 9-10 June 2016
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
7. Georgescu C., Solea L. C., Cristea C. G., **Deleanu L.**, On Lubricating Characteristics of Rapeseed Oils, First International Conference on Tribology, Turkeytrib'15, 2015, Istanbul, Turkey, 7-9 October, 2015, <http://www.turkeytrib.yildiz.edu.tr/wp-content/uploads/Final-Technical-Program-Turkeytrib-15.pdf>
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19. **Deleanu L.**, Andrei G., Bîrsan I.G., Răileanu I., Particular Aspects of Tribological Behaviour for Composites with Polyamide Matrix and Microglass Spheres, 3rd Conf. on Tribology ECOTRIB 2011, Osterreichische Tribologische Gesellschaft, Viena, Austria, p. 213-218, 2011.
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Data:

2.11.2021

Semnătura:





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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

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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>

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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

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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,
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 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>
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 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,
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 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,
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 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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16. „DRIVER’S BIOMECHANICS INFLUENCE ON AIR POLLUTION”, Valentin Amortîlă, 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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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>

19. „RE-ENGINEERING OF A PLANETARY SHAFT BASED ON LIFE EXPECTATION”, C Humelnicu, Mechanical Testing and Diagnosis 7 (3), 14-23,

https://www.mtd.ugal.ro/download/2017-3/2_MTD_Volume%203_2017%20Humelnicu%20-final.pdf

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,

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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,

<https://dj.univ-danubius.ro/index.php/EE/article/view/1454/1726>



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Data: 08.11.2021

Semnătura:



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>

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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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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

- 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 Materiale 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 Ni₅₇Fe₁₈Ga₂₅ 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 Galbinasu, 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)
7. Popa, M (Popa, Mihai); Mihalache, E (Mihalache, Elena); Cojocaru, VD (Cojocaru, Vasile Danut); Gurau, C (Gurau, Carmela); Gurau, G (Gurau, Gheorghe); Cimpoesu, N (Cimpoesu, Nicanor); Pricop, B (Pricop, Bogdan); Comaneci, RI (Comaneci, Radu-Ioachim); Vollmer, M (Vollmer, Malte); Krooss, P (Krooss, Philipp); 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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9. Gurau, G; Gurau, C; Tolea, F; Sampath, V, Structural Change in Ni-Fe-Ga Magnetic Shape Memory Alloys after Severe Plastic Deformation, MATERIALS, Volume: 12, Issue: 12, Article Number: 1939, DOI: 10.3390/ma12121939, Published: JUN 2 2019, Document Type: Article.
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)
14. Gurau, G (Gurau, Gheorghe); Gurau, C (Gurau, Carmela); Sampath, V (Sampath, Vedamanickam); Bujoreanu, LG (Bujoreanu, Leandru Gheorghe), Investigations of a nanostructured FeMnSi shape memory alloy produced via severe plastic deformation, INTERNATIONAL JOURNAL OF MINERALS METALLURGY AND MATERIALS, Issue: 11, Volume: 23, Pages: 1315-1322, WOS:000387567400010, IF= 1.221(2018)
15. Iticescu, C (Iticescu, Catalina); Georgescu, LP (Georgescu, Lucian P.); Gurau, G (Gurau, Gheorghe); Murarescu, M (Murarescu, Monica); Dima, D (Dima, Dumitru); Murariu, G (Murariu, Gabriel); Gheorghies, C (Gheorghies, Constantin), METHODS TO REDUCE ENVIRONMENTAL IMPACT OF MUNICIPAL WASTE WATER SEWAGE SLUDGE, ENVIRONMENTAL ENGINEERING AND MANAGEMENT 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, Leandru-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_{43.5}Mn₃₄Al₁₅ ± XNi_{7.5}±X 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&src=s&sid=b16a2dc37b44958b199d1c4846b294b6&sot=autdocs&sdt=autdocs&sl=18&s=AU-ID%2836716151700%29&relpos=4&citeCnt=0&searchTerm=>
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 <https://www.scopus.com/record/display.uri?eid=2-s2.0-85063895045&origin=resultslist&sort=plf-f&src=s&sid=b16a2dc37b44958b199d1c4846b294b6&sot=autdocs&sdt=autdocs&sl=18&s=AU-ID%2836716151700%29&relpos=5&citeCnt=0&searchTerm=>
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 <https://www.scopus.com/record/display.uri?eid=2-s2.0-85063861183&origin=resultslist&sort=plf-f&src=s&sid=b16a2dc37b44958b199d1c4846b294b6&sot=autdocs&sdt=autdocs&sl=18&s=AU-ID%2836716151700%29&relpos=6&citeCnt=0&searchTerm=>
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 <https://www.scopus.com/record/display.uri?eid=2-s2.0-85073333778&origin=resultslist&sort=plf-f&src=s&sid=b16a2dc37b44958b199d1c4846b294b6&sot=autdocs&sdt=autdocs&sl=18&s=AU-ID%2836716151700%29&relpos=7&citeCnt=0&searchTerm=>
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 <https://www.scopus.com/record/display.uri?eid=2->

