

Lista de publicații

Articole:

1. **Zuza A.**, Neuroscience based teaching methodologies for military English language learners”, Journal of Romanian Literary Studies , ISSN: 2248-3004, Vol. 38/ 2024 (articol acceptat spre publicare)
2. **Zuza A.**, ”Institutional heritage: the founding narrative of Stephen the Great Military High School. A tribute to the centennial anniversary”, Etnosfera Journal, No.1/2024 (articol acceptat spre publicare)
3. Agachi P.S., Cristea V.M., Roman C., Nair A., **Zuza A.**, Brehar M., “ Mathematical modeling of anaerobic digestors for biogas production plants”, Romanian Chemical Engineering Society Bulletin, Vol 1, Nr 1, 2014
4. **Zuza A.**, Agachi P.S, Cristea V.M, Nair A, Tue N.N., Deac C., “Case study of energy efficiency of biogas production in industrial anaerobic digesters at municipal wastewater treatment plants”, Environmental Engineering Management Journal, Vol. 14, No.2, 357-360, 2015
5. **Zuza A.**, Agachi P.S, Barabás F.G., Gyarmati I., Bezsenyi A., „Tehnological procedures for the elimination of filamentous bacteria foams from activated sludge at wastewater treatment plant”, WASTEnet2015 Conference Proceedings, Kavala, Greece 19-21 June 2015
6. Nair A., **Zuza A.**, Agachi P.S, Das A., Brehar M., Barabás F.G., „Sensitivity analysis using ADM1 model for biogas production”, *Studia Chemia*, LX, 4, October, 2015, p. 143-156
7. **Zuza A.**, Deac C.D., Biris I., Solid Polymer Electrolyte Electrolyser Of The Fuel Cell, Science and Engineering, (XII), Vol. 21/2012, AGIR Press, Bucharest, ISSN 2067-7138, page 561-566
8. **Zuza A.**, Deac C.D., Biris I., Recent achievements of hydrogen fuel cell, Science and Engineering, (XII), Vol. 22/2012, AGIR Press, Bucharest, ISSN 2067-7138

Conferințe:

1. International Conference on Environmental Engineering: „Energy efficiency case study on biogas production in industrial anaerobic digesters at Municipal Wastewater Treatment Plant”, poster presentation, G. Asachi Technical University, Faculty of Chemical Engineering and Environmental Protection, November 2014
2. International Conference on Waste – WASTEnet 2015: „Tehnological procedures for the elimination of filamentous bacteria foams from activated sludge at Wastewater Treatment Plant”, oral presentation, Kavala, Greece, June 2015
3. Scientific conference on Materials Engineering and Environmental Engineering – SIMTECH, Research on Fuel Cells as an alternative energy, Technical University of Cluj-Napoca, November 2010

Mobilități de cercetare:

Research mobility at Budapest Wastewater Treatment Plant, Kerepesi Street. No. 19, Hungary, January 2015