

Aleksandar JokiÄ

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Medium for the Production of Bacillus-Based Biocontrol Agent Effective against Aflatoxigenic <i>Aspergillus flavus</i> : Dual Approach for Modelling and Optimization. <i>Microorganisms</i> , 2022, 10, 1165.	3.6	10
2	<i>Xanthomonas campestris</i> biocontrol agent: Selection, medium formulation and bioprocess kinetic analysis. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2021, 27, 131-142.	0.7	9
3	Interpreting the neural network for prediction of fermentation of thick juice from sugar beet processing. <i>Acta Periodica Technologica</i> , 2011, , 241-249.	0.2	9
4	Artificial neural network approach to modeling of alcoholic fermentation of thick juice from sugar beet processing. <i>Hemijaska Industrija</i> , 2012, 66, 211-221.	0.7	7
5	Dynamic Modeling Using Artificial Neural Network of <i>Bacillus Velezensis</i> Broth Cross-Flow Microfiltration Enhanced by Air-Sparging and Turbulence Promoter. <i>Membranes</i> , 2020, 10, 372.	3.0	5
6	Microfiltration of distillery stillage: Influence of membrane pore size. <i>Acta Periodica Technologica</i> , 2012, , 217-224.	0.2	5
7	Biocontrol agent for apple <i>Fusarium</i> rot: optimization of production by <i>Streptomyces hygroscopicus</i> . <i>Zemdirbyste</i> , 2020, 107, 263-270.	0.8	4
8	Utilization of maltose enriched spent grains liquor for xanthan production. <i>Acta Periodica Technologica</i> , 2011, , 211-221.	0.2	4
9	Multi-objective optimization of microfiltration of baker's yeast using genetic algorithm. <i>Acta Periodica Technologica</i> , 2017, , 211-220.	0.2	4
10	Artificial neural network modeling and optimization of wheat starch suspension microfiltration using twisted tape as a turbulence promoter. <i>Journal of Food Processing and Preservation</i> , 2019, 43, e14219.	2.0	3
11	Utilization of waste glycerol for the production of biocontrol agents nigericin and niphimycin by <i>Streptomyces hygroscopicus</i> : bioprocess development. <i>Environmental Technology (United Kingdom)</i> 41(14) 2114-2124	1.0782	3
12	Application of waste polypropylene bags as filter media in coalescers for oily water treatment. <i>Hemijaska Industrija</i> , 2019, 73, 147-154.	0.7	3
13	Optimisation of xanthan production on glycerol-based medium using response surface methodology. <i>Brazilian Journal of Chemical Engineering</i> , 2020, 37, 617-627.	1.3	2
14	Modeling and Optimization of Gas Sparging-Assisted Bacterial Cultivation Broth Microfiltration by Response Surface Methodology and Genetic Algorithm. <i>Membranes</i> , 2021, 11, 681.	3.0	2
15	Microfiltration of wheat starch suspensions using multichannel ceramic membrane. <i>Hemijaska Industrija</i> , 2011, 65, 131-138.	0.7	2
16	Performance of falling film plate evaporators in reconstructed multiple-effect evaporation station in sugar factory. <i>Thermal Science</i> , 2006, 10, 55-61.	1.1	2
17	2D simulation and analysis of fluid flow between two sinusoidal parallel plates using lattice Boltzmann method. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2013, 19, 369-375.	0.7	1
18	Biotechnological production of plant inoculants based on nitrogen-fixing bacteria. <i>Journal on Processing and Energy in Agriculture</i> , 2021, 25, 56-63.	0.4	1

#	ARTICLE	IF	CITATIONS
19	Improving the economic performances of the beet-sugar industry. <i>Acta Periodica Technologica</i> , 2008, , 55-61.	0.2	1
20	The effect of cultivation technique on enzymes production from sugar beet pulp by <i>Neurospora crassa</i> . <i>Acta Periodica Technologica</i> , 2019, , 338-345.	0.2	1
21	Kinetics of convective drying of the sugar beet pulp. <i>Hemijaska Industrija</i> , 2005, 59, 73-77.	0.7	1
22	Optimization of cultivation medium for the production of antibacterial agents. <i>Acta Periodica Technologica</i> , 2013, , 217-227.	0.2	1
23	Optimization of medium for antimycotic production by <i>Streptomyces</i> spp.. <i>Zbornik Matice Srpske Za Prirodne Nauke</i> , 2013, , 427-436.	0.1	1
24	Formulation of medium for bactericides biosynthesis using wild type <i>Streptomyces</i> sp.. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2018, 24, 399-410.	0.7	1
25	Influence of the geometry on the riser gas holdup in an external-loop airlift reactor: empirical and neural network modelling. <i>Acta Periodica Technologica</i> , 2018, , 93-102.	0.2	1
26	Optimization of glycerol-based medium composition for antifungal metabolites production by <i>Bacillus subtilis</i> . <i>Brazilian Journal of Pharmaceutical Sciences</i> , 0, 58, .	1.2	1
27	Optimization of alcoholic fermentation using immobilized yeast cells in calcium alginate gel. <i>Acta Periodica Technologica</i> , 2015, , 207-218.	0.2	0
28	Optimization of the flux values in multichannel ceramic membrane microfiltration of Baker's yeast suspension. <i>Acta Periodica Technologica</i> , 2016, , 231-240.	0.2	0
29	Flux intensification during microfiltration of distillery stillage using a kenics static mixer. <i>Acta Periodica Technologica</i> , 2017, , 285-293.	0.2	0
30	Optimization of sugar beet osmotic dehydration by desirability function approach. <i>Journal on Processing and Energy in Agriculture</i> , 2018, 22, 5-9.	0.4	0
31	Feasibility of closed loop ground source heat pump for residential heating and cooling applications in Serbia. <i>Thermal Science</i> , 2020, 24, 965-976.	1.1	0
32	Photocatalytic Performance of TiO ₂ -ZnAl LDH Based Materials: Kinetics and Neural Networks Approach. <i>Polish Journal of Environmental Studies</i> , 0, , .	1.2	0