

# Milan Tomic

## List of Publications by Year in descending order

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19  
papers

302  
citations

840776

11  
h-index

888059

17  
g-index

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all docs

19  
docs citations

19  
times ranked

381  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Efficiency of different additives in the improvement of the oxidation stability of fatty acid methyl esters with different properties. <i>Journal of the Serbian Chemical Society</i> , 2021, 86, 739-752.	0.8	1
4	<i>Koelreuteria 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
5	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
6	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
7	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
8	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
9	Improvement of low-temperature characteristics of biodiesel by additivation. <i>Hemijska Industrija</i> , 2019, 73, 103-114.	0.7	6
10	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
11	Biogenic fraction determination in fuels – Optimal parameters survey. <i>Fuel</i> , 2017, 191, 330-338.	6.4	13
12	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
13	Power delivery efficiency of a wheeled tractor at oblique drawbar force. <i>Soil and Tillage Research</i> , 2014, 141, 32-43.	5.6	34
14	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
15	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
16	Significance of the structural properties of CaO catalyst in the production of biodiesel: An effect on the reduction of greenhouse gases emission. <i>Hemijska Industrija</i> , 2014, 68, 399-412.	0.7	21
17	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
18	Biodiesel from rapeseed variety "Banacanka" using KOH catalyst. <i>Hemijska Industrija</i> , 2013, 67, 629-637.	0.7	5

#	ARTICLE	IF	CITATIONS
19	Efficiency of Small Scale Manually Fed Boilers –Mathematical Models. Energies, 2012, 5, 1470-1489.	3.1	9