

# Jelena DodiÄ

## List of Publications by Year in descending order

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53  
papers

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citations

1163117

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times ranked

279  
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#	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 Kingdom), 2021, 42, 114-125.	1.78	14
2	<i>Bacillus velezensis</i> : Biocontrol activity of cells and extracellular compounds against <i>Xanthomonas</i> spp. Journal on Processing and Energy in Agriculture, 2022, 26, 15-18.	0.4	2
3	Screening of Local Wild <i>Xanthomonas</i> Species for Xanthan Production on Crude Glycerol-based Medium. Periodica Polytechnica: Chemical Engineering, 2022, 66, 641-649.	1.1	1
4	<i>Xanthomonas campestris</i> biocontrol agent: Selection, medium formulation and bioprocess kinetic analysis. Chemical Industry and Chemical Engineering Quarterly, 2021, 27, 131-142.	0.7	9
5	Biotechnological production of plant inoculants based on nitrogen-fixing bacteria. Journal on Processing and Energy in Agriculture, 2021, 25, 56-63.	0.4	1
6	The evaluation of phenolic content, in vitro antioxidant and antibacterial activity of <i>Mentha piperita</i> extracts obtained by natural deep eutectic solvents. Food Chemistry, 2021, 362, 130226.	8.2	44
7	The effect of cultivation time on xanthan production by <i>Xanthomonas</i> spp. on glycerol containing medium. Acta Periodica Technologica, 2021, , 173-187.	0.2	1
8	Optimisation of xanthan production on glycerol-based medium using response surface methodology. Brazilian Journal of Chemical Engineering, 2020, 37, 617-627.	1.3	2
9	Biocontrol agent for apple <i>Fusarium</i> rot: optimization of production by <i>Streptomyces hygroscopicus</i> . Zemdirbyste, 2020, 107, 263-270.	0.8	4
10	Effect of aeration on production of biofungicide using <i>Streptomyces hygroscopicus</i> . Zbornik Matice Srpske Za Prirodne Nauke, 2020, , 39-49.	0.1	0
11	Potential of different <i>Xanthomonas campestris</i> strains for xanthan biosynthesis on waste glycerol from biodiesel production. Journal on Processing and Energy in Agriculture, 2020, 24, 62-66.	0.4	3
12	In vitro potential of <i>Bacillus</i> spp. Antagonists for suppression of <i>Xanthomonas euvesicatoria</i> phytopathogens. Journal on Processing and Energy in Agriculture, 2020, 24, 72-76.	0.4	0
13	Utilisation of winery wastewater for xanthan production in stirred tank bioreactor: Bioprocess modelling and optimisation. Food and Bioproducts Processing, 2019, 117, 113-125.	3.6	27
14	The effect of cultivation technique on enzymes production from sugar beet pulp by <i>Neurospora crassa</i> . Acta Periodica Technologica, 2019, , 338-345.	0.2	1
15	Optimization of bioethanol production from soybean molasses using different strains of <i>Saccharomyces cerevisiae</i> . Hemijska Industrija, 2019, 73, 1-12.	0.7	5
16	Optimization of cultivation medium composition for production of bioactive compounds effective against <i>Penicillium</i> sp.. Pesticidi I Fitomedicina = Pesticides and Phytomedicine, 2018, 33, 27-37.	0.2	1
17	Formulation of medium for bactericides biosynthesis using wild type <i>Streptomyces</i> sp.. Chemical Industry and Chemical Engineering Quarterly, 2018, 24, 399-410.	0.7	1
18	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

