

Mevlânâ Arslan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11878872/publications.pdf>

Version: 2024-02-01

12
papers

415
citations

1163117

8
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

400
citing authors

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