Bheru Lal Salvi

List of Publications by Year
in descending order

28	986	759190 12	794568 19
papers	citations	h-index	g-index

29	29	29	1215
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sustainable development of road transportation sector using hydrogen energy system. Renewable and Sustainable Energy Reviews, 2015, 51, 1132-1155.	16.4	188
2	Alternative fuels for transportation vehicles: A technical review. Renewable and Sustainable Energy Reviews, 2013, 25, 404-419.	16.4	172
3	Biodiesel resources and production technologies â€“ A review. Renewable and Sustainable Energy Reviews, 2012, 16, 3680-3689.	16.4	162
4	Comprehensive review on production and utilization of biochar. SN Applied Sciences, 2019, 1, 1.	2.9	123
5	Experimental investigation on effects of compression ratio and exhaust gas recirculation on backfire, performance and emission characteristics in a hydrogen fuelled spark ignition engine. International Journal of Hydrogen Energy, 2016, 41, 5842-5855.	7.1	63
6	Recent developments and challenges ahead in carbon capture and sequestration technologies. SN Applied Sciences, 2019, 1, 1.	2.9	57
7	Comprehensive review on pyrolytic oil production, upgrading and its utilization. Journal of Material Cycles and Waste Management, 2020, 22, 1712-1722.	3.0	48
8	Experimental investigation and phenomenological model development of flame kernel growth rate in a gasoline fuelled spark ignition engine. Applied Energy, 2015, 139, 93-103.	10.1	33
9	Experimental investigation on effects of exhaust gas recirculation on flame kernel growth rate in a hydrogen fuelled spark ignition engine. Applied Thermal Engineering, 2016, 107, 48-54.	6.0	25
10	Performance evaluation of producer gas burner for industrial application. Biomass and Bioenergy, 2011, 35, 1373-1377.	5.7	20
11	Sustainability aspects and optimization of linseed biodiesel blends for compression ignition engine. Journal of Renewable and Sustainable Energy, 2012, 4, .	2.0	18
12	Experimental investigation on the production of bio-oil from wheat straw. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-16.	2.3	14
13	Thermal degradation and gasification characteristics of Tung Shells as an open top downdraft wood gasifier feedstock. Clean Technologies and Environmental Policy, 2015, 17, 1699-1706.	4.1	13
14	A Numerical Simulation of Analysis of Backfiring Phenomena in a Hydrogen-Fueled Spark Ignition Engine. Journal of Engineering for Gas Turbines and Power, 2016, 138, .	1.1	12
15	Thermogravimetric studies on co-pyrolysis of raw/torrefied biomass and coal blends. Waste Management and Research, 2020, 38, 1259-1268.	3.9	12
16	A Comparative Study of Engine Performance and Exhaust Emissions Characteristics of Linseed Oil Biodiesel Blends with Diesel Fuel in a Direct Injection Diesel Engine. Journal of the Institution of Engineers (India): Series C, 2013, 94, 1-8.	1.2	10
17	Experimental investigation of producer gas burner for thermal application. International Journal of Sustainable Energy, 2011, 30, 376-384.	2.4	6
18	A novel approach for experimental study and numerical modeling of combustion characteristics of a hydrogen fuelled spark ignition engine. Sustainable Energy Technologies and Assessments, 2022, 51, 101972.	2.7	4

#	Article	IF	Citations
19	A Numerical Simulation of Analysis of Backfiring Phenomena in a Hydrogen Fuelled Spark Ignition Engine. , 2015, , .		2
20	Thermal performance of a focusing type collector for paraffin wax melting. Journal of Renewable and Sustainable Energy, 2012, 4, 023114.	2.0	1
21	Design improvement and experimental study on shell and tube condenser for bio-oil recovery from fast pyrolysis of wheat straw biomass. SN Applied Sciences, 2021, 3, 1.	2.9	1
22	A computational fluid dynamics study of a condenser for condensation of bio-oil vapour from fast pyrolysis of biomass. International Journal of Renewable Energy Technology, 2020, 11, 335.	0.3	1
23	Transesterification methods. , 2022, , 117-151.		1
24	Experimental Investigation on Energy Recovery System for Continuous Biochar Production System. International Journal of Environment and Climate Change, 0, , 300-310.	0.0	0
25	A computational fluid dynamics study of condenser for condensation of bio-oil vapour from fast pyrolysis of biomass. International Journal of Renewable Energy Technology, 2020, 11, 1.	0.3	0
26	Study on production, characterisation and utilisation of neem biodiesel as green fuel for compression ignition engine. International Journal of Renewable Energy Technology, 2020, 11, 207.	0.3	0
27	Study on production, characterisation and utilisation of neem biodiesel as green fuel for compression ignition engine. International Journal of Renewable Energy Technology, 2020, 11, 207.	0.3	0
28	Numerical Analysis and Feasibility Study of Compressed Biosyngas Cylinders for Automobile Application. International Journal of Mechanical Engineering, 2021, 8, 5-12.	0.2	0