Anexa 4 FV

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f&src=s&sid=b16a2dc37b44958b199d1c4846b294b6&sot=autdocs&sdt=autdocs&sl=18&s=AU-ID%2836716151700%29&relpos=7&citeCnt=0&searchTerm=

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 <https://www.scopus.com/record/display.uri?eid=2-s2.0-85058882598&origin=resultslist&sort=plf->

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9. Gurau, C., Gurau, G., Gurau, L., Marin, M., Marin, F.B., Composition effects and thermomechanical treatments on mechanical and structural performance of s420nl steel, International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, Volume 18, Issue 6.1, 2018, Pages 131-138 <https://www.scopus.com/record/display.uri?eid=2-s2.0-85058888335&origin=resultslist&sort=plf->

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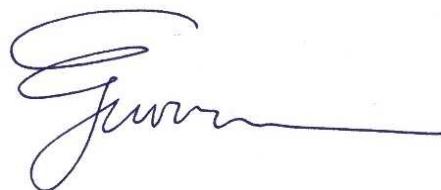
10. Marin, F.B., Marin, M., Gurău, G., Gurău, C., Petrică, A., Application of an artificial neural network for prediction of the wear resistance of sintered iron alloys, International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, Volume 18, Issue 6.1, 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->

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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

A. Teza de doctorat

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

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

-

C. 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 NO₂ concentrations in an urban area, Conference: 18th International Multidisciplinary Scientific

Anexa 4 FV

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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.

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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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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, Galați ,p 267-276

5. **Viorel Drăgan**, Alexandru Chiriac, Marian NEACȘU-CONTRIBUTION TO THE STUDY OF SOME SPECIAL MATERIALS FROM THE SYSTEM Al-Mn-Fe, NEW TRENDS IN ENVIRONMENTAL AND MATERIALS ENGINEERING, TEMA 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, 19TH INTERNATIONAL CONFERENCE ON METALLURGY AND MATERIALS, May 19-20 2010, CZECH REPUBLIC, ISBN 978-80-87294,p154

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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

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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.

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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

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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:

05.11.2021

Semnătura:





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

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 9. Research regarding the influence of the deformation degree on the characteristics of deep drawing sheet steel
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(neindexate)

- Reviste

- Selecție cu maximum 20 lucrări în volume de conferințe

E. Brevete obținute în întreaga activitate

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2. Instalație de acoperiere a benzilor, (coautor). Dumitru Potecașu Octavian, Petrică Alexandru, Mircea Pesceanu, Hanganu Doru, Brevet OSIM nr.117073/2003;
3. Procedeu de îndreptare a bramelor turnate continuu si masina de tragere si îndreptare (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
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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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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

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- Selecție cu maximum 20 lucrări în volume de conferințe

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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 ZrO₂-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
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7. Hybrid nanomaterials as dielectric gate for thin films transistors, **Viorica Pleșcan (Ghisman)**, Elena Emanuela Herbei, Silviu Epure, Laurențiu Frangu, Alexandru Petrică, Țimpu 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 ROMPHYSICHEM 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

F. 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: 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, Conducator 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. Vonicilă, 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. Vonicilă, 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.
8. **Mădălin Costin**, Ion Vonicilă, Ion Bivol, A Priori Cost of the Energy to Perform Movement on a Predefined Path, Acta Polytechnica Hungarica Vol. 15, No. 7, 2018.

