

# SiniÅja DodiÄ

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

172  
citations

1478505

6  
h-index

1199594

12  
g-index

38  
all docs

38  
docs citations

38  
times ranked

165  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | 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        |
| 2  | Utilisation of winery wastewater for xanthan production in stirred tank bioreactor: Bioprocess modelling and optimisation. <i>Food and Bioproducts Processing</i> , 2019, 117, 113-125.  | 3.6 | 27        |
| 3  | Xanthan production on wastewaters from wine industry. <i>Hemijaska Industrija</i> , 2017, 71, 145-153.   | 0.7 | 10        |
| 4  | 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         |
| 5  | Optimization of the simultaneous production of cellulase and xylanase by submerged and solid-state fermentation of wheat chaff. <i>Journal of the Serbian Chemical Society</i> , 2020, 85, 177-189.  | 0.8 | 8         |
| 6  | 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         |
| 7  | Assessment of the effectiveness of policy implementation for sustainable energy development in Southeast Europe. <i>Journal of Renewable and Sustainable Energy</i> , 2011, 3, 062702.   | 2.0 | 6         |
| 8  | Exploitation of biogas power plant as "Clean Development Mechanism project, Vizelj, Serbia. <i>Journal of Renewable and Sustainable Energy</i> , 2011, 3, 052701.  | 2.0 | 6         |
| 9  | Production of ethanol from Kantata wheat variety. <i>Acta Periodica Technologica</i> , 2006, , 155-161.  | 0.2 | 6         |
| 10 | Effect of the initial glycerol concentration in the medium on the xanthan biosynthesis. <i>Acta Periodica Technologica</i> , 2014, , 239-246.  | 0.2 | 6         |
| 11 | Bioethanol Production from Spent Sugar Beet Pulp as "Process Modeling and Cost Analysis. <i>Fermentation</i> , 2022, 8, 114.   | 3.0 | 6         |
| 12 | 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         |
| 13 | 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         |
| 14 | 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         |
| 15 | Utilization of maltose enriched spent grains liquor for xanthan production. <i>Acta Periodica Technologica</i> , 2011, , 211-221.  | 0.2 | 4         |
| 16 | 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         |
| 17 | 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         |
| 18 | Potential of different <i>Xanthomonas campestris</i> strains for xanthan biosynthesis on waste glycerol from biodiesel production. <i>Journal on Processing and Energy in Agriculture</i> , 2020, 24, 62-66.   | 0.4 | 3         |

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|----|--|-----|-----------|
| 19 | Optimisation of xanthan production on glycerol-based medium using response surface methodology. Brazilian Journal of Chemical Engineering, 2020, 37, 617-627.  | 1.3 | 2         |
| 20 | Effect of fermentation conditions on content of phenolic compounds in red wine. Acta Periodica Technologica, 2005, , 61-70.  | 0.2 | 2         |
| 21 | The application of natural organic compounds in bakery industry. Hemijska Industrija, 2010, 64, 411-421.   | 0.7 | 2         |
| 22 | Influence of dough freezing on <i>Saccharomyces cerevisiae</i> metabolism. Zbornik Matice Srpske Za Prirodne Nauke, 2007, , 293-301.   | 0.1 | 2         |
| 23 | Glycerol as a carbon source for xanthan production by <i>Xanthomonas campestris</i> isolates. Acta Periodica Technologica, 2015, , 197-206.  | 0.2 | 1         |
| 24 | 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         |
| 25 | 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         |
| 26 | 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         |
| 27 | Activation of waste brewer's yeast <i>Saccharomyces cerevisiae</i> for bread production. Zbornik Matice Srpske Za Prirodne Nauke, 2005, , 247-254.   | 0.1 | 1         |
| 28 | Effect of different inoculum preparation conditions on the biomass growth and antimicrobial activity of <i>Bacillus</i> sp.. Journal on Processing and Energy in Agriculture, 2019, 23, 96-100.                | 0.4 | 1         |
| 29 | Optimization of the medium composition for production of antimicrobial substances by <i>Bacillus subtilis</i> ATCC 6633. Acta Periodica Technologica, 2017, , 245-259.   | 0.2 | 1         |
| 30 | Investigation of zinc biosorption by brewer's yeast cells. Zbornik Matice Srpske Za Prirodne Nauke, 2005, , 239-245.   | 0.1 | 0         |
| 31 | The contribution of bioethanol to sustainable development in Serbia. Zbornik Matice Srpske Za Prirodne Nauke, 2013, , 397-404.   | 0.1 | 0         |
| 32 | Optimization of alcoholic fermentation using immobilized yeast cells in calcium alginate gel. Acta Periodica Technologica, 2015, , 207-218.  | 0.2 | 0         |
| 33 | Effect of nitrogen sources on the production of antifungal metabolites by <i>Streptomyces hygroscopicus</i> . Zbornik Matice Srpske Za Prirodne Nauke, 2017, , 183-191.  | 0.1 | 0         |
| 34 | 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         |
| 35 | Liquid effluents of bioethanol production from various raw materials as media for xanthan biosynthesis. Journal on Processing and Energy in Agriculture, 2018, 22, 170-173.                                    | 0.4 | 0         |
| 36 | Kinetic analysis of alcoholic fermentation using intermediate and by-products of sugar beet processing in laboratory bioreactor. Journal on Processing and Energy in Agriculture, 2019, 23, 132-137.           | 0.4 | 0         |

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|----|---|-----|-----------|
| 37 | Production of biobactericides for crucifers Black rot control: Effect of nitrogen sources. Food and Feed Research, 2020, 47, 13-22. | 0.5 | 0         |
| 38 | Sustainable management of waste-to-energy in Republic of Srpska. Acta Periodica Technologica, 2021, , 203-216.                      | 0.2 | 0         |