

UNIVERSITATEA DIN CRAIOVA

ȘCOALA DOCTORALĂ DE ȘTIINȚE ECONOMICE "EUGENIU CARADA"

Domeniul: Informatică economică

## REALIZĂRI ȘTIINȚIFICE ȘI VIZIBILITATE INTERNAȚIONALĂ

Prof. univ. dr. Amelia BĂDICĂ

1. ORCID: 0000-0003-0137-9676

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

3. Anul afilierei la SDSE "Eugeniu Carada": 2017

4. Număr doctoranzi aflați în îndrumare, pe ani universitari:

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

5. CITĂRI:

Baza de date	Număr citări	Indicele HIRCH
Web of Science	177	7
Google Scholar	682	13

6. Lista celor mai relevante 10 lucrări științifice (se va pune accent pe lucrările indexate Web of Science sau ERIH+, publicate în ultimii 5 ani):

Nr crt	Autori, titlu lucrare, nume revista, volum, an publicație, baza de date
1	Bădică, A.; Bădică, C.; Logofătu, D.; Neremzoiu, I.-D. Generalizations and Properties of Normalized Similarity Measures for Boolean Models. Mathematics 2025, 13, 384. <a href="https://doi.org/10.3390/math13030384">https://doi.org/10.3390/math13030384</a> , <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:001418589200001">https://www.webofscience.com/wos/woscc/full-record/WOS:001418589200001</a>
2	I. -D. Neremzoiu, A. Bădică and E. Ganea, "Track Recommender System Based on Lyrics, Audio and Popularity Features," 2024 International Conference on INnovations in Intelligent SysTems and Applications (INISTA), Craiova, Romania, 2024, pp. 1-6, doi: 10.1109/INISTA62901.2024.10683831, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:001329858400017">https://www.webofscience.com/wos/woscc/full-record/WOS:001329858400017</a>
3	Z. Wrona, M. Ganzha, M. Paprzycki, S. Krzyżanowski, A. Bădică and S. Fidanova, "Scalability of Extended Green Cloud Simulator," 2024 International Conference on INnovations in Intelligent SysTems and Applications (INISTA), Craiova, Romania, 2024, pp. 1-6, doi: 10.1109/INISTA62901.2024.10683841, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:001329858400026">https://www.webofscience.com/wos/woscc/full-record/WOS:001329858400026</a>
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. <a href="https://doi.org/10.1007/978-3-031-56208-2_23">https://doi.org/10.1007/978-3-031-56208-2_23</a> , <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:001279202200024">https://www.webofscience.com/wos/woscc/full-record/WOS:001279202200024</a>

5	Saad, E.; Paprzycki, M.; Ganzha, M.; Bădică, A.; Bădică, C.; Fidanova, S.; Lirkov, I.; Ivanović, M. Generalized Zero-Shot Learning for Image Classification—Comparing Performance of Popular Approaches. Information 2022, 13, 561. <a href="https://doi.org/10.3390/info13120561">https://doi.org/10.3390/info13120561</a> , <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000902745400001">https://www.webofscience.com/wos/woscc/full-record/WOS:000902745400001</a>
6	Bădică, A., Bădică, C., Buligiu, I., Ciora, Exploring the Usability of Process Mining in Smart City, IFAC-PapersOnLine, Volume 55, Issue 11, 2022, Pages 42-47, ISSN 2405-8963, <a href="https://doi.org/10.1016/j.ifacol.2022.08.046">https://doi.org/10.1016/j.ifacol.2022.08.046</a> , <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000853066200008">https://www.webofscience.com/wos/woscc/full-record/WOS:000853066200008</a>
7	Saad, E., Paprzycki, M., Ganzha, M., Bădică, A., Bădică, C., Fidanova, S., Lirkov, I., Ivanović, M., Generalized Zero-Shot Learning for Image Classification-Comparing Performance of Popular Approaches, INFORMATION, 2022, Vol. 13, issue 12, DOI 10.3390/info13120561, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000791959000002">https://www.webofscience.com/wos/woscc/full-record/WOS:000791959000002</a>
8	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) Intelligent Information and Database Systems. ACIIDS 2022. Lecture Notes in Computer Science(), vol 13757. Springer, Cham. <a href="https://doi.org/10.1007/978-3-031-21743-2_12">https://doi.org/10.1007/978-3-031-21743-2_12</a> , <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000917075200012">https://www.webofscience.com/wos/woscc/full-record/WOS:000917075200012</a>
9	Bădică, A.; Bădică, C.; Buligiu, I.; Ciora, L.I.; Logofătu, D. Dynamic Programming Algorithms for Computing Optimal Knockout Tournaments. Mathematics 2021, 9, 2480. <a href="https://doi.org/10.3390/math9192480">https://doi.org/10.3390/math9192480</a> , <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000707969100001">https://www.webofscience.com/wos/woscc/full-record/WOS:000707969100001</a>
10	Bădică, A., Bădică, C., Buligiu, I., Ciora, L.I., Exploring the blocks world state space. Concurrency and Computation. Practice and Experience, Vol. 34, Issue 14, 2022, doi:10.1002/cpe.6472, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000673966500001">https://www.webofscience.com/wos/woscc/full-record/WOS:000673966500001</a>

#### 7. Lista granturilor de cercetare (Director sau membru):

Nr crt	Titlu proiect, Nr contract. Finanțator, Competiția, Perioada, Valoarea, Funcția în echipa de cercetare
1	
2	
3	

#### 8. Calitatea de membru în comitetele științifice ale publicațiilor și conferințelor internaționale:

- 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. Calitatea de recenzor la reviste / edituri internaționale:

Recenzor la revistele indexate WOS:

- Mathematics
- IEEE Access

- Computer Science and Information Systems

10. Alte elemente (calitatea de membru în board-urile asociațiilor profesionale internaționale; calitatea de invitat în cadrul conferințelor sau grupurilor de experți desfășurate în străinătate; calitatea de membru al unor comisii de susținere a unor teze de doctorat la universități din străinătate sau în cotutelă cu o universitate din străinătate):

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

Data,

25.11.2025

Semnătura,