

**Publicații doctoranzi, în reviste WOS/ în reviste indexate în alte BDI, reprezentative pentru domeniul IT, 2021-2025**

| Nr. crt. | Titlul tezei  | Autor                    | Titlul articolului   | Conducător            |
|----------|---|--------------------------|--|-----------------------|
| 1        | Cercetări privind determinarea performanțelor dinamice și energetice ale autovehiculelor electrice          | ANCUȚA Alexandru Adrian  | Voloacă, Ș., Toma, M., Ancuța, A.A. – „The Optimization of a Cost-Effective Journey Data Recorder Used in te Automotive Industry” – Revista Ingineria Automobilului, Nr.66, martie 2023, ISSN 1842-4074  | Frățilă Gh.           |
| 2        |   |                          | Ancuța, A.A., Rențea, C.A. „The Influence of The Two-Speed Transmission on the Performances of an Commercial Electric Vehicle” – publicată în Revista Ingineria Automobilului Nr. 70, martie 2024, ISSN 1842-4074, WOS: 001186398200003.   |                       |
| 3        |   |                          | Ancuța, A.A., Rențea, C.A., Toma, M.F. „Determining the Dynamic and Energetic Performances of an Electric SUV through Modeling and Simulation on a Real Driving Cycle” – publicată în Revista Ingineria Automobilului Nr. 73, decembrie 2024, ISSN 1842-4074, WOS: 001379866400004.  |                       |
| 4        | Modernizarea sistemului de transport public urban de călători în mari aglomerări urbane                     | ANDREI Lucian-Valeriu    | ANDREI LUCIAN - VALERIU, Promote a just transport transition, LEADING THE WAY, July 2023, 47 -52, ISBN: 978-2-931233-16-0<br><a href="https://fabians.org.uk/wp-content/uploads/2023/07/FABJ10447-FEPS-book-WEB-230630-1.pdf">https://fabians.org.uk/wp-content/uploads/2023/07/FABJ10447-FEPS-book-WEB-230630-1.pdf</a>             | Popa Mihaela          |
| 5        | Logistic chains in liner maritime transport   | BĂCIOIU Alexandru-Ștefan | Alexandru-Stefan Bacioiu, Ionela Goia, "Stability of the Ship Using Intact Stability Criteria and Empirical Formulas," WSEAS Transactions on Engineering World, vol. 4, pp. 1-4, 2022  | Popa Mihaela          |
| 6        |   |                          | Ionela Goia, Alexandru-Stefan Bacioiu, "The Analysis of Freight Forwarding Services Using the Business Process Modelling Tools. Study Case in Constanta Port," WSEAS Transactions on Design, Construction, Maintenance, vol. 2, pp. 217-220, 2022  |                       |
| 7        | Optimizarea sistemelor logistice în transportul multimodal  | BURMAMBET Alev           | Burmambet, A. (2025). Romanian Maritime Ports in the Digital Transformation Era: The Shift from Fourth-Generation to Smart Ports and the Impact on the Global Logistics Ecosystem. TransNav: International Journal on Marine Navigation and Safety of Sea Transportation, 19. DOI 10.12716/1001.19.01.15                             | Carp Doina Eufrosina  |
| 8        | Cercetări privind funcționarea în regim adaptiv a sistemelor de monitorizare și control a traficului rutier | CODROIU Alexandru-Denis  | Roman, E.A.; Stere, A.S.; Roșca, E.; Radu, A.V.; Codroiu, D.; Anamaria, I. State of the Art of Digital Twins in Improving Supply Chain Resilience. Logistics 2025, Vol.9, Issue22., 2025, <a href="https://doi.org/10.3390/logistics9010022">https://doi.org/10.3390/logistics9010022</a> factor impact 3.6, WOS:001453065500001, Q2 | Ruscă Florin Valentin |
| 9        | Contribuții la creșterea siguranței circulației pe infrastructura rutieră                                   | DIMITRIU Corneliu-Ioan   | Dimitriu Corneliu Ioan, Frățilă Gheorghe, Optimizarea managementului siguranței infrastructurii rutiere prin analiza datelor statistice ale accidentelor rutiere grave din zonele urbane. Studiu de caz: străzile din București, Transilvania University of Brasov,  | Frățilă Gh.           |



