

LISTĂ DE LUCRĂRI
Şef de lucrări dr. ing. Andrei Ionuţ SIMION

LISTĂ LUCRĂRI RELEVANTE

1. **Simion, A.I.**, Grigoraş, C.G., Chiriac, A., Tâmpu, N.C., Gavrilă, L., (2018), Mathematical Modelling for Phenolation of Spent Sulfite Liquor, *Environmental Engineering and Management Journal* (ISSN: 1582-9596, IF₂₀₁₇ 1,096), **17** (4), p. 771-781;
2. **Simion, A.I.**, Grigoraş, C.G., Favier, L., Moroi, A.M., Kadmi, Y., Bahrim, G.E., (2017), Successful fodder yeast production from agro-industrial by products through a statistical optimization approach, *Romanian Biotechnological Letters* (ISSN 1224-5984, IF₂₀₁₆ 0,381), **22** (3), p. 12671-12679;
3. **Simion, A.I.**, Manea, L., Grigoraş, C.G., Favier, L., (2016), Improving the Nutritional Quality of Fodder Yeasts by Adding Minerals, *Environmental Engineering and Management Journal* (ISSN: 1582-9596, IF₂₀₁₆ 1,008), **15** (5), p. 1009-1017;
4. Kadmi, Y., Favier, L., **Simion, A.I.**, Matei, E., Wolbert, D., (2016), Improved Determination of Dichloroacetic and Trichloroacetic Acids in Water By Solid Phase Extraction Followed by Ultra-High Performance Liquid Chromatography Tandem Mass Spectrometry, *Analytical Letters*, (ISSN: 0003-2719, IF₂₀₁₅ 1,088), **49** (3), p. 433-443;
5. Favier, L., **Simion, A.I.**, Rusu, L., Pacala, M.L., Grigoraş, C.G., Bouzaza, A., (2015), Removal of an Organic Refractory Compound by Photocatalysis in Batch Reactor – Kinetic Studies, *Environmental Engineering and Management Journal* (ISSN: 1582-9596, IF₂₀₁₄ 1,258), **14** (6), p. 1327-1338;
6. **Simion, A.I.**, Dobrovici, P., Rusu, L., Favier-Teodorescu, L., (2012), Mathematical Modelling of the Process of Sugar Beet Pulp Valorisation by Acid Hydrolysis, *Revue Romaine de Chime* (ISSN: 0035-3930, IF₂₀₁₂ 0,331), **57** (11), p. 913-918;
7. **Simion, A.I.**, Dobrovici, P., Rusu, L., Gavrilă, L., Ciobanu, D., (2012), New Possibilities for the Valorization of Sugar Industry By-Products, *Revue Roumaine de Chimie* (ISSN: 0035-3930, IF₂₀₁₂ 0,331), **57** (6), p. 577-586;
8. **Simion, A.I.**, Grigoraş, C.G., Rusu, L., Gavrilă, L., (2012), Modelling of the Thermophysical Properties of Liquids Involved in Food Processing, la *Environmental Engineering and Management Journal* (ISSN: 1582-9596, IF₂₀₁₁ 1,004), **11** (11), p. 2035-2045;
9. **Simion, A.I.**, Grigoraş C.G., Bardaşu, L.E., Dabija, A., (2012), Modelling of the Thermophysical Lactic Acid Aqueous Solutions. Density and Viscosity, *Food and Environment Safety* (ISSN 2068-6609), **XI** (4), p. 49-58;
10. **Simion, A.I.**, Dobrovici, P., Rusu, L., Gavrilă, L., (2011), Modeling of the Thermo-Physical Properties of Grapes Juice III. Viscosity and Heat Capacity, *Scientific Study & Research - Chemistry & Chemical Engineering, Biotechnology, Food Industry* (ISSN 1582-540X), **XII** (4), p. 409-420;
11. **Simion, A.I.**, Grigoraş, C.G., Rusu, L., Dabija, A., (2011), Modeling of the Thermo-Physical Properties of Aqueous Sucrose Solutions II. Boiling Point, Specific Heat Capacity and Thermal Conductivity, *Food and Environment Safety* (ISSN 2068-6609), **X** (4), p. 49-56.