



# Facultatea de Științe Economice

## Raport centralizat al rezultatelor activității de cercetare – 2024

### 1. ARTICOLE INDEXATE ISI

1. Gheorghe H. Popescu, Andrei Jean Vasile, Sima Violeta, Elvira Nica, Luminita Chivu, Gheorghe Ileana Georgiana. "A cross-sectional study of factors influencing purchasing cars in European Union – does the electric and hybrid cars change the contemporary business approach?". Journal of Business Economics and Management, vol. 25(6), 1260-1282 pag., ISSN 1611-1699, eISSN 2029-4433, clasificare BUSINESS - SSCI, DOI <https://doi.org/10.3846/jbem.2024.22721>, WOS 001380968700002, tip cercetare ISI Galben, link: <https://journals.vilniustech.lt/index.php/JBEM/article/view/22721>
2. Rosca Cosmina - Mihaela, Stancu Adrian, Ariciu Andy - Valentin. "Algorithm for child adoption process using artificial intelligence and monitoring system for children". Internet of Things, vol. 26, 18 pag., ISSN 2543-1536, eISSN 2542-6605, clasificare COMPUTER SCIENCE, INFORMATION SYSTEMS - SCIE, DOI 10.1016/j.iot.2024.101170, WOS 001222347600001, tip cercetare ISI Rosu, link: <https://www.sciencedirect.com/science/article/pii/S2542660524001112?via%3Dihub>
3. Patrascu Aurelia, Toader Florentina, Balacescu Aniela. "An Improved Multi-Objective Hybrid Algorithm for Solving Job Shop Scheduling Problem". Economic Computation and Economic Cybernetics Studies and Research, vol. 58(3), 16 pag., ISSN 0424-267X, eISSN 1842-3264, clasificare ECONOMICS - SSCI, DOI 10.24818/18423264/58.3.24.11, WOS 001317110900011, tip cercetare ISI Alb, link: [https://ecocyb.ase.ro/nr2024\\_3/11\\_AureliaPatrascu\\_FlorentinaAlinaToader.pdf](https://ecocyb.ase.ro/nr2024_3/11_AureliaPatrascu_FlorentinaAlinaToader.pdf)
4. Patirnac Iulian, Ripeanu Razvan George, Popescu Catalin, Tanase Maria. "Analysis of Water Flow through the Active Parts of an Abrasive Water Jet Machine: A Combined Analytical and CFD Approach". Processes, vol. 12(8):1551, 23 pag., eISSN 2227-9717, clasificare ENGINEERING, CHEMICAL - SCIE, DOI 10.3390/pr12081551, WOS WOS:001322858500001, tip cercetare ISI Galben, link: <https://www.mdpi.com/2227-9717/12/8/1551>
5. Mirela Clementina Panait, Simona Andreea Apostu, Iza Gigauri, Maria Giovanna Confetto, Maria Palazzo. "Defeating the Dark Sides of FinTech: A Regression-Based Analysis of Digitalization's Role in Fostering Consumers' Financial Inclusion in Central and Eastern Europe". Risks, eISSN 2227-9091, clasificare BUSINESS, FINANCE - ESCI, DOI <https://doi.org/10.3390/risks12110178>, tip cercetare ISI Alb,
6. Rosca Cosmina - Mihaela, Stancu Adrian, Neculaiu Cosmin-Florinel, Gortoescu Ionuț-Adrian. "Designing and Implementing a Public Urban Transport Scheduling System Based on Artificial Intelligence for Smart Cities". Applied Sciences-Basel, vol. 14(19), 20 pag.,



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7. Lulaj, Enkeleda, Eglantina Hysa, Mirela Panait. *"Does digitalization drive sustainable transformation in finance and accounting?"*. KYBERNETES, ISSN 0368-492X, eISSN 1758-7883, clasificare COMPUTER SCIENCE, CYBERNETICS - SCIE, DOI <https://doi.org/10.1108/K-04-2024-1006>, WOS 001343695100001, tip cercetare ISI Galben,
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  9. Popescu Catalin, Dissanayake Hiranya, Mansi Eglă, Stancu Adrian. *"Eco Breakthroughs: Sustainable Materials Transforming the Future of Our Planet"*. Sustainability, vol. 16(23), 38 pag., eISSN 2071-1050, clasificare ENVIRONMENTAL SCIENCES - SCIE, DOI 10.3390/su162310790, WOS 001377779300001, tip cercetare ISI Galben, link: <https://doi.org/10.3390/su162310790>
  10. Tudorica Bogdan, Bucur Cristian, Panait Mirela, Oprea Simona-Vasilica, Bara Adela. *"Energetic Equilibrium: Optimizing renewable and non-renewable energy sources via particle swarm optimization"*. Utilities Policy, vol. 87, ISSN 0957-1787, eISSN 1878-4356, clasificare ENVIRONMENTAL STUDIES - SSCI, DOI 10.1016/j.jup.2024.101722, WOS 001175993200001, tip cercetare ISI Galben, link: <https://www.sciencedirect.com/science/article/pii/S0957178724000158>
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  14. Andrei Jean Vasile, Dragoș Sebastian Cristea, Florian Marcel Nuță, Ștefan-Mihai Petrea, Adriana Tiron Tudor, Luminita Chivu. *"Exploring the causal relationship between PM 2.5 air pollution and urban areas economic welfare and social-wellbeing: Evidence form 15 European capitals"*. SUSTAINABLE DEVELOPMENT, vol. 32, 25 pag., ISSN 0968-



