

Milan Tomic

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

302
citations

840776

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888059

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all docs

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docs citations

19
times ranked

381
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Reduction of free fatty acids in waste oil for biodiesel production by glycerolysis: investigation and optimization of process parameters. <i>Green Processing and Synthesis</i> , 2019, 8, 15-23. | 3.4 | 35 |
| 2 | Effects of fossil diesel and biodiesel blends on the performances and emissions of agricultural tractor engines. <i>Thermal Science</i> , 2013, 17, 263-278. | 1.1 | 34 |
| 3 | Power delivery efficiency of a wheeled tractor at oblique drawbar force. <i>Soil and Tillage Research</i> , 2014, 141, 32-43. | 5.6 | 34 |
| 4 | Current state of the biodiesel production and the indigenous feedstock potential in Serbia. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 81, 280-291. | 16.4 | 32 |
| 5 | Possibility of using biodiesel from sunflower oil as an additive for the improvement of lubrication properties of low-sulfur diesel fuel. <i>Energy</i> , 2014, 65, 101-108. | 8.8 | 26 |
| 6 | Significance of the structural properties of CaO catalyst in the production of biodiesel: An effect on the reduction of greenhouse gases emission. <i>Hemijaska Industrija</i> , 2014, 68, 399-412. | 0.7 | 21 |
| 7 | Comparative Study of Subcritical Water and Microwave-Assisted Extraction Techniques Impact on the Phenolic Compounds and 5-Hydroxymethylfurfural Content in Pomegranate Peel. <i>Plant Foods for Human Nutrition</i> , 2020, 75, 553-560. | 3.2 | 20 |
| 8 | Valorization of Yarrow (<i>Achillea millefolium</i> L.) By-Product through Application of Subcritical Water Extraction. <i>Molecules</i> , 2020, 25, 1878. | 3.8 | 16 |
| 9 | Economic and environmental performance of oil transesterification in supercritical methanol at different reaction conditions: Experimental study with a batch reactor. <i>Energy Conversion and Management</i> , 2015, 99, 8-19. | 9.2 | 15 |
| 10 | Biogenic fraction determination in fuels – Optimal parameters survey. <i>Fuel</i> , 2017, 191, 330-338. | 6.4 | 13 |
| 11 | Spray Drying of a Subcritical Extract Using <i>Marrubium vulgare</i> as a Method of Choice for Obtaining High Quality Powder. <i>Pharmaceutics</i> , 2019, 11, 523. | 4.5 | 12 |
| 12 | Efficiency of Small Scale Manually Fed Boilers – Mathematical Models. <i>Energies</i> , 2012, 5, 1470-1489. | 3.1 | 9 |
| 13 | Comparative Chemical Profiling of Underexploited <i>Arctostaphylos uva-ursi</i> L. Herbal Dust Extracts Obtained by Conventional, Ultrasound-Assisted and Subcritical Water Extractions. <i>Waste and Biomass Valorization</i> , 2022, 13, 4147-4155. | 3.4 | 8 |
| 14 | <i>Koeleruteria paniculata</i> invasiveness, yielding capacity and harvest date influence on biodiesel feedstock properties. <i>Journal of Environmental Management</i> , 2021, 295, 113102. | 7.8 | 7 |
| 15 | Improvement of low-temperature characteristics of biodiesel by additivation. <i>Hemijaska Industrija</i> , 2019, 73, 103-114. | 0.7 | 6 |
| 16 | Biodiesel from rapeseed variety "Banacanka" using KOH catalyst. <i>Hemijaska Industrija</i> , 2013, 67, 629-637. | 0.7 | 5 |
| 17 | Profit maximisation algorithm including the loss of yield due to uncertain weather events during harvest. <i>Biosystems Engineering</i> , 2014, 123, 56-67. | 4.3 | 4 |
| 18 | Assessment of Technical and Ecological Parameters of a Diesel Engine in the Application of New Samples of Biofuels. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 1. | 2.6 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Efficiency of different additives in the improvement of the oxidation stability of fatty acid methyl esters with different properties. Journal of the Serbian Chemical Society, 2021, 86, 739-752. | 0.8 | 1 |