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19	Multi-objective optimization of microfiltration of baker's yeast using genetic algorithm. <i>Acta Periodica Technologica</i> , 2017, , 211-220.	0.2	4
20	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
21	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
22	Production of nigericin and niphimycin by soil isolate <i>Streptomyces</i> sp. MS1: Anti-Candida bioassay guided response surface methodology for the optimized culture medium. <i>Facta Universitatis - Series Physics Chemistry and Technology</i> , 2017, 15, 1-16.	0.5	4
23	Xanthan production on wastewaters from wine industry. <i>Hemijska Industrija</i> , 2017, 71, 145-153.	0.7	10
24	Effect of nitrogen sources on the production of antifungal metabolites by <i>Streptomyces hygroscopicus</i> . <i>Zbornik Matice Srpske Za Prirodne Nauke</i> , 2017, , 183-191.	0.1	0
25	Flux intensification during microfiltration of distillery stillage using a kenics static mixer. <i>Acta Periodica Technologica</i> , 2017, , 285-293.	0.2	0
26	Optimization of the medium composition for production of antimicrobial substances by <i>Bacillus subtilis</i> ATCC 6633. <i>Acta Periodica Technologica</i> , 2017, , 245-259.	0.2	1
27	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
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	Glycerol as a carbon source for xanthan production by <i>Xanthomonas campestris</i> isolates. <i>Acta Periodica Technologica</i> , 2015, , 197-206.	0.2	1
30	Biosynthesis of components with antifungal activity against <i>Aspergillus</i> spp. using <i>Streptomyces hygroscopicus</i> . <i>Hemijska Industrija</i> , 2015, 69, 201-208.	0.7	1
31	Optimization of alcoholic fermentation using immobilized yeast cells in calcium alginate gel. <i>Acta Periodica Technologica</i> , 2015, , 207-218.	0.2	0
32	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
33	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
34	Chemometric Approach to Prediction of Antibacterial Agent Production by <i>Streptomyces hygroscopicus</i> . <i>Applied Biochemistry and Biotechnology</i> , 2014, 174, 534-541.	2.9	3
35	Effect of the initial glycerol concentration in the medium on the xanthan biosynthesis. <i>Acta Periodica Technologica</i> , 2014, , 239-246.	0.2	6
36	Optimization of medium composition for the production of compounds effective against <i>Xanthomonas campestris</i> by <i>Bacillus subtilis</i> . <i>Acta Periodica Technologica</i> , 2014, , 247-258.	0.2	4

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37	Optimization of cultivation medium for the production of antibacterial agents. <i>Acta Periodica Technologica</i> , 2013, , 217-227.	0.2	1
38	The contribution of bioethanol to sustainable development in Serbia. <i>Zbornik Matice Srpske Za Prirodne Nauke</i> , 2013, , 397-404.	0.1	0
39	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
40	Artificial neural network approach to modeling of alcoholic fermentation of thick juice from sugar beet processing. <i>Hemijska Industrija</i> , 2012, 66, 211-221.	0.7	7
41	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
42	Utilization of maltose enriched spent grains liquor for xanthan production. <i>Acta Periodica Technologica</i> , 2011, , 211-221.	0.2	4
43	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
44	The application of natural organic compounds in bakery industry. <i>Hemijska Industrija</i> , 2010, 64, 411-421.	0.7	2
45	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
46	Influence of dough freezing on <i>Saccharomyces cerevisiae</i> metabolism. <i>Zbornik Matice Srpske Za Prirodne Nauke</i> , 2007, , 293-301.	0.1	2
47	Production of ethanol from Kantata wheat variety. <i>Acta Periodica Technologica</i> , 2006, , 155-161.	0.2	6
48	Effect of fermentation conditions on content of phenolic compounds in red wine. <i>Acta Periodica Technologica</i> , 2005, , 61-70.	0.2	2
49	Influence of addition of amylase preparation to dough on fermentative activity of baker's yeast. <i>Zbornik Matice Srpske Za Prirodne Nauke</i> , 2005, , 217-227.	0.1	1
50	Activation of waste brewer's yeast <i>Saccharomyces cerevisiae</i> for bread production. <i>Zbornik Matice Srpske Za Prirodne Nauke</i> , 2005, , 247-254.	0.1	1
51	Investigation of zinc biosorption by brewer's yeast cells. <i>Zbornik Matice Srpske Za Prirodne Nauke</i> , 2005, , 239-245.	0.1	0
52	Utilization of wastewaters from red wine technology for xanthan production in laboratory bioreactor. <i>Journal of Food Processing and Preservation</i> , 0, , e15849.	2.0	1
53	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