

UNIVERSITY OF CRAIOVA

“EUGENIU CARADA” DOCTORAL SCHOOL OF ECONOMIC SCIENCES

Field: BUSINESS INFORMATICS

SCIENTIFIC ACHIEVEMENTS AND INTERNATIONAL VISIBILITY

Professor Amelia BĂDICĂ, PhD

1. ORCID: 0000-0003-0137-9676

2. Google Scholar profile link: <https://scholar.google.com/citations?user=-15ioewAAAAJ&hl=en&oi=ao>

3. Year of affiliation with SDSE “Eugeniu Carada”: 2017

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

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

5. CITATIONS:

Database	Number of citations	HIRCH Index
Web of Science	177	7
Google Scholar	682	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	Bădică, A., Bădică, C., Logofătu, D., & NeremzoIU, I.-D. (2025). Generalizations and Properties of Normalized Similarity Measures for Boolean Models. <i>Mathematics</i> , 13(3), 384. https://doi.org/10.3390/math13030384
2	Z. Wrona, M. Ganzha, M. Paprzycki, S. Krzyżanowski, A. Bădică and S. Fidanova, "Scalability of Extended Green Cloud Simulator," <i>2024 International Conference on INnovations in Intelligent SysTems and Applications (INISTA)</i> , Craiova, Romania, 2024, pp. 1-6, doi: 10.1109/INISTA62901.2024.10683841.
3	I. -D. NeremzoIU, A. Bădică and E. Ganea, "Track Recommender System Based on Lyrics, Audio and Popularity Features," <i>2024 International Conference on INnovations in Intelligent SysTems and Applications (INISTA)</i> , Craiova, Romania, 2024, pp. 1-6, doi: 10.1109/INISTA62901.2024.10683831.
4	Bădică, A., Bădică, C., Buligiu, I., Ciora, L.I., Ganzha, M., Paprzycki, M. (2024). Solving the Mountain Car Problem Using Genetic Algorithms. In: Lirkov, I., Margenov, S. (eds) Large-Scale Scientific Computations. LSSC 2023. Lecture Notes in Computer Science, vol 13952. Springer, Cham. https://doi.org/10.1007/978-3-031-56208-2_23
5	Saad, E., Paprzycki, M., Ganzha, M., Bădică, A., Bădică, C., Fidanova, S., Lirkov, I., & Ivanović, M. (2022). Generalized Zero-Shot Learning for Image Classification—Comparing Performance of Popular Approaches. <i>Information</i> , 13(12), 561. https://doi.org/10.3390/info13120561
6	Bădică, A., Bădică, C., Ivanović, M., Logofătu, D. (2022). Experiments with Solving Mountain Car Problem Using State Discretization and Q-Learning. In: Nguyen, N.T., Tran, T.K., Tukayev, U., Hong, TP., Trawiński, B., Szczerbicki, E. (eds) <i>Intelligent Information</i>

	and Database Systems. ACIIDS 2022. Lecture Notes in Computer Science(), vol 13757. Springer, Cham. https://doi.org/10.1007/978-3-031-21743-2_12
7	M. Ivanovic, C. Badica and A. Badica, "Role of Intelligent Virtual Agents in Medical and Health Domains," <i>2022 International Conference on INnovations in Intelligent SysTems and Applications (INISTA)</i> , Biarritz, France, 2022, pp. 1-6, doi: 10.1109/INISTA55318.2022.9894253.
8	Bădică A, Bădică C, Buligiu I, Ciora LI. Exploring the Blocks World state space. <i>Concurrency Computat Pract Exper.</i> 2022;34(14):e6472. https://doi.org/10.1002/cpe.6472
9	Ivanović, M., Klačnja-Milićević, A., Paprzycki, M., Ganzha, M., Bădică, C., Bădică, A., Jain, L., (2022). Current Trends in AI-Based Educational Processes—An Overview. In: Ivanović, M., Klačnja-Milićević, A., Jain, L.C. (eds) <i>Handbook on Intelligent Techniques in the Educational Process. Learning and Analytics in Intelligent Systems</i> , vol 29. Springer, Cham. https://doi.org/10.1007/978-3-031-04662-9_1
10	Bădică, A., Bădică, C., Buligiu, I., Ciora, L.I., Exploring the Usability of Process Mining in Smart City, <i>IFAC-PapersOnLine</i> , Volume 55, Issue 11, 2022, Pages 42-47, ISSN 2405-8963, https://doi.org/10.1016/j.ifacol.2022.08.046 .

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:

- International Conference on Computer Systems and Technologies, 2025, 2024, 2023, 2022
- International Conference on Innovations in Intelligent Systems and Applications 2025, 2024, 2023, 2022, 2021
- International Conference on Computational Collective Intelligence 2024, 2023, 2022, 2021
- Federated Conference on Computer Science and Intelligence Systems 2025, 2024, 2023, 2022, 2021
- IADIS International Conference on Information Systems 2025, 2024, 2023, 2022, 2021

9. Reviewer for international journals/publishers:

- Mathematics
- IEEE Access
- Computer Science and Information Systems

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):

- Member of International Association for Development of the Information Society (IADIS)

Date

Signature