

Universitatea Maritimă din Constanța
 Facultatea Electromecanică Navală
 Departament Științe Inginerești în domeniul electric
 Asist. drd. ing. Minodora Badea

LISTA 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

1. **Badea, M.**, Bucovetchi, O., Gheorghe, A. V., & Raicu, G. (2026). *Optimizing port logistics through generative AI: Revolutionizing efficiency and resilience in the maritime industry*. *International Conference of Management and Industrial Engineering*, 12, 646–658. <https://doi.org/10.56177/12icmie2025.156>

2. **Badea, M.**, Bucovetchi, O., Gheorghe, A. V., Hnatiuc, M., & Raicu, G. (2025). *Maritime Industry Cybersecurity Threats in 2025: Advanced Persistent Threats (APTs), Hacktivism and Vulnerabilities*. *Logistics*, 9(4), 178. <https://doi.org/10.3390/logistics9040178>, WOS:001647499800001

3. **Badea, M.**, Bucovetchi, O., Gheorghe, A.V. & Raicu, G. (2025). *Cyberattacks on Port Infrastructures: A Decade of Trends, Incidents, and Mitigation Strategies (2011-2024)*. *Land Forces Academy Review*, 30(2), 175-189. <https://doi.org/10.2478/raft-2025-0017>

Lucrări publicate în ultimii 10 ani în reviste și volume de conferințe cu referenți (neindexate)

- Reviste

1.- Selecție cu maximum 20 lucrări în volume de conferințe

1. **Minodora Badea**, Adrian V. Gheorghe, Gabriel Raicu, Radu D. Stanciu, *Geopolitical dynamics and hybrid-cyber threats in the Black Sea Region: Safeguarding Romania's critical maritime infrastructures*, the 5th Edition of International Scientific Conference "Emerging and Disruptive Technologies' Impact on Global Security" organized by "Nicolae Bălcescu" Land Forces Academy of Sibiu, (EDT 2026) March 26 – 27 2026, Sibiu. https://www.armyacademy.ro/engleza/cercetare/EDT/2026/Programme_EDT.pdf

2. **Minodora Badea**, Olga Bucovetchi, Adrian V. Gheorghe, Gabriel Raicu, *Generative AI for Enhancing Port Operations: A Comprehensive Literature Review*, 1st World Maritime Education and Training Multidisciplinary Congress (WMETMC2025), October 28-30, 2025, Constanta. (Oral presentation) <https://cmu-edu.eu/wmetmc/wp-content/uploads/sites/31/2025/10/Scientific-Programme.pdf>

3. **Minodora Badea**, Vlad-Augustin Vulcu, *Fuzzy TOPSIS Approach Method for Investment and Development of Ports in the Black Sea Basin*, 1st World Maritime Education and Training Multidisciplinary Congress (WMETMC2025), October 28-30, 2025, Constanta. (Oral presentation) <https://cmu-edu.eu/wmetmc/wp-content/uploads/sites/31/2025/10/Scientific-Programme.pdf>

4. **Minodora Badea**, Olga Bucovetchi, Adrian V. Gheorghe, Gabriel Raicu, *Digital transformation in maritime logistics: a SWOT analysis of Constanta port's ICT innovations toward 2025*, International Conference on Maritime Transport and Logistics Trends (MARILOG 2025) 29/05/2025 - 30/05/2025 Constanta, Romania; (Online Presentation) <https://cmu-edu.eu/marilog2025/wp-content/uploads/sites/32/2025/05/MariLog-Trends-2025-Conference-program.pdf>

5. **Minodora Badea**, Olga Bucovetchi, Adrian V. Gheorghe, Gabriel Raicu, *Digital transformation and automation in Constanta port: status and prospects*, International Conference on Maritime Transport and Logistics Trends (MARILOG 2025) 29/05/2025 - 30/05/2025 Constanta, Romania, (Poster Presentation) <https://cmu-edu.eu/marilog2025/wp-content/uploads/sites/32/2025/05/MariLog-Trends-2025-Conference-program.pdf>

6. **Minodora Badea**, Elena Nedelcu, *Energy Efficiency in Container Terminals: A Detailed Analysis*, International Conference on Maritime Transport and Logistics Trends (MARILOG 2025) 29/05/2025 - 30/05/2025 Constanta, Romania, (Poster Presentation) <https://cmu-edu.eu/marilog2025/wp-content/uploads/sites/32/2025/05/MariLog-Trends-2025-Conference-program.pdf>

7. **Minodora Badea**, Vlad-Augustin Vulcu, *Fuzzy TOPSIS Analysis of European Container Terminals in the Black Sea Basin: A PRISMA Systematic Review*, International Conference on Maritime Transport and Logistics Trends (MARILOG 2025) 29/05/2025 - 30/05/2025 Constanta, Romania, (Poster Presentation) <https://cmu-edu.eu/marilog2025/wp-content/uploads/sites/32/2025/05/MariLog-Trends-2025-Conference-program.pdf>

D. Brevete obținute în întreaga activitate

1. Cerere brevet de invenții:

Identificarea timpurie a integrității frunzei viței de vie folosind senzori spectrali, Mihaela Hnatiuc, Mirel Păun, Sinte Sorin, Bogdan Hnatiuc, Simona Ghiță, Domnica Alpetri, **Minodora Badea**, cerere de brevet la OSIM, România; https://www.osim.ro/images/Publicatii/Inventii/2024/bopi_inv_07_2024.pdf

Data:

05.06.2026

Semnătura: