

ANEXĂ
LISTA LUCRĂRILOR PUBLICATE

a) Articole indexate ISI-WOS - 1

1. Perijoc, D. S., Domnisoru, L., & Modiga, A. (2025). Parametric strength analysis of a river-coastal boat made of GRE composite materials in oblique design wave scenarios. *Results in Engineering*, 28. <https://doi.org/10.1016/j.rineng.2025.107483>

b) Articole indexate SCOPUS - 3

1. 2024. Domnisoru, L., **Perijoc, D.S.** (2024). *On the seakeeping response valuation in random sea state conditions of a large LNG liquefied natural gas carrier*. ModTech 12th International Conference Modern Technologies in Industrial Engineering, Maritime Engineering and Navigation, June 24-27, 2024, Kuala Lumpur (hybrid), Malaysia, Paper ID: G-1, Section G. Maritime Engineering and Navigation: Maritime Engineering and Technologies, Maritime Transport and Economics, International Journal of Modern Manufacturing Technologies. IJMMT – Modtech 2024 Paper ID G-1, ISSN 2067–3604, Vol. XVI, No. 3 / 2024, (Journal indexed SCOPUS, Index Copernicus International, IET-INSPEC, Google Scholar, China National Knowledge Infrastructure CNKI) (**acceptat spre publicare, Adeverința IJMMT-MODTECH nr. 8 / 4.09.2024**)
2. 2023. **Perijoc, D.S.**, Domnișoru, L., *Structural evaluation of an inland barge structure under fore area grounding impact loads*, ModTech 11th International Conference Modern Technologies in Industrial Engineering, Maritime Engineering and Navigation, 14-17 June 2023, Bucharest (hybrid), Romania, Paper ID: G-6, Section G. Maritime Engineering and Navigation: Maritime Engineering and Technologies, Maritime Transport and Economics, IJMMT - International Journal of Modern Manufacturing Technologies, ISSN 2067–3604, Vol. XV, No. 3 / 2023, pag.117-124, <https://doi.org/10.54684/ijmmt.2023.15.3.117>, www.modtech.ro, <https://ijmmt.ro/international-journal-ijmmt/vol15no32023> (Journal indexed SCOPUS, Index Copernicus International, IET-INSPEC, Google Scholar, China National Knowledge Infrastructure CNKI)
3. 2019. Chirica, I., Angheluță, C. M., **Perijoc, D.S.**, Hobjilă, A. I., & Frătita, M. *Mesh independence of a transient multiphase fluid-solid interaction*. Journal of Physics: Conference Series, Volume 1297, Issue 1, 30 September 2019, Article number 012026, 5th International Scientific Conference, SEA-CONF 2019, Constanta, 17 May 2019 through 18 May 2019, Scopus Code 153574, DOI: <https://doi.org/10.1088/1742-6596/1297/1/012026> (Indexed SCOPUS, DOAJ, Google Scholar)

c) Articole indexate BDI - 16

1. 2025, Tanase, A., Modiga, A., & **Perijoc, D.-S.** (2025). STRESS AND DEFORMATION ANALYSIS OF A MODULAR FLOATING DOCK WITH A 5000-TON. *Analele Universității „Dunărea de Jos” din Galați Fascicula XI Construcții navale/ Annals of „Dunărea de Jos” of Galati Fascicle XI Shipbuilding*, 48, 167-172. <https://doi.org/https://doi.org/10.35219/AnnUgalShipBuilding/2025.48.20>
2. 2025, Tamoanu, T., Modiga, A., Bidoaie, R., & **Perijoc, D.-S.** (2025). STRUCTURAL EVALUATION OF A 1400 DWT INLAND NAVIGATION BARGE. *Analele Universității „Dunărea de Jos” din Galați Fascicula XI Construcții navale/ Annals of „Dunărea de Jos” of Galati Fascicle XI Shipbuilding*, 48, 173-180. <https://doi.org/https://doi.org/10.35219/AnnUgalShipBuilding/2025.48.21>
3. 2024. **Perijoc, D.S.**, Domnișoru, L. *Seakeeping performance prediction of a river-costal boat made of GRE composite materials*. The Annals of “Dunarea de Jos” University of Galati, Fascicle XI-Shipbuilding, Issue 47(42), ISSN 1221-4620 (Print); ISSN 2668-3156 (Online),

pp.5-14, Galati University Press, 2024 (CNCSIS B+, cod 222, Journal indexed EBSCO, DOAJ Directory Open Access Journal, CSA, CrossRef, Genamics JournalSeek / WorldCat Knowledge Base, Sciencegate, Scientometrics, SCIOPI, Google Scholar)+