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16. López-Malest, Argeime, Gabor Rozalia, Mirela Panait, Brezoi Alina, Cristina Veres. *"Green Innovation for Carbon Footprint Reduction in Construction Industry"*. Buildings, eISSN 2075-5309, clasificare CONSTRUCTION & BUILDING TECHNOLOGY - SCIE, DOI <https://doi.org/10.3390/buildings14020374>, WOS 001172058700001, tip cercetare ISI Galben, link: Buildings | Free Full-Text | Green Innovation for Carbon Footprint Reduction in Construction Industry (mdpi.com),
17. Akkaya Bulent, Popescu Catalin, Üstgörlül Sema. *"How Can We Remove Psychological Entrepreneurship Barriers on Entrepreneurship Intention for Health Organizations in the Future?"*. Sustainability, vol. 16, eISSN 2071-1050, clasificare ENVIRONMENTAL SCIENCES - SCIE, DOI 10.3390/su16083503, WOS 001210756500001, tip cercetare ISI Galben, link: <https://doi.org/10.3390/su16083503>
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20. Petrescu Gabriel Marius, Popovici A.I., Nita A., Dumitru Teodor, Tanase Maria. *"Modelling Wear Phenomena Specific to Mixer Blades in Concrete Production Plants"*. Applied Sciences-Basel, eISSN 2076-3417, clasificare ENGINEERING, MULTIDISCIPLINARY - SCIE, DOI <https://doi.org/10.3390/app14103988>, WOS <https://www.webofscience.com/wos/author/record/U-6992-2017>, tip cercetare ISI Rosu, link: <https://www.mdpi.com/2076-3417/14/10/3988>
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27. Bucur Cristian, Tudorica Bogdan, Andrei Jean Vasile, Dusmanescu Dorel, Paraschiv Dorel, Teodor Cristian. *"Sentiment analysis of global news on environmental issues: insights into public perception and its impact on low-carbon economy transition"*. Frontiers in Environmental Science, vol. 12, 27 pag., eISSN 2296-665X, clasificare ENVIRONMENTAL SCIENCES - SCIE, DOI 10.3389/fenvs.2024.1360304, WOS 001250813000001, tip cercetare ISI Galben, link: <https://www.webofscience.com/wos/woscc/full-record/WOS:001250813000001>
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4. Tegledi Monica. *"Agricultural land and agriculture in the sustainable development of the European Union"*. Competitiveness and sustainable development Ediția 6, 2024 Conferința "Competitiveness and sustainable development " 6, Chișinău, Moldova, 7-8 noiembrie 2024, vol. 6, 6 pag., ISSN ISBN (pdf) 978-9975-64-483-9., DOI DOI:<https://doi.org/10.52326/csd2024.08>, tip cercetare BDI, link: [https://ibn.idsi.md/vizualizare\\_articol/218416](https://ibn.idsi.md/vizualizare_articol/218416)
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29. Liviu Drăghici, Mirela Panait, Carmen Mincă, Eugenia Bușmachi. *"Effective financial education - challenges for stakeholders,"*. Conferința Europeană a Serviciilor Financiare ECFS2024 REGLEMENTĂRI ȘI PRACTICI RECOMANDATE Ediția a VIII-a, 28 - 29 martie



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2. Contract nr. 10716/2023. Tema: Studiu de cercetare și raportare in ceea ce priveste consumurile tehnologice ale Dacian Petroleum.. Beneficiar: DACIAN PETROLEUM SA. Director: Eparu Cristian. Perioada: 31.05.2023- 2.02.2024.
3. Contract nr. 24050/2023. Tema: Studiu privind analiza factorilor de mediu care favorizează pierderile de produse petroliere în activitatea societății OIL TERMINAL S.A. Beneficiar: OIL TERMINAL SA CONSTANTA. Director: Suditu Silvian. Perioada: 02.11.2023- 02.03.2024.
4. Contract nr. 27496/2023. Tema: Studiu privind evaluarea riscului și stabilirea distanțelor de siguranță, urmare proximității conductei de gaz, cu construcțiile de locuințe, prevăzute în COMPLEX REZIDENȚIAL BUFTEA-EST. Beneficiar: SC AVICOLA BUFTEA SA. Director: Stoianovici. Perioada: 13.12.2023- 30.01.2024.