

**UNIVERSITY OF CRAIOVA**

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

**Field: FINANCE**

**SCIENTIFIC ACHIEVEMENTS AND INTERNATIONAL VISIBILITY**

**Professor Bădîrcea Roxana Maria PhD**

1. ORCID: : <https://orcid.org/0000-0001-5076-8251>
2. Google Scholar profile link: <https://scholar.google.com/citations?user=ZzcYrYcAAAAJ&hl=ro>
3. Year of affiliation with SDSE “Eugeniu Carada”: 2020
4. Number of doctoral students under supervision, by academic year:

2020/2021	2021/2022	2022/2023	2023/2024	2024/2025	2025/2026
1	4	5	5	6	1

5. CITATIONS:

Database	Number of citations	HIRCH Index
Web of Science	495	141232
Google Scholar	1232	20

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	Gherțescu, C.; Manta, A.G.; Bădîrcea, R.M. Smart Agriculture and Technological Innovation: A Bibliometric Perspective on Digital Transformation and Sustainability. <i>Agriculture</i> <b>2025</b> , <i>15</i> , 1388. <a href="https://doi.org/10.3390/agriculture15131388">https://doi.org/10.3390/agriculture15131388</a> Web of Science
2	Doran, N. M., Manta, A. G., Bădîrcea, R. M., Berceanu, D., Băndoi, A., & Badareu, G. (2025). Electricity price bubbles and global crisis: Does financial development make a difference?. <i>The Energy Journal</i> , <i>46</i> (1), 179-202.
3	Manta, A.G.; Doran, N.M.; Bădîrcea, R.M.; Badareu, G.; Gherțescu, C.; Lăpădat, C.V.M. Does Common Agricultural Policy Influence Regional Disparities and Environmental Sustainability in European Union Countries? <i>Agriculture</i> <b>2024</b> , <i>14</i> , 2242. <a href="https://doi.org/10.3390/agriculture14122242">https://doi.org/10.3390/agriculture14122242</a> Web of Sciencw
4	Gherțescu, C.; Manta, A.G.; Bădîrcea, R.M.; Manta, L.F. How Does the Digitalization Strategy Affect Bank Efficiency in Industry 4.0? A Bibliometric Analysis. <i>Systems</i> <b>2024</b> , <i>12</i> , 492. <a href="https://doi.org/10.3390/systems12110492">https://doi.org/10.3390/systems12110492</a> , Web of Science
5	Manta, A. G., Doran, N. M., Hurduzeu, G., Bădîrcea, R. M., Doran, M. D., & Manta, F. L. (2024). Is there a direct benefit of using electronic commerce and electronic banking in mitigating climate change?. <i>Climatic Change</i> , <i>177</i> (10), 152., Web of Science
6	Manta, A. G., Bădîrcea, R. M., Doran, N. M., Badareu, G., Gherțescu, C., & Popescu, J. (2024). Industry 4.0 transformation: Analysing the impact of artificial intelligence on the banking sector through bibliometric trends. <i>Electronics</i> , <i>13</i> (9), 1693.
7	Manta, A. G., Doran, N. M., Bădîrcea, R. M., Badareu, G., & Țăran, A. M. (2023). Does the implementation of a Pigouvian tax be considered an effective approach to address climate change mitigation?. <i>Economic Analysis and Policy</i> , <i>80</i> , 1719-1731., Web of Science

8	Qin, M., Zhang, X., Li, Y., & Badircea, R. M. (2023). Blockchain market and green finance: the enablers of carbon neutrality in China. <i>Energy Economics</i> , 118, 106501., Web of Science
9	Firoiu, D., Ionescu, G. H., Pirvu, R., Bădîrcea, R., & Patrichi, I. C. (2022). Achievement of the sustainable development goals (SDG) in Portugal and forecast of key indicators until 2030. <i>Technological and Economic Development of Economy</i> , 28(6), 1649-1683., Web of Science
10	Bădîrcea, R. M., Manta, A. G., Doran, N. M. F., & Manta, F. L. (2022). Linking the government expenditures to the achievement of the Europe 2020 strategy indicators. Evidence from Central and Eastern European Countries. <i>Technological and Economic Development of Economy</i> , 28(3), 694-715., Web of Science

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

No.	Project title, Contract No. Funder, Competition, Period, Amount, Role in the research team
1	Research Project „The study of monitoring on the migration and invasion of the species <i>Ambrosia artemisiifolia</i> and <i>Phytolacca americana</i> ad in the near basin of Jiu. Identification of active bulls to combat., Project no. 10C/05.10.2018 Terra Silva SRL and University of Craiova, 10.000 Euro, 2018-2021
2	
3	

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

- Journal of Advanced Research in Economics and International Business
- Journal of Advances Studies in Finances

9. Reviewer for international journals/publishers:

- Sustainability
- Energies
- International Journal of Environmental Research and Public Health
- Sustainability and Climate Change
- International Journal of Financial Studies

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

Signature