4. 2024. Ungureanu, C., Presură, A., Bosoancă, R., Mândru, A., **Perijoc, S.**, Mihai, V., & Cotoc, G. (2024). STUDIES ON THE CONVERSION OF A RIVER CARGO BARGE INTO A FLOATING FISH FARM. The Annals of „Dunarea de Jos” University of Galati. Fascicle IX, Metallurgy and Materials Science, 47(1), 9-17.
5. 2024. Ungureanu, C., Presură, A., Bosoancă, R., Mândru, A., Perijoc, D.-S., Mihai, V., & Cotoc, G. REVIEW ON SHIP SHAPED FISH FARMS. The Annals of „Dunarea de Jos” University of Galati. Fascicle IX, Metallurgy and Materials Science, 47(1), 5-8.
<https://doi.org/https://doi.org/10.35219/mms.2024.1.01>
6. 2023. **Perijoc, D.S.**, Domnisoru, L., *Comparative analysis of seakeeping methods: numerical, software simulation and experimental study*, Galati Naval Architecture GNA'23, 16th National Conference on Naval Architecture, The Annals of “Dunarea de Jos” University of Galati, Fascicle XI-Shipbuilding, Issue 46(41), ISSN 1221-4620 (Print); ISSN 2668-3156 (Online), pp.89-96, Galati University Press, 2023 (CNCSIS B+, cod 222, Journal indexed EBSCO, DOAJ Directory Open Access Journal, CSA, CrossRef, Genamics JournalSeek / WorldCat Knowledge Base, Sciencegate, Scientometrics, SCIOPI, Google Scholar) DOI: <https://doi.org/10.35219/AnnUgalShipBuilding/2023.46.11>
<http://www.gup.ugal.ro/ugaljournals/index.php/fanship> <https://doaj.org/toc/2668-3156>
7. 2023 Jarcă, O.M., **Perijoc, D.S.**, *Comparative static FEA of equipment foundations on marine vessels: standard, stiffened, and structural integrated*, Galati Naval Architecture GNA'23, 16th National Conference on Naval Architecture, The Annals of “Dunarea de Jos” University of Galati, Fascicle XI-Shipbuilding, Issue 46(41), ISSN 1221-4620 (Print); ISSN 2668-3156 (Online), pp.125-132, Galati University Press, 2023 (CNCSIS B+, cod 222, Journal indexed EBSCO, DOAJ Directory Open Access Journal, CSA, CrossRef, Genamics JournalSeek / WorldCat Knowledge Base, Sciencegate, Scientometrics, SCIOPI, Google Scholar) DOI: <https://doi.org/10.35219/AnnUgalShipBuilding/2023.46.15>,
8. Ungureanu, C., Presura, A., Bosoanca, R., Mandru, A., **Perijoc, D.-S.**, Mihai, V., & Cotoc, G. (2023). Modular aquaculture platform for a sustainable development of the blue economy in the Lower Danube region. În G. U. Press (Ed.), Galati Naval Architecture Conference.
9. 2022. **Perijoc, DS**, Domnisoru, L, Angheluță, CM, *Grounding crashworthiness of an inland floating structure*, The 8th International Scientific Conference SEA-CONF 2022, May 19-20, 2022 Constantza, Romania, Scientific Bulletin of Naval Academy, Vol. XXV 2022, Issue 1, pg. 50-57, ISSN: 2392-8956; ISSN-L: 1454-864X, doi: 10.21279/1454-864X-22-I1-006, CNCSIS Code: 884, „Micea cel Batran” Naval Academy Publishing House Constanta 2022, www.anmb.ro, <https://www.anmb.ro/ro/conferinte/sea-conf/>,
<https://www.anmb.ro/buletinstiintific/eng/index.php?mod=online>
http://www.anmb.ro/buletinstiintific/buletine/2022_Issue1/01_MES/50-57.pdf
(Journal indexed ProQuest, EbscoHost, DOAJ, ROAD, OAJI, JIFactor)
10. 2022. **Perijoc, DS**, Domnisoru, L, *On the river barge of 3000 T preliminary seakeeping approach*, Galati Naval Architecture GNA'22, 15th National Conference on Naval Architecture 16 December 2022, The Annals of “Dunarea de Jos” University of Galati, Fascicle XI-Shipbuilding, Issue 45(40), ISSN 1221-4620 (Print); ISSN 2668-3156 (Online), pp.63-72, Galati University Press, 2022 (CNCSIS B+, cod 222, Journal indexed EBSCO, DOAJ Directory Open Access Journal, CSA, CrossRef, Genamics JournalSeek / WorldCat Knowledge Base, Sciencegate, Scientometrics, SCIOPI, Google Scholar)

