

**UNIVERSITY OF CRAIOVA**

**“EUGENIU CARADA” DOCTORAL SCHOOL OF ECONOMIC SCIENCES**

**Field: Economic Informatics**

**SCIENTIFIC ACHIEVEMENTS AND INTERNATIONAL VISIBILITY**

**Professor Anca Mehedințu PhD**

1. ORCID: <https://orcid.org/0000-0003-2295-0958>
2. Google Scholar profile link:  
<https://scholar.google.com/citations?hl=en&authuser=1&user=pqGN9jsAAAAJ>
3. Year of affiliation with SDSE “Eugeniu Carada”: 2021
4. Number of doctoral students under supervision, by academic year:

2020/2021	2021/2022	2022/2023	2023/2024	2024/2025	2025/2026
				2	1

5. CITATIONS:

Database	Number of citations	HIRCH Index
Web of Science	389	12
Google Scholar	926	13

6. List of the 10 most relevant scientific papers (emphasis will be placed on papers indexed in Web of Science or ERIH+, published in the last 5 years):

No.	Authors, paper title, journal name, volume, year of publication, database
1	Soava, G., Sterpu, M., Mehedințu, A., Roșoreanu, C. Integrating Multifactorial Regression Models, Artificial Neural Networks, and Eco-Dynamic Simulations for Assessing Energy Sustainability in the European Union and Emerging Member States, Applied Sciences-Basel, 16(4), 2026, Article number 2011, eISSN: 2076-3417, WOS: 001699864300001, <a href="https://doi.org/10.3390/app16042011">https://doi.org/10.3390/app16042011</a>
2	Mehedințu, A., Soava, G. A New Hybrid Approach to The Impact of Renewable Energy Consumption on Economic Growth: Sectoral Differences in European Union Countries, Journal of Business Economics & Management, 25(5), 2024, pp. 849–871, ISSN: 1611-1699 / eISSN: 2029-4433, WOS: 001325526300001, <a href="https://doi.org/10.3846/jbem.2024.22000">https://doi.org/10.3846/jbem.2024.22000</a>
3	Mehedințu, A., Soava, G. Approach to the Impact of Digital Technologies on Sustainability Reporting through Structural Equation Modeling and Artificial Neural Networks. Electronics, 2023, 12(9), Article number 2048, eISSN: 2079-9292. WOS: 000987240900001, <a href="https://doi.org/10.3390/electronics12092048">https://doi.org/10.3390/electronics12092048</a>
4	Soava, G., Mehedințu, A. Final Energy Consumption-Growth Nexus in Romania Versus the European Union: A Sectoral Approach Using Neural Network. Energies, 2023, 16(2), Article number 871, eISSN: 1996-1073. WOS: 000915143300001, <a href="https://doi.org/10.3390/en16020871">https://doi.org/10.3390/en16020871</a>
5	Mehedințu, A., Soava, G. A Hybrid SEM-Neural Network Modeling of Quality of M-Commerce Services under the Impact of the COVID-19 Pandemic. Electronics, 2022, 11(16), Article number 2499, eISSN: 2079-9292. WOS: 000846195500001, <a href="https://doi.org/10.3390/electronics11162499">https://doi.org/10.3390/electronics11162499</a>

6	Mehedintu, A., Soava, G. A Structural Framework for Assessing the Digital Resilience of Enterprises in the Context of the Technological Revolution 4.0. <i>Electronics</i> , 2022, 11(15), Article number 2439, eISSN: 2079-9292. WOS: 000840233500001, <a href="https://doi.org/10.3390/electronics11152439">https://doi.org/10.3390/electronics11152439</a>
7	Soava, G., Mehedintu, A., Sterpu, M. Analysis and Forecast of the Use of E-Commerce in Enterprises of the European Union States. <i>Sustainability</i> , 2022, 14(14), Article number 8943, eISSN: 2071-1050. WOS: 000833763000001, <a href="https://doi.org/10.3390/su14148943">https://doi.org/10.3390/su14148943</a>
8	Mehedintu, A., Soava, G., Sterpu, M., Grecu, E. Evolution and Forecasting of the Renewable Energy Consumption in the Frame of Sustainable Development: EU vs. Romania. <i>Sustainability</i> , 13(18), 2021, Article number 10327, eISSN: 2071-1050, WOS: 000702106200001, <a href="https://doi.org/10.3390/su131810327">https://doi.org/10.3390/su131810327</a>
9	Soava, G., Mehedintu, A., Sterpu, M., Grecu, E. The Impact of the COVID-19 Pandemic on Electricity Consumption and Economic Growth in Romania. <i>Energies</i> , 14(9), 2021, Article number: 2394, eISSN: 1996-1073, WOS: 000650159600001, <a href="https://doi.org/10.3390/en14092394">https://doi.org/10.3390/en14092394</a>

