

Bheru Lal Salvi

List of Publications by Year in Descending Order

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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.

23
papers

654
citations

11
h-index

25
g-index

29
ext. papers

807
ext. citations

5
avg, IF

4.78
L-index

#	Paper	IF	Citations
23	Computational Fluid Dynamic Analysis of Cyclone Separator for Flue Gas Cleaning by Using Standard k-Epsilon Model. <i>Lecture Notes in Mechanical Engineering</i> , 2022 , 25-34	0.4	
22	Transesterification methods 2022 , 117-151		1
21	A novel approach for experimental study and numerical modeling of combustion characteristics of a hydrogen fuelled spark ignition engine. <i>Sustainable Energy Technologies and Assessments</i> , 2022 , 51, 101972	4.7	1
20	Design improvement and experimental study on shell and tube condenser for bio-oil recovery from fast pyrolysis of wheat straw biomass. <i>SN Applied Sciences</i> , 2021 , 3, 1	1.8	
19	Comprehensive review on pyrolytic oil production, upgrading and its utilization. <i>Journal of Material Cycles and Waste Management</i> , 2020 , 22, 1712-1722	3.4	26
18	Experimental investigation on the production of bio-oil from wheat straw. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2020 , 1-16	1.6	10
17	Thermogravimetric studies on co-pyrolysis of raw/torrefied biomass and coal blends. <i>Waste Management and Research</i> , 2020 , 38, 1259-1268	4	4
16	Comprehensive review on production and utilization of biochar. <i>SN Applied Sciences</i> , 2019 , 1, 1	1.8	54
15	Recent developments and challenges ahead in carbon capture and sequestration technologies. <i>SN Applied Sciences</i> , 2019 , 1, 1	1.8	18
14	Experimental investigation on effects of exhaust gas recirculation on flame kernel growth rate in a hydrogen fuelled spark ignition engine. <i>Applied Thermal Engineering</i> , 2016 , 107, 48-54	5.8	18
13	Experimental investigation on effects of compression ratio and exhaust gas recirculation on backfire, performance and emission characteristics in a hydrogen fuelled spark ignition engine. <i>International Journal of Hydrogen Energy</i> , 2016 , 41, 5842-5855	6.7	50
12	A Numerical Simulation of Analysis of Backfiring Phenomena in a Hydrogen-Fueled Spark Ignition Engine. <i>Journal of Engineering for Gas Turbines and Power</i> , 2016 , 138,	1.7	9
11	Thermal degradation and gasification characteristics of Tung Shells as an open top downdraft wood gasifier feedstock. <i>Clean Technologies and Environmental Policy</i> , 2015 , 17, 1699-1706	4.3	10
10	Sustainable development of road transportation sector using hydrogen energy system. <i>Renewable and Sustainable Energy Reviews</i> , 2015 , 51, 1132-1155	16.2	122
9	Experimental investigation and phenomenological model development of flame kernel growth rate in a gasoline fuelled spark ignition engine. <i>Applied Energy</i> , 2015 , 139, 93-103	10.7	25
8	A Numerical Simulation of Analysis of Backfiring Phenomena in a Hydrogen Fuelled Spark Ignition Engine 2015 ,		2
7	A Comparative Study of Engine Performance and Exhaust Emissions Characteristics of Linseed Oil Biodiesel Blends with Diesel Fuel in a Direct Injection Diesel Engine. <i>Journal of the Institution of Engineers (India): Series C</i> , 2013 , 94, 1-8	0.9	4

6	Alternative fuels for transportation vehicles: A technical review. <i>Renewable and Sustainable Energy Reviews</i> , 2013 , 25, 404-419	16.2	134
5	Biodiesel resources and production technologies – A review. <i>Renewable and Sustainable Energy Reviews</i> , 2012 , 16, 3680-3689	16.2	134
4	Sustainability aspects and optimization of linseed biodiesel blends for compression ignition engine. <i>Journal of Renewable and Sustainable Energy</i> , 2012 , 4, 043111	2.5	16
3	Thermal performance of a focusing type collector for paraffin wax melting. <i>Journal of Renewable and Sustainable Energy</i> , 2012 , 4, 023114	2.5	1
2	Performance evaluation of producer gas burner for industrial application. <i>Biomass and Bioenergy</i> , 2011 , 35, 1373-1377	5.3	13
1	Experimental investigation of producer gas burner for thermal application. <i>International Journal of Sustainable Energy</i> , 2011 , 30, 376-384	2.7	2