MEMORIU ȘTIINȚIFIC

Diseminarea rezultatelor

1. Articole publicate în jurnale cotate ISI

1. Matei E., Râpă M., Mateș I.M., **Popescu A.-F**., Bădiceanu A., Balint A.I., Covaliu-Mierlă C.I., Heavy Metals in Particulate Matter—Trends and Impacts on Environment, (2025) Molecules, 30 (7), art. no. 1455, DOI: 10.3390/molecules30071455, IF 4.6, CO-AUTOR
2. Badiceanu, A, **Popescu, A.F.**, Balint, AI, Matei, E, Impact of PM10 emissions from transport sector on air quality in the Bucharest-Ilfov area, (2025) University Politehnica of Bucharest Scientific Bulletin Series B-Chemistry and Materials Science, VL 87, IS 1, 227-236, WOS:001488435000001, IF 0.3, CO-AUTOR
3. **Popescu, A.F**., Matei, E., Bădiceanu A., Balint, A.I., Râpă M., Coman G., Predescu C., An optimistic vision for public transport in Bucharest city after the bus fleet upgrades, (2025), Environments, publicat, IF 3.7, ID : environments-3695062; DOI: 10.3390/environments12070242, Environments 2025, 12, 242, AUTOR PRINCIPAL – nominalizat la premiul "Best Researcher Award" de către Global Research, 17.07.2025.
4. **Popescu, A.F.**, Matei, E., Bădiceanu, A., Urban Transport decarbonisation strategies: Scenario analysis on route bus 368 in city of Bucharest, (2025) , U.P.B. Sci. Bull., Series B, Vol. 87, Iss. 3, 323-334, ISSN 1454-2331, AUTOR PRINCIPAL

2. Participări la conferințe

- Popescu, A.F., Bădiceanu A., Matei, E., PM_{10} emissions impact on air quality from transport activities (2024), International Conference of Science and Technology Materials ROMAT, 14-15 Noiembrie, 2024, prezentare orală.
- Popescu, A.F, Matei, E., Bădiceanu, A. - Environmental Impact of Renewable Energy and Electric Propulsion Systems in Public Transport: A Case Study on Bucharest e-Buses (2025) , acceptat la International Conference on Advanced Automotive Systems ICAAS, 13-14 Noiembrie, 2025 –prezentare orală.