

Vinoth Thangarasu

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

198
citations

1478505

6
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

190
citing authors

#	ARTICLE	IF	CITATIONS
1	Artificial neural network approach on forecasting diesel engine characteristics fuelled with waste frying oil biodiesel. <i>Applied Energy</i> , 2020, 263, 114612.	10.1	55
2	Modeling of process intensification of biodiesel production from Aegle Marmelos Correa seed oil using microreactor assisted with ultrasonic mixing. <i>Ultrasonics Sonochemistry</i> , 2020, 60, 104764.	8.2	47
3	A critical review of recent advancements in continuous flow reactors and prominent integrated microreactors for biodiesel production. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 154, 111869.	16.4	27
4	Experimental investigation of tribo-corrosion and engine characteristics of Aegle Marmelos Correa biodiesel and its diesel blends on direct injection diesel engine. <i>Energy</i> , 2019, 171, 879-892.	8.8	18
5	Artificial neural network approach for parametric investigation of biodiesel synthesis using biocatalyst and engine characteristics of diesel engine fuelled with Aegle Marmelos Correa biodiesel. <i>Energy</i> , 2021, 230, 120738.	8.8	16
6	Physicochemical fuel properties and tribological behavior of aegle marmelos correa biodiesel. , 2019, , 309-336.		14
7	Experimental and empirical analysis of a diesel engine fuelled with ternary blends of diesel, waste cooking sunflower oil biodiesel and diethyl ether. <i>Fuel</i> , 2022, 320, 123961.	6.4	12
8	Effect of high-frequency microwave irradiation on Aegle Marmelos Correa oil extraction: kinetic and thermodynamic study. <i>Energy Procedia</i> , 2019, 158, 1046-1051.	1.8	6
9	Production of biodiesel from Aegle marmelos correa seed oil for fuel cell application. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 312, 012018.	0.3	2