Anexa 4 FV

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 OUTPUT 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](https://doi.org/10.1109/ISEEE.2013.6674361).
14. **Voncila, I., Buhosu, R., Costin, M.,** "Influence of frequency on the performance of integrated electric drive systems" Proceedings of 2013 4th International Symposium on Electrical and Electronics Engineering (ISEEE) [10.1109/ISEEE.2013.6674361](https://doi.org/10.1109/ISEEE.2013.6674361).
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.
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.



Anexa 4 FV

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: 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

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”



Anexa 4 FV

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;

Anexa 4 FV

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

- 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



Anexa 4 FV

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 :



Anexa 4 FV

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).



Anexa 4 FV

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:



Anexa 4 FV

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 si mediu

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 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
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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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Yakup Yldrm, Anjan Biswas, Padmaja Guggilla, Salam Khan, Mehmet Ekici, Luminita Moraru, Houria Triki, E. M. E. Zayed, Abdullah K. Alzahrani & Milivoj R. Belic
Nonlinear Optics Quantum Optics, accepted ian 2021
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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.

E. Brevete obținute în întreaga activitate

1.

Data: 23.10.2021

Semnătura:



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Cadrul didactic: prof.dr. Luminita Moraru

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

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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

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6. Ancuța Dinu (Iacob), Constantin Apetrei. Electrochemical sensors and biosensors based on polypyrrole for the detection of the amino acids LPhenylalanine and L-Tyrosine CDS-UDJG 2021, Galați, 10th and 11th of June 2021, Oral, Abstract published in Abstract Book p. 111.
7. Constantin Apetrei, Alexandra Virginia Bounegru, Irina Georgiana Munteanu, Irina Mirela Apetrei. Electrochemical sensors and biosensors based on polypyrrole for detection of phenolic

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compounds in olive oils CDS-UDJG 2021, Galați, 10th and 11th of June 2021, Oral, Abstract published in Abstract Book p. 117.

8. Madalina Călmuc, Valentina Andreea Calmuc, Maxim Arseni, Constantin Apetrei, Lucian P. Georgescu, Catalina Iticescu. Application of ATR-FTIR spectroscopy for plastic debris identification in the Lower Danube water. CDS-UDJG 2021, Galați, 10th and 11th of June 2021, Oral, Abstract published in Abstract Book p. 232

9. Alexandra Virginia Mereșescu (Bounegru), Constantin Apetrei. Enzyme sensors based on carbonaceous nanomaterials modified with cobalt phthalocyanine and lacasse used for p-coumaric acid detection in pharmaceuticals products. CDS-UDJG 2021, Galați, 10th and 11th of June 2021, poster, Abstract published in Abstract Book p. 268

10. Irina Georgiana Bulgaru (Munteanu), Constantin Apetrei. Detection of chlorogenic acid with electrochemical sensors. CDS-UDJG 2021, Galați, 10th and 11th of June 2021, poster, Abstract published in Abstract Book p. 270

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12. Ancuta Dinu (Iacob), Constantin Apetrei. Development of a novel biosensor based on Laccase/Polypyrrole/ Screen-Printed Electrode for Detection of L-Tyrosine in pharmaceuticals. CDS-UDJG 2021, Galați, 10th and 11th of June 2021, poster, Abstract published in Abstract Book p. 278

13. Ramona Oana Gunache (Roșca), Constantin Apetrei. Detection of atorvastatin with a voltammetric sensor based on carbon nanotubes and gold nanoparticles. CDS-UDJG 2021, Galați, 10th and 11th of June 2021, poster, Abstract published in Abstract Book p. 278

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Conference on Chemical Sensors and Analytical Chemistry session Electrochemical Devices and Sensors, sciforum-046439.

