

UNIVERSITY OF CRAIOVA

“EUGENIU CARADA” DOCTORAL SCHOOL OF ECONOMIC SCIENCES

Field: Finance

### SCIENTIFIC ACHIEVEMENTS AND INTERNATIONAL VISIBILITY

Professor GĂBAN Vasile Lucian PhD

1. ORCID: 0000-0001-7317-4798

2. Google Scholar profile link:

[..https://scholar.google.com/scholar?hl=ro&as\\_sdt=0%2C5&q=gaban+lucian&oq=G](https://scholar.google.com/scholar?hl=ro&as_sdt=0%2C5&q=gaban+lucian&oq=G)

3. Year of affiliation with SDSE “Eugeniu Carada”: 2022

4. Number of doctoral students under supervision, by academic year:

2020/2021	2021/2022	2022/2023	2023/2024	2024/2025	2025/2026
0	0	0	0	0	0

5. CITATIONS:

Database	Number of citations	HIRCH Index
Web of Science	227	8
Google Scholar	907	14

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	Lucut Capras, Isabella, Achim, Monica Violeta, Hint, Mihaela Stefan, <b>Gaban, Lucian</b> , “HOW CAN DATA MANIPULATION MATTER IN PREDICTING THE FAILURE RISK? EVIDENCE FROM ROMANIAN COMPANIES “, JOURNAL OF BUSINESS ECONOMICS AND MANAGEMENT, 2025, eISSN 2029-4433, DOI10.3846/jbem.2025.22373, <b>WOS-ISI</b>
2	Batrancea, Larissa M, Balci, Mehmet Ali, Akguller, Omer, <b>Gaban, Lucian</b> , “Distributionally Robust Multivariate Stochastic Cone Order Portfolio Optimization: Theory and Evidence from Borsa Istanbul“ MATHEMATICS ,July 2025 , eISSN - 2227-7390, DOI10.3390/math13152473, <b>WOS-ISI</b>
3	Batrancea, Larissa M, Akguller, Omer, Balci, Mehmet Ali, Altan Koc, Dilara, <b>Gaban, Lucian</b> , “ Memory-Driven Dynamics: A Fractional Fisher Information Approach to Economic Interdependencies “ ENTROPY, MAY 2025, eISSN , 1099-4300, DOI10.3390/e27060560 <b>WOS-ISI</b>
4	Akguller, Omer, Balci, Mehmet Ali, Batrancea, Larissa M, <b>Gaban, Lucian</b> “Network Geometry of Borsa Istanbul: Analyzing Sectoral Dynamics with Forman-Ricci

	Curvature “ “ ENTROPY, MARCH 2025, eISSN 1099-4300, DOI10.3390/e27030271 <b>WOS-ISI</b>
5	Akguller, Omer, Balci, Mehmet Ali, Batrancea, Larissa M, <b>Gaban, Lucian</b> , “ Fractional Transfer Entropy Networks: Short- and Long-Memory Perspectives on Global Stock Market Interactions“, FRACTAL AND FRACTIONAL , February 2025, eISSN 2504-3110, DOI10.3390/fractalfract9020069, <b>WOS-ISI</b>
6	Guler, Aysegul Caksu, Balci, Mehmet Ali, Batrancea, Larissa M, Akguller, Omer, <b>Gaban, Lucian</b> , “ Novel Graph Neighborhoods Emerging from Ideals“ MATHEMATICS ,May 2025 , eISSN- 2227-7390, DOI10.3390/math11102305, <b>WOS-ISI</b>
7	Batrancea, Larissa M, Balci, Mehmet Ali, Chermezan, Leontina, Akguller, Omer, Masca, Ema Speranta, <b>Gaban, Lucian</b> , ” Sources of SMEs Financing and Their Impact on Economic Growth across the European Union: Insights from a Panel Data Study Spanning Sixteen Years” SUSTAINABILITY, November 2022, , eISSN - 2071-1050 DOI 10.3390/su142215318 <b>WOS-ISI</b>
8	Akguller, Omer, Balci, Mehmet Ali, Batrancea, Larissa M, <b>Gaban, Lucian</b> “Path-Based Visibility Graph Kernel and Application for the Borsa Istanbul Stock Network”, MATHEMATICS ,March 2023 , eISSN - 2227-7390 DOI 10.3390/math11061528 <b>WOS-ISI</b>
9	Balci, Mehmet Ali, Akguller, Omer, Ba, trancea, Larissa M, <b>Gaban, Lucian</b> ” Discrete Geodesic Distribution-Based Graph Kernel for 3D Point Clouds” SENSORS, March 2023 , eISSN - 1424-8220 DOI 10.3390/s23052398 <b>WOS-ISI</b>
10	Balci, Mehmet Ali, Batrancea, Larissa M, Akguller, Omer, <b>Gaban, Lucian</b> , Rus, Mircea-Iosif, Tulai, Horia, ” Fractality of Borsa Istanbul during the COVID-19 Pandemic” MATHEMATICS ,July 2022 , eISSN - 2227-7390 DOI 10.3390/math10142503 <b>WOS-ISI</b>

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	
2	
3	

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

- Scientific committee member – International Conference on Management, Economics and Accounting - ICMEA 2024

- Scientific committee member – International Conference on Management, Economics and Accounting - ICMEA 2025
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9. Reviewer for international journals/publishers:

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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

20.04.2026

Signature