

Mevlânâ Arslan

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

415
citations

1163117

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h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

400
citing authors

#	ARTICLE	IF	CITATIONS
1	The production of methyl ester from industrial grade hemp (<i>Cannabis sativa</i> L.) seed oil: a perspective of Turkey – the optimization study using the Taguchi method. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 9955-9975.	4.6	7
2	Effect of phase change material on thermal stratification of solar hot water tank with a mantle: A numerical analysis. <i>Journal of Energy Storage</i> , 2022, 52, 105078.	8.1	4
3	The industrial-grade hemp (<i>Cannabis sativa</i> L.) seed oil biodiesel application in a diesel engine: combustion, harmful pollutants, and performance characteristics. , 2022, 77, 15.		1
4	Numerical analysis of solidification of PCM in a closed vertical cylinder for thermal energy storage applications. <i>Heat and Mass Transfer</i> , 2020, 56, 2909-2922.	2.1	13
5	Analysis of the fuel injection pressure effects on energy and exergy efficiencies of a diesel engine operating with biodiesel. <i>Biofuels</i> , 2019, 10, 643-655.	2.4	40
6	Application of response surface methodology for the optimization of biodiesel production from yellow mustard (<i>Sinapis alba</i> L.) seed oil. <i>International Journal of Green Energy</i> , 2019, 16, 60-71.	3.8	47
7	A comparative analysis of the engine performance, exhaust emissions and combustion behaviors of a compression ignition engine fuelled with biodiesel/diesel/1-butanol (C4 alcohol) and biodiesel/diesel/n-pentanol (C5 alcohol) fuel blends. <i>Energy</i> , 2018, 165, 1332-1351.	8.8	111
8	Comparison of empirical equations and artificial neural network results in terms of kinematic viscosity prediction of fuels based on hazelnut oil methyl ester. <i>Environmental Progress and Sustainable Energy</i> , 2016, 35, 1827-1841.	2.3	8
9	Performance analysis of single and double basin-inclined solar water distillation systems with and without black-fleece wick. <i>Desalination and Water Treatment</i> , 2016, 57, 17167-17181.	1.0	11
10	Thermal performance of a vertical solar hot water storage tank with a mantle heat exchanger depending on the discharging operation parameters. <i>Solar Energy</i> , 2015, 116, 184-204.	6.1	35
11	Optimum Dimensions of an Obstacle Placed in a Hot Water Tank for Thermal Stratification. <i>Energy Exploration and Exploitation</i> , 2005, 23, 357-373.	2.3	6
12	Effect of obstacles on thermal stratification in hot water storage tanks. <i>Applied Thermal Engineering</i> , 2005, 25, 2285-2298.	6.0	132