Aleksandar JokiÄ‡

List of Publications by Year
in descending order

32 papers	84 citations	1684188 5 h-index	1588992 8 g-index
32 all docs	32 docs citations	32 times ranked	66 citing authors

#	Article	IF	Citations
1	Utilization of waste glycerol for the production of biocontrol agents nigericin and niphimycin by <i>Streptomyces hygroscopicus</i>: bioprocess development. Environmental Technology (United) Tj ETQq1 1 0.784314 rgBT /Overlo		
2	Medium for the Production of Bacillus-Based Biocontrol Agent Effective against Aflatoxigenic Aspergillus flavus: Dual Approach for Modelling and Optimization. Microorganisms, 2022, 10, 1165.	3.6	10
3	Xanthomonas campestris biocontrol agent: Selection, medium formulation and bioprocess kinetic analysis. Chemical Industry and Chemical Engineering Quarterly, 2021, 27, 131-142.	0.7	9
4	Biotechnological production of plant inoculants based on nitrogen-fixing bacteria. Journal on Processing and Energy in Agriculture, 2021, 25, 56-63.	0.4	1
5	Modeling and Optimization of Gas Sparging-Assisted Bacterial Cultivation Broth Microfiltration by Response Surface Methodology and Genetic Algorithm. Membranes, 2021, 11, 681.	3.0	2
6	Optimisation of xanthan production on glycerol-based medium using response surface methodology. Brazilian Journal of Chemical Engineering, 2020, 37, 617-627.	1.3	2
7	Dynamic Modeling Using Artificial Neural Network of Bacillus Velezensis Broth Cross-Flow Microfiltration Enhanced by Air-Sparging and Turbulence Promoter. Membranes, 2020, 10, 372.	3.0	5
8	Biocontrol agent for apple Fusarium rot: optimization of production by Streptomyces hygroscopicus. Zemdirbyste, 2020, 107, 263-270.	0.8	4
9	Feasibility of closed loop ground source heat pump for residential heating and cooling applications in Serbia. Thermal Science, 2020, 24, 965-976.	1.1	0
10	Artificial neural network modeling and optimization of wheat starch suspension microfiltration using twisted tape as a turbulence promoter. Journal of Food Processing and Preservation, 2019, 43, e14219.	2.0	3
11	The effect of cultivation technique on enzymes production from sugar beet pulp by Neurospora crassa. Acta Periodica Technologica, 2019, , 338-345.	0.2	1
12	Application of waste polypropylene bags as filter media in coalescers for oily water treatment. Hemijska Industrija, 2019, 73, 147-154.	0.7	3
13	Formulation of medium for bactericides biosynthesis using wild type Streptomyces sp.. Chemical Industry and Chemical Engineering Quarterly, 2018, 24, 399-410.	0.7	1
14	Optimization of sugar beet osmotic dehydration by desirability function approach. Journal on Processing and Energy in Agriculture, 2018, 22, 5-9.	0.4	0
15	Influence of the geometry on the riser gas holdup in an external-loop airlift reactor: empirical and neural network modelling. Acta Periodica Technologica, 2018, , 93-102.	0.2	1
16	Multi-objective optimization of microfiltration of baker's yeast using genetic algorithm. Acta Periodica Technologica, 2017, , 211-220.	0.2	4
17	Flux intensification during microfiltration of distillery stillage using a kenics static mixer. Acta Periodica Technologica, 2017, , 285-293.	0.2	0
18	Optimization of the flux values in multichannel ceramic membrane microfiltration of Baker`s yeast suspension. Acta Periodica Technologica, 2016, , 231-240.	0.2	0

#	Article	IF	Citations
19	Optimization of alcoholic fermentation using immobilized yeast cells in calcium alginate gel. Acta Periodica Technologica, 2015, , 207-218.	0.2	0
20	2D simulation and analysis of fluid flow between two sinusoidal parallel plates using lattice Bolzmann method. Chemical Industry and Chemical Engineering Quarterly, 2013, 19, 369-375.	0.7	1
21	Optimization of cultivation medium for the production of antibacterial agents. Acta Periodica Technologica, 2013, , 217-227.	0.2	1
22	Optimization of medium for antimycotic production by Streptomyces spp.. Zbornik Matice Srpske Za Prirodne Nauke, 2013, , 427-436.	0.1	1
23	Microfiltration of distillery stillage: Influence of membrane pore size. Acta Periodica Technologica, 2012, , 217-224.	0.2	5
24	Artificial neural network approach to modeling of alcoholic fermentation of thick juice from sugar beet processing. Hemijska Industrija, 2012, 66, 211-221.	0.7	7
25	Utilization of maltose enriched spent grains liquor for xanthan production. Acta Periodica Technologica, 2011, , 211-221.	0.2	4
26	Interpreting the neural networkfor prediction of fermentation of thick juice from sugar beet processing. Acta Periodica Technologica, 2011, , 241-249.	0.2	9
27	Microfiltration of wheat starch suspensions using multichannel ceramic membrane. Hemijska Industrija, 2011, 65, 131-138.	0.7	2
28	Improving the economic performances of the beet-sugar industry. Acta Periodica Technologica, 2008, , 55-61.	0.2	1
29	Performance of falling film plate evaporators in reconstructed multiple-effect evaporation station in sugar factory. Thermal Science, 2006, 10, 55-61.	1.1	2
30	Kinetics of convective drying of the sugar beet pulp. Hemijska Industrija, 2005, 59, 73-77.	0.7	1
31	Photocatalytic Performance of TiO2-ZnAl LDH Based Materials: Kinetics and Neural Networks Approach. Polish Journal of Environmental Studies, 0, , .	1.2	0
32	Optimization of glycerol-based medium composition for antifungal metabolites production by Bacillus subtilis. Brazilian Journal of Pharmaceutical Sciences, 0, 58, .	1.2	1