

Predrag S KojiÄ

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

293
citations

840776

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28
all docs

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docs citations

28
times ranked

307
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | The garlic (<i>A. sativum</i> L.) extracts food grade W 1 /O/W 2 emulsions prepared by homogenization and stirred cell membrane emulsification. <i>Journal of Food Engineering</i> , 2017, 205, 1-11. | 5.2 | 31 |
| 2 | A review of environmentally friendly rubber production using different vegetable oils. <i>Polymer Engineering and Science</i> , 2020, 60, 1097-1117. | 3.1 | 30 |
| 3 | Enhanced mass transfer in a novel external-loop airlift reactor with self-agitated impellers. <i>Biochemical Engineering Journal</i> , 2017, 118, 53-63. | 3.6 | 23 |
| 4 | Discrete element model of particle transport and premixing action in modified screw conveyors. <i>Powder Technology</i> , 2018, 336, 255-264. | 4.2 | 23 |
| 5 | Kinetic modelling of ultrasound-assisted extraction of phenolics from cereal brans. <i>Ultrasonics Sonochemistry</i> , 2021, 79, 105761. | 8.2 | 23 |
| 6 | Multiobjective process optimization for betaine enriched spelt flour based extrudates. <i>Journal of Food Process Engineering</i> , 2019, 42, e12942. | 2.9 | 18 |
| 7 | Influence of the Sparger Type and Added Alcohol on the Gas Holdup of an External-loop Airlift Reactor. <i>Chemical Engineering and Technology</i> , 2015, 38, 701-708. | 1.5 | 17 |
| 8 | Predicting hydrodynamic parameters and volumetric gas-liquid mass transfer coefficient in an external-loop airlift reactor by support vector regression. <i>Chemical Engineering Research and Design</i> , 2017, 125, 398-407. | 5.6 | 17 |
| 9 | Sparger Type Influence on the Hydrodynamics of the Draft Tube Airlift Reactor with Diluted Alcohol Solutions. <i>Industrial & Engineering Chemistry Research</i> , 2011, 50, 3580-3591. | 3.7 | 13 |
| 10 | Enhanced hydrodynamics in a novel external-loop airlift reactor with self-agitated impellers. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 68, 40-50. | 5.3 | 12 |
| 11 | A rapid discrimination of wheat, walnut and hazelnut flour samples using chemometric algorithms on GC/MS data. <i>Journal of Food Measurement and Characterization</i> , 2019, 13, 2961-2969. | 3.2 | 12 |
| 12 | Sparger Type Influence on the Volumetric Mass Transfer Coefficient in the Draft Tube Airlift Reactor with Diluted Alcohol Solutions. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 6812-6821. | 3.7 | 9 |
| 13 | Blending performance of the coupled Ross static mixer and vertical feed mixer - Discrete element model approach. <i>Powder Technology</i> , 2020, 375, 20-27. | 4.2 | 9 |
| 14 | Hydrodynamics of an external-loop airlift reactor with inserted membrane. <i>Brazilian Journal of Chemical Engineering</i> , 2017, 34, 493-505. | 1.3 | 8 |
| 15 | Textural, Color and Sensory Features of Spelt Wholegrain Snack Enriched with Betaine. <i>Foods</i> , 2022, 11, 475. | 4.3 | 7 |
| 16 | Frost Action Mechanisms of Clay Roofing Tiles: Case Study. <i>Journal of Materials in Civil Engineering</i> , 2012, 24, 1254-1260. | 2.9 | 6 |
| 17 | Hydrodynamics of a self-agitated draft tube airlift reactor. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2014, 20, 59-69. | 0.7 | 5 |
| 18 | A new approach for kinetic modeling and optimization of rubber molding. <i>Polymer Engineering and Science</i> , 2021, 61, 879-890. | 3.1 | 5 |

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|----|--|-----|-----------|
| 19 | Volumetric gas-liquid mass transfer coefficient in an external-loop airlift reactor with inserted membrane. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2016, 22, 275-284. | 0.7 | 5 |
| 20 | Chemical structure and antifungal activity of mint essential oil components. <i>Journal of the Serbian Chemical Society</i> , 2020, 85, 1149-1161. | 0.8 | 5 |
| 21 | Prediction of rubber vulcanization using an artificial neural network. <i>Hemijska Industrija</i> , 2021, 75, 277-283. | 0.7 | 5 |
| 22 | 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 |
| 23 | Continuous adsorption of methylene blue dye on the maize stem ground tissue. <i>Acta Periodica Technologica</i> , 2017, , 127-139. | 0.2 | 3 |
| 24 | Prediction of the GC-MS retention time for terpenoids detected in sage (<i>Salvia officinalis</i> L.) essential oil using QSRR approach. <i>Journal of the Serbian Chemical Society</i> , 2020, 85, 9-23. | 0.8 | 2 |
| 25 | Experimental and Discrete Element Model Investigation of Limestone Aggregate Blending Process in Vertical Static and/or Conveyor Mixer for Application in the Concrete Mixture. <i>Processes</i> , 2021, 9, 1991. | 2.8 | 2 |
| 26 | Numerical study of the hydrodynamics and mass transfer in the external loop airlift reactor. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2022, 28, 225-235. | 0.7 | 0 |
| 27 | Simple correlations for bubble columns and draft tube airlift reactors with dilute alcohol solutions. <i>Acta Periodica Technologica</i> , 2009, , 183-192. | 0.2 | 0 |
| 28 | The novel modeling approach for the study of thermal degradation of PMMA/nanooxide systems. <i>Macedonian Journal of Chemistry and Chemical Engineering</i> , 2019, 38, 95. | 0.6 | 0 |