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E. Brevete obținute în întreaga activitate

1. -

Data: 18.10.2021

Semnătura:



Anexa 4 FV

Nume Prenume: Dăscălescu Dorin

Gradul didactic: Asistent doctorand

Instituția unde este titular: universitatea Dunarea de Jos Galați

Facultatea: Științe și Mediu

Departamentul: Chimie-Fizică și Mediu

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>
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C2. Dăscălescu, D.; Apetrei, C. Voltammetric Determination of Levodopa Using Mesoporous Carbon—Modified Screen-Printed Carbon Sensors. *Sensors* **2021**, *21*, 6301. <https://doi.org/10.3390/s21186301> - Impact Factor: 3.576.

Data: 15.11.2021

Semnătura:



Anexa 4 FV

Nume Prenume: Dincă(Lăzărescu) Andreea - Monica

Gradul didactic: Drd.

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

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

C1. Andreea-Monica (Lăzărescu) Dincă , Simona Moldovanu, Luminița Moraru, "Feed-Forward Back Propagation Network for prediction of diabetic retinopathy disorder ", ANNALS OF "DUNAREA DE JOS" UNIVERSITY OF GALATI, MATHEMATICS, PHYSICS, THEORETICAL MECHANICS FASCICLE II, YEAR XIII (XLIV) 2021, No. 1, pp.67-74, <https://doi.org/10.35219/ann-ugal-math-phys-mec>.

Data: 18.02.2022

Semnătura:



Nume Prenume: **Țigau Nicolae**

Gradul didactic: **Profesor doctor inginer**

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

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

1. Ene A., N. **Țigau**, G. Murariu, Condurache-Bota S., *Teste grila de fizica pentru admitere in invatamantul superior*, Editura Galati University Press, 2012, ISBN 978-606-8348-49-0.

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

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 21. Romana Drașovean, Simona Condurache Bota, **Nicolae Tigau**, Carmen Purghel Nistor, *Wastewater assessment in Galatz city (ROMANIA) during 2015-2016*, EQA – Environmental quality / Qualité de l'Environnement / Qualità ambientale, 27 (2018) 47-54
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 23. **N. Tigau**, Simona Condurache-Bota, *Optical constants of ZnSe thin films deposited by thermal evaporation technique*, Annals of the University „Dunarea de Jos” of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II, YEAR III (XXXIV) No. 1, 2011, pp. 40-45. International Data Bases: Cambridge Scientific Abstracts (CSA).
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 26. M.D. Gavrila (Donose), A.M. Cantaragiu, C. Gheorghies, **N. Tigau**, S. Donose, *Preparation and Characterisation of Alumina Template Obtained by One-Step Anodization Method*, The Annals of „Dunarea de Jos” University of Galati, Fascicle IX Metallurgy and Materials Science No. 2, 2013, p.5-9., ISSN 1453 – 083X. International Data Bases: CSA, EBSCO, COPERNICUS.
 27. **N. Tigau**, D. C. Vladu Radu, G. Prodan, C. Gheorghies, S. Condurache-Bota, *Preparation and Characterization of Tin Oxide Thin Films*, The Annals of „Dunarea de Jos” University of Galati, Fascicle IX Metallurgy and Materials Science No. 2, 2013, p.22-25, ISSN 1453 – 083X. International Data Bases: CSA, EBSCO, COPERNICUS.
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Jos” din Galați. Fascicula II, Matematică, fizică, mecanică teoretică / Annals of the “Dunarea de Jos” University of Galati. Fascicle II, Mathematics, Physics, Theoretical Mechanics, (2019) 42(2), pp. 167-171. doi: <https://doi.org/10.35219/ann-ugal-math-phys-mec.2019.2.07>

