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List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

167
citations

1307594

7
h-index

1372567

10
g-index

15
all docs

15
docs citations

15
times ranked

169
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of pure biodiesel fuel on the service life of engine-lubricant: A case study. Fuel, 2020, 261, 116418.	6.4	11
2	A new model for predicting antiknock quality of hydrocarbon fuel blends. Fuel, 2019, 235, 208-217.	6.4	2
3	Volumetric efficiency optimization of a single-cylinder D.I. diesel engine using differential evolution algorithm. Applied Thermal Engineering, 2016, 108, 660-669.	6.0	19
4	Development and experimental validation of a computational model for the analysis of transient events in a natural gas distribution network. Canadian Journal of Chemical Engineering, 2014, 92, 1776-1782.	1.7	0
5	A Methodology for Calculating the Natural Gas Compressibility Factor for a Distribution Network. Petroleum Science and Technology, 2014, 32, 2616-2624.	1.5	12
6	Performance impact of the application of castor oil biodiesel in diesel engines. Engenharia Agricola, 2013, 33, 1165-1171.	0.7	6
7	Notes on a methodology for combustion detection in diesel engines through in-cylinder pressure derivative signal. Mechanical Systems and Signal Processing, 2011, 25, 3209-3210.	8.0	2
8	Heat release and engine performance effects of soybean oil ethyl ester blending into diesel fuel. Energy, 2011, 36, 3907-3916.	8.8	46
9	A new engine indicating measurement procedure for combustion heat release analysis. Applied Thermal Engineering, 2009, 29, 1657-1675.	6.0	31
10	Effect of soybean oil ethyl ester/diesel fuel blends on engine efficiency. International Journal of Vehicle Design, 2009, 50, 229.	0.3	9
11	Exergoeconomic optimisation of a Kalina cycle for power generation. International Journal of Exergy, 2004, 1, 18.	0.4	15
12	Simulation of Admission and Exhaust Processes in Diesel Engines. , 1996, , .		1
13	Computational Model for Simulation of Processes in Diesel Engines. , 1995, , .		3
14	Analysis of the Irreversibilities in Diesel Engines. , 0, , .		10
15	Exergy Based Diagnosis of In-Cylinder Diesel Engine. , 0, , .		0