

Jun Kong

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14
papers

893
citations

5
h-index

17
g-index

17
ext. papers

1,010
ext. citations

5.6
avg, IF

4.21
L-index

#	Paper	IF	Citations
14	Progress and recent trends in homogeneous charge compression ignition (HCCI) engines. <i>Progress in Energy and Combustion Science</i> , 2009 , 35, 398-437	33.6	849
13	Solution Processed Cu(In,Ga)(S,Se) ₂ Solar Cells with 15.25% Efficiency by Surface Sulfurization. <i>ACS Applied Energy Materials</i> , 2020 , 3, 6785-6792	6.1	11
12	Experimental Study of Autoignition Characteristics of the Ethanol Effect on Biodiesel/n-Heptane Blend in a Motored Engine and a Constant-Volume Combustion Chamber. <i>Energy & Fuels</i> , 2018 , 32, 1884-1892	4.1	9
11	Numerical Simulation on Combustion and Emission Processes of Premixed/Direct-Injected Fuel Stratification Combustion. <i>International Journal of Green Energy</i> , 2010 , 7, 498-515	3	6
10	Production of encapsulated creatinase using yeast spores. <i>Bioengineered</i> , 2017 , 8, 411-419	5.7	5
9	Method for determining gasoline surrogate component proportions and development of reduced chemical kinetics model of the determined surrogate fuel. <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> , 2019 , 233, 3658-3670	1.4	3
8	Consecutive hydrolysis of creatinine using creatininase and creatinase encapsulated in <i>Saccharomyces cerevisiae</i> spores. <i>Biotechnology Letters</i> , 2017 , 39, 261-267	3	2
7	A Simulation Study of Water Injection Position and Pressure on the Knock, Combustion, and Emissions of a Direct Injection Gasoline Engine. <i>ACS Omega</i> , 2021 , 6, 18033-18053	3.9	2
6	Chemical Kinetic Model of Multicomponent Gasoline Surrogate Fuel with Nitric Oxide in HCCI Combustion. <i>Molecules</i> , 2020 , 25,	4.8	1
5	Effect of Water Injection Timing on the Combustion and Emissions of a Direct Injection Gasoline Engine. <i>Energy Technology</i> , 2021 , 9, 2001064	3.5	1
4	Construction of reduced mechanism and prediction of the RON of toluene primary reference fuel/ethanol/diisobutylene. <i>Renewable Energy</i> , 2021 , 172, 862-881	8.1	1
3	On the fifth-order Stokes solution for steady water waves. <i>China Ocean Engineering</i> , 2016 , 30, 794-810	1.1	1
2	Construction and Validation of a Five-Component Fuel Simplification Mechanism for Homogeneous Charge Compression Ignition Engine. <i>Energy & Fuels</i> , 2019 , 33, 574-584	4.1	1
1	Effects of Piston Shape on the Performance of a Gasoline Direct Injection Engine.. <i>ACS Omega</i> , 2021 , 6, 34635-34649	3.9	0