

# Jelena DodiÄ

## List of Publications by Year in descending order

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53  
papers

276  
citations

1163117

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53  
docs citations

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times ranked

279  
citing authors

#	ARTICLE	IF	CITATIONS
1	The evaluation of phenolic content, in vitro antioxidant and antibacterial activity of <i>Mentha piperita</i> extracts obtained by natural deep eutectic solvents. <i>Food Chemistry</i> , 2021, 362, 130226.	8.2	44
2	Bioethanol production from intermediate products of sugar beet processing with different types of <i>Saccharomyces cerevisiae</i> . <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2009, 15, 13-16.	0.7	36
3	Optimization of cultivation medium for enhanced production of antifungal metabolites by <i>Streptomyces hygroscopicus</i> . <i>Crop Protection</i> , 2014, 65, 143-152.	2.1	35
4	Utilisation of winery wastewater for xanthan production in stirred tank bioreactor: Bioprocess modelling and optimisation. <i>Food and Bioprocess Processing</i> , 2019, 117, 113-125.	3.6	27
5	Xanthan production on wastewaters from wine industry. <i>Hemijaska Industrija</i> , 2017, 71, 145-153.	0.7	10
6	Effect of Cultivation Time on Production of Antifungal Metabolite(s) by <i>Streptomyces hygroscopicus</i> in Laboratory-Scale Bioreactor. <i>Journal of Phytopathology</i> , 2016, 164, 310-317.	1.0	9
7	<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
8	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
9	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
10	Production of ethanol from Kantata wheat variety. <i>Acta Periodica Technologica</i> , 2006, , 155-161.	0.2	6
11	Effect of the initial glycerol concentration in the medium on the xanthan biosynthesis. <i>Acta Periodica Technologica</i> , 2014, , 239-246.	0.2	6
12	Rheological properties and the energetic value of wheat flour substituted by different shares of white and brown rice flour. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2011, 17, 349-357.	0.7	5
13	Effect of agitation rate on the production of antifungal metabolites by <i>Streptomyces hygroscopicus</i> in a lab-scale bioreactor. <i>Acta Periodica Technologica</i> , 2017, , 231-244.	0.2	5
14	The biotechnological production of xanthan on vegetable oil industry wastewaters. Part I: Modelling and optimization. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2017, 23, 329-339.	0.7	5
15	Optimization of bioethanol production from soybean molasses using different strains of <i>Saccharomyces cerevisiae</i> . <i>Hemijaska Industrija</i> , 2019, 73, 1-12.	0.7	5
16	Modelling the effects of transglutaminase and L-ascorbic acid on substandard quality wheat flour by response surface methodology. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2014, 20, 471-480.	0.7	4
17	Biocontrol agent for apple Fusarium rot: optimization of production by <i>Streptomyces hygroscopicus</i> . <i>Zemdirbyste</i> , 2020, 107, 263-270.	0.8	4
18	Utilization of maltose enriched spent grains liquor for xanthan production. <i>Acta Periodica Technologica</i> , 2011, , 211-221.	0.2	4

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19	Multi-objective optimization of microfiltration of baker's yeast using genetic algorithm. Acta Periodica Technologica, 2017, , 211-220.	0.2	4
20	Production of nigericin and niphimycin by soil isolate Streptomyces sp. MS1: Anti-Candida bioassay guided response surface methodology for the optimized culture medium. Facta Universitatis - Series Physics Chemistry and Technology, 2017, 15, 1-16.	0.5	4
21	Optimization of medium composition for the production of compounds effective against Xanthomonas campestris by bacillus subtilis. Acta Periodica Technologica, 2014, , 247-258.	0.2	4
22	Chemometric Approach to Prediction of Antibacterial Agent Production by Streptomyces hygroscopicus. Applied Biochemistry and Biotechnology, 2014, 174, 534-541.	2.9	3
23	Utilization of waste glycerol for the production of biocontrol agents nigericin and niphimycin by Streptomyces hygroscopicus: bioprocess development. Environmental Technology (United Kingdom), 2014, 35, 1149-1157.	1.0	3
24	Potential of different Xanthomonas campestris strains for xanthan biosynthesis on waste glycerol from biodiesel production. Journal on Processing and Energy in Agriculture, 2020, 24, 62-66.	0.4	3
25	Optimisation of xanthan production on glycerol-based medium using response surface methodology. Brazilian Journal of Chemical Engineering, 2020, 37, 617-627.	1.3	2
26	Effect of fermentation conditions on content of phenolic compounds in red wine. Acta Periodica Technologica, 2005, , 61-70.	0.2	2
27	The application of natural organic compounds in bakery industry. Hemijska Industrija, 2010, 64, 411-421.	0.7	2
28	Influence of dough freezing on Saccharomyces cerevisiae metabolism. Zbornik Matice Srpske Za Prirodne Nauke, 2007, , 293-301.	0.1	2
29	Bacillus velezensis: Biocontrol activity of cells and extracellular compounds against Xanthomonas spp. Journal on Processing and Energy in Agriculture, 2022, 26, 15-18.	0.4	2
30	Biotechnological production of plant inoculants based on nitrogen-fixing bacteria. Journal on Processing and Energy in Agriculture, 2021, 25, 56-63.	0.4	1
31	Utilization of wastewaters from red wine technology for xanthan production in laboratory bioreactor. Journal of Food Processing and Preservation, 2020, 44, e15849.	2.0	1
32	Glycerol as a carbon source for xanthan production by Xanthomonas campestris isolates. Acta Periodica Technologica, 2015, , 197-206.	0.2	1
33	The effect of cultivation technique on enzymes production from sugar beet pulp by Neurospora crassa. Acta Periodica Technologica, 2019, , 338-345.	0.2	1
34	Optimization of cultivation medium composition for production of bioactive compounds effective against Penicillium sp.. Pesticidi I Fitomedicina = Pesticides and Phytomedicine, 2018, 33, 27-37.	0.2	1
35	Influence of addition of amylase preparation to dough on fermentative activity of baker's yeast. Zbornik Matice Srpske Za Prirodne Nauke, 2005, , 217-227.	0.1	1
36	Activation of waste brewer's yeast Saccharomyces cerevisiae for bread production. Zbornik Matice Srpske Za Prirodne Nauke, 2005, , 247-254.	0.1	1