11. 2021. **Perijoc, D.S.**, Domnişoru, L., Angheluta, C.M., *Structural strength evaluation of a 3000 dwt riverbarge, 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, Vol. 1182, Issue 1, Online ISSN: 1757-899X Print ISSN: 1757-8981, Paper ID: G-17, (Indexed DOAJ, Google Scholar), doi:10.1088/1757-899X/1182/1/012059, <https://iopscience.iop.org/article/10.1088/1757-899X/1182/1/012059> - Premiul 2

12. 2021. **Perijoc, D.S.**, Domnisoru, L., *Evaluation of the vertical strenght of a 3000 tdw barge using the equivalent beam approach*, Galati Naval Architecture GNA'21, 14th National Conference on Naval Architecture 19 Noiembrie 2021 (online), The Annals of "Dunarea de Jos" University of Galati, Fascicle XI-Shipbuilding, Issue 44(39), ISSN 1221-4620 (Print); ISSN 2668-3156 (Online), pp.101-104, Galati University Press, 2021 (CNCSIS B+, cod 222, DOAJ Directory Open Access Journal, CSA, Genamics JournalSeek / WorldCat Knowledge Base, SCIOPI, Google Scholar)

DOI: <https://doi.org/10.35219/AnnUgalShipBuilding/2021.44.15>

<http://www.gup.ugal.ro/ugaljournals/index.php/fanship> <https://doaj.org/toc/2668-3156>

13. 2020. **Perijoc, D.S.**, Domnisoru, L., Angheluta, C.M., *Impact analysis tests using Femap Advanced Explicit Dynamic solver*, Galati Naval Architecture GNA'20, 13th National Conference on Naval Architecture 11 December 2020 (online), The Annals of "Dunarea de Jos" University of Galati, Fascicle XI-Shipbuilding, Issue 43(38), ISSN 1221-4620 (Print); ISSN 2668-3156 (Online), pp.117-121, Galati University Press, 2020 (CNCSIS B+, cod 222, Journal indexed DOAJ Directory Open Access Journal, CSA, Genamics JournalSeek / WorldCat Knowledge Base, SCIOPI, Google Scholar)

DOI: <https://doi.org/10.35219/AnnUgalShipBuilding.2020.43.15>

<http://www.gup.ugal.ro/ugaljournals/index.php/fanship> <https://doaj.org/toc/2668-3156>

14. 2019. **Perijoc, D.S.**, Domnisoru, L., *On 3D-FEM Analysis of a 9000 tdw Tanker Global Eigen Vibration Modes*, Galati Naval Architecture GNA'19, 12th National Conference on Naval Architecture 21-23 November 2019, The Annals of "Dunarea de Jos" University of Galati, Fascicle XI-Shipbuilding, Issue 42(37), ISSN 1221-4620 (Print); ISSN 2668-3156 (Online), pp.41-46, Galati University Press, 2019 (CNCSIS B+, cod 222, Journal indexed DOAJ Directory Open Access Journal, CSA, Genamics JournalSeek / WorldCat Knowledge Base, SCIOPI, Google Scholar)

DOI: <https://doi.org/10.35219/AnnUgalShipBuilding.2019.42.06>

<http://www.gup.ugal.ro/ugaljournals/index.php/fanship> <https://doaj.org/toc/2668-3156>