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| 11       |   |                                  | Dimitriu Corneliu Ioan, Frățilă Gheorghe și alții, EVALUAREA SIGURANȚEI INFRASTRUCTURII RUTIERE JUDEȚENE DIN ROMÂNIA - STUDIU DE CAZ: DJ 608, 2024, 6, ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING , WOS:001398967500021  | Frățilă Gh.          |
| 12       | Designing a multi-modal urban public transportation for increasing the services' resiliency                     | EBRAHIMI GOLSHANABADI<br>Roozbeh | Roozbeh Ebrahimi Golshanabadi, Mihaela Popa; "Robustness Assessment of the Metro System: A Case Study of Bucharest, Romania"; MDPI (Systems Journal); 14 pages; 2024; Indexed in WOS (Q2); Impact Factor (2023): 2.3;   | Popa Mihaela         |
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| 14       | Sustainable maritime transport through the optimization of consumption  | FILIMON Dragoș                   | Filimon D. Status of the Marinas' Development in the Southern Region of the Romanian Sea Coast: Implications for Sustainable Recreational Transport in the Black Sea. Sustainability. 2023; 15(10):7979. <a href="https://doi.org/10.3390/su15107979">https://doi.org/10.3390/su15107979</a> FI:3.9   | Carp Doina Eufrosina |
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| 18       | Soluții pentru reducerea efectelor asupra mediului generate de nave în transportul pe căi navigabile interioare | GĂUREANU Adrian                  | Adrian GAUREANU, Mihail-Vlad VASILESCU, A.I. Epikhin. The impact of the introduction of hydrogen propulsion on the specific technical characteristics of ships, 10 pag, Federal State Budgetary Educational Institution of Higher Education "Admiral F.F. Ushakov State Maritime University (656) 2025 ISSN 1992-8181   | Carp Doina Eufrosina |
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| 20       | Cercetări privind reducerea congestiei traficului în marile aglomerări urbane  | GRIGORE Mihai Flavius                           | Zanfir C., Grigore M.F., FIABILITATEA - COMPONENTĂ A REZILIENȚEI REȚELOR DE TRAFIC, Buletinul AGIR , 1 , 2024, 10 pagini, <a href="https://www.buletinulagir.agir.ro/articol.php?id=3323">https://www.buletinulagir.agir.ro/articol.php?id=3323</a>  | Dragu Vasile |
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| 22       | Contribuții asupra performanței navelor comerciale și impactul asupra mediului în porturi/Contributions to the merchant vessels' performance to reduce the environmental impact in ports | IONICHI (Rauca) Livia                           | Rauca, L., & Batrinca, G. (2023). Impact of Carbon Intensity Indicator on the Vessels' Operation and Analysis of Onboard Operational Measures. Sustainability, 15(14), 11387, WOS:001189243700001  | Carp Doina   |
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| 26       | Studiul adoptării vehiculelor feroviare pe baza performanțelor tehnice și economice  | MĂNTESCU (AMROLLAHI KOOCHHEBUKY) Mirela Mihaela | Mirela Mihaela I. MĂNTESCU AMROLLAHI (KOOCHHEBUKY), et. al. PARAMETRII ELECTRODINAMICI ȘI CONSIDERAȚII PRIVIND RANDAMENTUL MECANIC AL LOCOMOTIVELOR DIESEL ELECTRICE PE ȘASE OSII, Revista Sinteze de Mecanică Teoretică și Aplicată, Vol. 16, nr. 1/2025, <u>Numar curent - Sinteze de mecanica teoretica si aplicata</u>   | Sebeșan Ioan |
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| 28       | Cercetări privind utilizarea vehiculelor autonome pe infrastructurile de trafic rutier din România   | MIRCEA Iulia Ioana                              | Vlad, C., Mircea. I, et. Al. The role of accident analysis in road safety management: Case study Neamt County, Special Issue of ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS, MECHANICS AND ENGINEERING journal (ISSN 1221-5872, Volume 67, Issue 2, Page 369-376; WOS:001398967500028  | Roșca Eugen  |
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| 35       | Contribuții la studiul caracteristicilor tehnice necesare vehiculelor feroviare pentru a fi apte transportului naval         | MOCANU Daniel           | Mocanu Daniel, „Logistics distribution centers in multimodal transport operations”, Ovidius University Anals Economic Sciences Series, ISSN 2393-3127, Volume XXII, issue 2/2022, pag. 381, <a href="https://stec.unividius.ro/html/anale/ro/2022issue2/section%203/23.pdf">https://stec.unividius.ro/html/anale/ro/2022issue2/section%203/23.pdf</a> | Sebeșan Ioan |
| 36       | Integrarea transportului naval într-un lanț logistic sustenabil  | OLEI Bebe-Adrian        | Andrej David, Stanislav Blasko, Adrian Olei, Andrei Midan, The Port of Constanta: A Logistics Hub for the Black Sea and Danube Regions, Transportation Research Procedia, 2352-1465, 2025, 6, Elsevier  | Raicu Șerban |
| 37       | Resilience of logisticssystems/ Reziliența sistemelor logistice  | RADU Adriana-Valentina  | Roman, E.A.; Stere, A.S.; Roșca, E.; Radu, A.V.; Codroiu, D.; Anamaria, I. State of the Art of Digital Twins in Improving Supply Chain Resilience. Logistics 2025, Vol.9, Issue22., 2025, <a href="https://doi.org/10.3390/logistics9010022">https://doi.org/10.3390/logistics9010022</a> factor impact 3.6, WOS:001453065500001, Q2                  | Roșca Eugen  |
| 38       | Cercetări privind diminuarea riscurilor și îmbunătățirea siguranței traficului în sisteme de transport multimodal de mărfuri | ȘTEFANOV Nicolae Ovidiu | O. Ștefanov, AG. Agape, C. M. Nita, P. Bocanete, Environmental Risk Assessment in the Background of Armed Conflict in the Black Sea Area. A Case Study for a Container Terminal in the Port of Constanța, Multimodal transport - risk and environment, 6 pg, 2022, Technium Vol. 3, Issue 11. ISSN: 2668-778X, FI= 0,5                                | Carp Doina   |
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| 46       | Cercetări privind fiabilitatea și vulnerabilitatea rețelelor de trafic | ZANFIR Cristian | Zanfir C.,Grigore M.F., FIABILITATEA - COMPONENTĂ A REZILIENȚEI REȚELELOR DE TRAFIC, Buletinul AGIR, 1, 2024, 10 pagini, <a href="https://www.buletinulagir.agir.ro/articol.php?id=3323">https://www.buletinulagir.agir.ro/articol.php?id=3323</a>   | Dragu Vasile |
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