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37	Optimization of cultivation medium for the production of antibacterial agents. Acta Periodica Technologica, 2013, , 217-227.	0.2	1
38	Optimization of medium for antimycotic production by Streptomyces spp.. Zbornik Matice Srpske Za Prirodne Nauke, 2013, , 427-436.	0.1	1
39	Biosynthesis of components with antifungal activity against Aspergillus spp. using Streptomyces hygrosopicus. Hemijska Industrija, 2015, 69, 201-208.	0.7	1
40	Optimization of the medium composition for production of antimicrobial substances by bacillus subtilis ATCC 6633. Acta Periodica Technologica, 2017, , 245-259.	0.2	1
41	Formulation of medium for bactericides biosynthesis using wild type Streptomyces sp.. Chemical Industry and Chemical Engineering Quarterly, 2018, 24, 399-410.	0.7	1
42	The effect of cultivation time on xanthan production by Xanthomonas spp. on glycerol containing medium. Acta Periodica Technologica, 2021, , 173-187.	0.2	1
43	Screening of Local Wild Xanthomonas Species for Xanthan Production on Crude Glycerol-based Medium. Periodica Polytechnica: Chemical Engineering, 2022, 66, 641-649.	1.1	1
44	Optimization of glycerol-based medium composition for antifungal metabolites production by Bacillus subtilis. Brazilian Journal of Pharmaceutical Sciences, 0, 58, .	1.2	1
45	Investigation of zinc biosorption by brewer's yeast cells. Zbornik Matice Srpske Za Prirodne Nauke, 2005, , 239-245.	0.1	0
46	The contribution of bioethanol to sustainable development in Serbia. Zbornik Matice Srpske Za Prirodne Nauke, 2013, , 397-404.	0.1	0
47	Optimization of alcoholic fermentation using immobilized yeast cells in calcium alginate gel. Acta Periodica Technologica, 2015, , 207-218.	0.2	0
48	Optimization of the flux values in multichannel ceramic membrane microfiltration of Baker`s yeast suspension. Acta Periodica Technologica, 2016, , 231-240.	0.2	0
49	Effect of nitrogen sources on the production of antifungal metabolites by Streptomyces hygrosopicus. Zbornik Matice Srpske Za Prirodne Nauke, 2017, , 183-191.	0.1	0
50	Flux intensification during microfiltration of distillery stillage using a kenics static mixer. Acta Periodica Technologica, 2017, , 285-293.	0.2	0
51	The biotechnological production of xanthan on vegetable oil industry wastewaters (part II): Kinetic modelling and process simulation. Chemical Industry and Chemical Engineering Quarterly, 2018, 24, 127-137.	0.7	0
52	Effect of aeration on production of biofungicide using Streptomyces hygrosopicus. Zbornik Matice Srpske Za Prirodne Nauke, 2020, , 39-49.	0.1	0
53	In vitro potential of Bacillus spp. Antagonists for suppression of Xanthomonas euvesicatoria phytopathogens. Journal on Processing and Energy in Agriculture, 2020, 24, 72-76.	0.4	0