

OBJAVLJENE PUBLIKACIJE

Znanstveni rad objavljen u časopisu citiranom u tercijarnim publikacijama

1. M. Racar, D. Dolar, A. Špehar, A. Kraš, K. Košutić, *Optimization of coagulation with ferric chloride as a pretreatment for fouling during nanofiltration of rendering plant secondary effluent*, Chemosphere 181 (2017) 485-491
2. M. Racar, D. Dolar, K. Košutić, *Chemical cleaning of flat sheet ultrafiltration membranes fouled by effluent organic matter*, Separation and Purification Technology 188 (2017) 140-146
3. M. Racar, D. Dolar, M. Farkaš, N. Milčić, A. Špehar, K. Košutić, *Rendering plant wastewater reclamation by coagulation, sand filtration, and ultrafiltration*, Chemosphere 227 (2019) 207-215
4. D. Dolar, M. Racar, K. Košutić, *Municipal wastewater reclamation and water reuse for irrigation by membrane processes*, Chemical and Biochemical Engineering Quarterly 33 (3) (2019) 417-425
5. M. Racar, D. Dolar, K. Karadakić, N. Čavarović, N. Glumac, D. Ašperger, K. Košutić, *Challenges of municipal wastewater reclamation for irrigation by MBR and NF/RO: Physico-chemical and microbiological parameters, and emerging contaminants*, Science of the Total Environment 722 (2020) 137959

Znanstveni rad objavljen u časopisu citiranom u sekundarnim publikacijama

1. T. Borojević, D. Ašperger, D. Dolar, *Određivanje toksičnosti ksenobiotika u vodi*, Kem. Ind. 67 (13) (2018) 135-142
2. D. Dolar, M. Racar, K. Košutić, N. Čavarović, K. Karadakić, *Obrada komunalne otpadne vode membranskim procesima*, Kem. Ind. 68 (9-10) (2019) 481-486

Sudjelovanje na međunarodnom skupu

1. D. Dolar, J. Radoš, D. Ašperger, K. Košutić, *Chemical cleaning of adsorbed pharmaceutical on NF/RO membranes*, 15th International Conference on Environmental Science and Technology, Rhodes, Grčka, 2017.
2. M. Racar, D. Dolar, M. Farkaš, N. Milčić, A. Špehar, K. Košutić, *Wastewater reuse for irrigation by coagulation and ultrafiltration*, 15th International Conference on Environmental Science and Technology, Rhodes, Grčka, 2017.
3. M. Racar, I. Barišić, D. Dolar, K. Košutić, *Characterization of ZW-1 ultrafiltration membrane and its application for direct municipal wastewater treatment*, Euromembrane 2018, Valencia, Španjolska, 2018.
4. D. Dolar, M. Racar, K. Karadakić, N. Čavarović, N. Glumac, K. Košutić, *Reuse of municipal wastewater for agricultural irrigation by membrane processes*, 8th International Conference Water for all 2019, Osijek, Hrvatska, 2019.

Sudjelovanje na domaćim skupovima

1. I. Barišić, D. Dolar, M. Racar, *Determination of permeability and separation characteristics of ultrafiltration module with hollow fiber*, XII susret mladih kemijskih inženjera, Zagreb, Hrvatska, 2018.
2. T. Borojević, D. Ašperger, D. Dolar, *Toxicity determination of xenobiotics in the water*, XII susret mladih kemijskih inženjera, Zagreb, Hrvatska 2018.

3. T. Borojević, D. Ašperger, D. Dolar, *Određivanje ekotoksičnosti ksenobiotika u vodi*, 1. ZORH susret, Split, Hrvatska, 2018.
4. D. Dolar, K. Karadakić, N. Čavarović, M. Racar, K. Košutić, *Municipal wastewater reuse for irrigation by MBR and RO/NF processes*, 26. hrvatski skup kemičara i kemijskih inženjera, Šibenik, Hrvatska, 2019.
5. M. Racar, K. Obajdin, D. Dolar, K. Košutić, *Ultrafiltration as a pretreatment for secondary effluent reclamation with nanofiltration/reverse osmosis: flat sheet vs. hollow fiber membranes*, 26. hrvatski skup kemičara i kemijskih inženjera, Šibenik, Hrvatska, 2019.
6. T. Borojević, I. Mađor-Božinović, D. Andrić, D. Ašperger, D. Dolar, *Monitoring of organic pollutants in wastewater from Čakovec area*, 26. hrvatski skup kemičara i kemijskih inženjera, Šibenik, Hrvatska, 2019.