15. 2019. Angheluță, C.M., **Perijoc, D.S.**, Presură, A., *Retrofitting of Danube vessels for a green and efficient fleet*, Galati Naval Architecture GNA'19, 12th National Conference on Naval Architecture 21-23 November 2019, The Annals of "Dunarea de Jos" University of Galati, Fascicle XI-Shipbuilding, Issue 42(37), ISSN 1221-4620 (Print); ISSN 2668-3156 (Online), pp.175-182, Galati University Press, 2019 (CNCSIS B+, cod 222, Journal indexed DOAJ Directory Open Access Journal, CSA, Genamics JournalSeek / WorldCat Knowledge Base, SCIOPI, Google Scholar)

16. 2015. Păcuraru, S., **Perijoc, D.S.**, *Seakeeping assessment for a 12000tdw oil tanker*, Galati Naval Architecture GNA'15, 8th National Conference on Naval Architecture 11 December 2015, The Annals of "Dunarea de Jos" University of Galati, Fascicle XI-Shipbuilding, Issue 42(37), ISSN 1221-4620 (Print); ISSN 2668-3156 (Online), pp.163-166, Galati University Press, 2015

d) Comunicări științifice la Conferința Școlii Doctorale UDJG - 7

1. 2024. **Perijoc, D.S.**, & Domnișoru, L. *Global structural response of inland vessels under grounding loading scenarios*. Conferința Școlii Doctorale UDJ CSUD, Galați, 6-7 Iunie 2024, Section 1 Advanced Research in Mechanical and Industrial Engineering (<http://www.cssd-udjg.ugal.ro/prezentare/orala/OP.1.2>)
2. 2023. **Perijoc, D.S.**, Domnișoru L., *Multibody interaction effects on the structural model of inland vessel*, Conferința Școlii Doctorale UDJ CSUD, Galați, 8-9 Iunie 2023, Section 1 Advanced Research in Mechanical and Industrial Engineering (<http://www.cssd-udjg.ugal.ro/prezentare/orala/OP.1.4>)
3. 2022. **Perijoc, D.S.**, Domnișoru L., Cristi-Marian Angheluță, *Oblique structural impact evaluation of an inland floating structure*, Conferința Școlii Doctorale UDJ CSUD, Galați, 9-10 Iunie 2022, Section 1 Advanced Research in Mechanical and Industrial Engineering (<http://www.cssd-udjg.ugal.ro/prezentare/orala/OP.1.6>) - Premiul 2
4. 2021. **Perijoc D.S.**, Domnisoru L., Angheluta C.M., *On the 1D beam method for the evaluation of sectional efforts of a 3000 tdw river barge under oblique design waves*, Conferința Școlii Doctorale UDJ CSUD, Galați, 10-11 Iunie 2021 (online), Section 1 Advanced Research in Mechanical and Industrial Engineering (<http://www.cssd-udjg.ugal.ro/prezentare/orala/OP.1.9>) - Premiul 1
5. 2021. Angheluță C.M., Chirică, I., **Perijoc D.S.**, *Inertial data gathering system for a thermoplastic 3D printed model of a damaged vessel*, Conferința Școlii Doctorale UDJ CSUD, Galați, 10-11 Iunie 2021 (online), Section 1 Advanced Research in Mechanical and Industrial Engineering (<http://www.cssd-udjg.ugal.ro/prezentare/orala/OP.1.14>)
6. 2020. **Perijoc D.S.**, Domnisoru L., Angheluta C.M., *On the methods for 3D-CAD-FEM modelling of a pusher structure*, Conferința Școlii Doctorale UDJ CSUD, Galați, 18-19 Iunie 2020 (online) (<http://www.cssd-udjg.ugal.ro/Poster/PP.1.12>) - Premiul 2
7. 2020. Angheluță C.M., Chirică, I., **Perijoc D.S.**, *Benchmark comparison of experimental data versus CFD code with respect to the forward drag and wave profile of the DTMB*, Conferința Școlii Doctorale UDJ CSUD, Galați, 18-19 Iunie 2020 (online) (<http://www.cssd-udjg.ugal.ro/Poster/PP.1.14>) – mențiune

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