7. List of research grants (Principal Investigator or Co-Investigator):

	Project title, Contract No. Funder, Competition, Period, Amount, Role in the research team
1	Increasing Physical Activity levels through strengthening Innovation and Entrepreneurial Capacity, Horizon Europe Programme, Apel: "EIT HEI Initiative", Project code: 250074, No. funding contract: EIT Health PGA(BP) 250074/30.06.2025, University of Craiova - partner, June 2025 - April 2027, value 75360 euros, team member: Financial Manager
2	HEInnovaSport - Building innovation capacity and fostering entrepreneurship in sports science higher education institutions, Horizon Europe Programme, Contract No. 220822, University of Craiova - partner, June 2022 - June 2024, value 100108 euros, team member: Financial Manager
3	e-TRAWELSPA, Leonardo da Vinci Innovation Transfer - Lifelong Learning Programme, Ref. 2011-1-RO1-LEO05-15314, contract no.: LLP-LdV-ToI-2011-RO-02, University of Craiova - partner, 20.12.2011 - 20.12.2013, value 308834 euros, team member: IT Manager
4	E-Learning educational center in medicine, Leonardo da Vinci - Transfer of Innovation, Ref 2010-1/RO1-LEO05-07378, contract no.: LLP/LdV/TOI/2010/RO/006, University of Craiova, January 2011 - January 2013, value 204461 euros, team member: IT Manager
5	Dynamic models for implementing strategic cost management. Exploratory research on its impact on increasing sustainable competitiveness, project CNCSIS-PN-II-ID-PCE-2008-2, code 378, University of Craiova, 2009 - 2011, value 445774 lei, team member: researcher
6	ESPIEW - Entrepreneurial Spirit Improving European Welfare, LLP ERASMUS Multilateral Project, Ref. 141958-LLP-1-2008-1-BE-ERASMUS-ECDEM, University of Craiova, 01.10.2008 - 30.09.2010, value 299665 euros, team member: IT Manager
7	Study on the impact of taxation on the economic performance of S.C. Subansamble Auto S.A. Craiova, research contract no. 96 C/27.11.2007, value 3600 euros, team member: researcher
8	Prototype of an intelligent portal for knowledge management in digital business ecosystems based on inductive learning techniques - a collaborative approach in the perspective of FP7 (KM-DBE), National Authority for Scientific Research, Research Excellence Program - CEEX, module 3, contract no. 159/2006, University of Craiova, 01.08.2006 - 31.07.2008, value 185000 lei, team member: researcher
9	Intelligent software technologies and tools for the automatic construction of electronic product catalogs through knowledge acquisition from the web, CNCSIS project type A, project code 185, University of Craiova, 2006 - 2008, value 25515.50 lei, team member: researcher

10	Simulation model of income expected by insured persons through the implementation of the private pension system, CNCSIS project type AT, project code 32, University of Craiova, year 2006, value 15,000 lei, team member: researcher
11	Research on the development of strategic human resources management in Romanian enterprises, in the context of integration into the European Union, CNCSIS project type AT, University of Craiova, project code 64, year 2003, value 3900 lei, respectively, project code 489, year 2002, value 3450.80 lei, team member: researcher

8. Membership in scientific committees of international publications and conferences:

- Member of the organizing committee: 8th iConEc Conference Competitiveness and Stability in the Knowledge - Based Economy, Faculty of Economics and Business Administration, University of Craiova, October 28-29, 2016, Craiova, Romania
- Guest Editor: Special Issue of Mathematics (ISSN 2227-7390) entitled "Research and Application of Data Optimization Model in Finance", section "E5: Financial Mathematics

9. Reviewer for international journals/publishers:

- Energy Strategy Reviews
- Energy Policy
- Renewable Energy
- Mathematics
- Energies
- Electronics
- Journal of Risk and Financial Management
- Applied Sciences
- Systems
- International Journal of Environmental Research and Public Health
- Sustainability
- Technological and Economic Development of Economy

10. Other activities (membership on the boards of international professional associations; participation as a guest speaker at conferences or expert groups held abroad; membership on committees evaluating doctoral dissertations at universities abroad or in joint supervision with a foreign university):

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Date

06.04.2026

Signature