Lista publicatii doctoranzi
FIZICĂ

A. Lucrări publicate

2025

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8. High-resolution air quality maps for Bucharest using a mixed-effects modeling framework, C. Talianu, J. Vasilescu, D. Nicolae, A. Ilie, **A. DANDOCSI,** A. Nemuc, L. Belegante, Atmos. Chem. Phys., 25(9), 2025, 4639–4654, WOS: 001480854400001

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1. "ADVANCED ARCHITECTURAL INTEGRATION OF AESTHETIC, ENERGETIC AND RELIABLE FEATURES FOR COLOURED BUILDING INTEGRATED PHOTOVOLTAIC (BIPV) SYSTEMS", L. Fara, D. Crăciunescu, A. Diaconu, I. Chilibon, **A. M. BADEA**, S.Fara, "Gheorghe Asachi" Technical University of Iasi, Romania, March 2024, Vol. 23, No. 3, 685-701 WOS:001252293100017
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B. Participare conferințe

2025

1. Comparative study of high-performance MPPT algorithms for BIPV applications, **A.M., BADEA,** Sesiunea de comunicări științifice ale studenților doctoranzi, Domeniul FIZICĂ, 13 mai 2025;
2. Optimization of the Energy Efficiency of SolaPhotovoltaic Systems: Analysis of MPPT Techniques under Different Shading Scenarios, **A.M., BADEA**, D. Manaila-Maximean, D. Crăciunescu, CONFERINȚA NAȚIONALĂ ŞTIINŢIFICĂ DE TOAMNĂ 2025 a Academiei Oamenilor de Știință din România, Stațiunea Durău, județul Neamț, Știință, Cunoaștere, Creativitate, Spiritualitate, Ediția a II-a, Miercuri 17 septembrie 2025 – Vineri 19 septembrie 2025;
3. Imaging cancer cells invasion in confined 3D tissue-like environments, **A. BRAN**, S. Orobeti, F. Jipa, A. Bonciu, E. Axente, LE. Sima , K. Sugioka , SG. Stanciu, F. Sima, 1st Carpathian Biophotonics Meeting (CBM), 8-12 septembrie 2025, Sinaia, PCE89/2025
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13. Simulating the focusing of laser-plasma accelerated proton beams for applications, **L. NĂLBARU**, M. Arnold, C. Ticoș, , 51st EPS Conference on Plasma Physics, 7-11 Iulie 2025, Vilnius (Lituania), ARNPhot – ELI-RO/DFG/2023_001.

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