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32. Simona Condurache-Bota, **Nicolae Tigau**, Catalin Constantinescu, Effect of substrate temperature on bismuth oxide thin films grown by pulsed laser deposition, SN Applied Sciences (2020) 2:417, <https://doi.org/10.1007/s42452-020-2217-2>
33. Bertolotti Federica, Tabacaru Aurel, Musat Viorica, **Tigau Nicolae**, Cervellino Antonio, Masciocchi Norberto, Guagliardi Antonietta, Band Gap Narrowing in Silane-grafted ZnO Nanocrystals. A Comprehensive Study by Wide-angle X-ray Total Scattering Methods, The Journal of Physical Chemistry, Section: C: Physical Properties of Materials and Interfaces, Publication Date:February 23, 2021, <https://doi.org/10.1021/acs.jpcc.0c10502>

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.
2. **N. Tigau**, Condurache-Bota S., *Influence of annealing on the structural and optical properties of Sb₂O₃ thin films*, Section 3. Thin films and nanostructures of functional materials, The 8th International Conference on Advanced Materials, ROCAM 2015, 7-10 July 2015, Bucharest, Romania.
3. Condurache-Bota S., **N. Tigau**, M. Praisler, G. Prodan, R. Gavrilă, *Near-infrared energy bandgap bismuth oxide thin films and their in-depth morpho-structural and optical analysis*, European Conference on Surface Science ECOSS 31, 31 August – 4 September 2015, Barcelona, Spain. <http://www.ecoss2015.org/>
4. Drașovean Romana, **N. Tigau**, Condurache-Bota S., *Surface water assessment in Galatz city during 2014-2016*, The 16th International Balkan Workshop on Applied Physics, IBWAP 2016 (7-9, July, 2016), Constanta, Romania, S5-Engineering and Industrial Physics, S5 P32, pp.181.
5. **N. Tigau**, Condurache-Bota S., Emilian Danila, *Substrate temperature effect on the structural and optical properties of ZnSe thin films*, International Conference of Physical Chemistry – ROMPHYSICHEM 16, 21 –23 sept. 2016, Galati, Romania, S5- pp. 117.
6. Mușat V., A. Filip, **N. Tigau**, R. Dinica, F. Comanescu, M. Purica, *Microwave-assisted hydrothermal synthesis of 1D nanostructured ZnO based layers for optoelectronic applications*, The 14th International Conference on Nanosciences&Nanotechnologies (NN17) (4-7, July, 2017), Thessaloniki, Greece.
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Anexa 4 FV

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 Purghel 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.

E. 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**^{1,*}, Antoaneta Ene¹, Luminița Moraru¹, Adriana Dănilă², Liliana Cioară³, 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**^{a,*}, Adriana Dănilă^c, Mirela Pungă^{a,b}, Antoaneta Ene^a, Luminița Moraru^a, 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**^{a,*} Adriana Dănilă^c, Antoaneta Ene^a, Luminița Moraru^a, Mirela Pungă^{a,b}, 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^{a,*}**, Adriana Dănilă^c, Mirela Pungă (Visan)^{a,b}, Luminița Moraru^a, Hahuie Valentin^{a,d}, 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^{a,b}, **Emilian Dănilă^{a,*}** Adriana Dănilă^c, Lucian Georgescu^a, 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 Filimon¹, Mirela Praisler¹, Dumitru Dima¹, Michaela Dobre², **Emilian Danila¹** , 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 Filimon¹, Mirela Praisler¹, Dumitru Dima¹, Michaela Dobre², **Emilian Danila¹** , 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, 18th 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 18th 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 19th 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 19th 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/SiO₂ 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 13th 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 13th 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 13th 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 18th 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 18th International Multidisciplinary Scientific Geoconference SGEM , 30 June-9 July , Bulgaria 2018.
18. **Romana Drasovean**, Gabriel Murariu, Carmen Nistor Purghel, *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

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

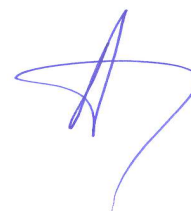
- Selecție cu maximum 20 lucrări în volume de conferințe

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

F. 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)

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

- Lucrări indexate BDI-SCOPUS

- Lucrări indexate BDI

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- Reviste

1. Brevete obținute în întreaga activitate

E – Brevete (pentru întreaga activitate)

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Semnătura:

Asist. Drd. Harabagiu Neculai