Raghubansh Kumar Kumar Singh

List of Publications by Year
in descending order

30 papers	2,698 citations	394421 19 h-index	454955 30 g-index
30 all docs	30 docs citations	30 times ranked	2519 citing authors

#	Article	IF	Citations
1	Production and characterization of the maximum liquid product obtained from co-pyrolysis of sugarcane bagasse and thermocol waste. Cellulose, 2021, 28, 4223-4239.	4.9	10
2	Bio-diesel production from airborne algae. Environmental Challenges, 2021, 5, 100210.	4.2	4
3	Biofuel and co-products from algae solvent extraction. Journal of Environmental Management, 2019, 247, 196-204.	7.8	18
4	Mahua seed pyrolysis oil blends as an alternative fuel for light-duty diesel engines. Energy, 2017, 118, 600-612.	8.8	71
5	Open encapsulation-vitrification for cryopreservation of algae. Cryobiology, 2016, 73, 232-239.	0.7	17
6	Valorization of Jatropha seed to fuel and chemical feedstock using a thermochemical conversion process. Biofuels, 2016, 7, 429-435.	2.4	11
7	Co-pyrolysis of sugarcane bagasse and low-density polyethylene: Influence of plastic on pyrolysis product yield. Fuel, 2016, 185, 508-516.	6.4	138
8	Pyrolysis of Mahua seed (Madhuca indica) â€“ Production of biofuel and its characterization. Energy Conversion and Management, 2016, 108, 529-538.	9.2	106
9	Exhaustive study of products obtained from coconut shell pyrolysis. Journal of Environmental Chemical Engineering, 2016, 4, 3696-3705.	6.7	109
10	Thermolysis of Medical Waste (Waste Syringe) to Liquid Fuel Using Semi Batch Reactor. Waste and Biomass Valorization, 2015, 6, 507-514.	3.4	19
11	Conversion of waste polypropylene to liquid fuel using acid-activated kaolin. Waste Management and Research, 2014, 32, 997-1004.	3.9	12
12	The Use of Mustard Cake Pyrolytic Oil Blends as Fuel in a Diesel Engine. Waste and Biomass Valorization, 2014, 5, 661-668.	3.4	20
13	Optimization of process parameters by response surface methodology (RSM) for catalytic pyrolysis of waste high-density polyethylene to liquid fuel. Journal of Environmental Chemical Engineering, 2014, 2, 115-122.	6.7	52
14	Thermo-catalytic degradation of low density polyethylene to liquid fuel over kaolin catalyst. International Journal of Environment and Waste Management, 2014, 13, 104.	0.3	13
15	Production of biofuel and biochar by thermal pyrolysis of linseed seed. Biomass Conversion and Biorefinery, 2013, 3, 327-335.	4.6	36
16	Experimental investigation on a diesel engine fueled with bio-oil derived from waste woodâ€“biodiesel emulsions. Energy, 2013, 55, 610-618.	8.8	93
17	Production of the liquid fuel by thermal pyrolysis of neem seed. Fuel, 2013, 103, 437-443.	6.4	99
18	Performance and emission analysis of blends of waste plastic oil obtained by catalytic pyrolysis of waste HDPE with diesel in a CI engine. Energy Conversion and Management, 2013, 74, 323-331.	9.2	207

#	Article	IF	Citations
19	An Experimental Investigation on a Diesel Engine Fueled by Biodiesel and its Emulsions with Wood Pyrolysis Oil. International Journal of Green Energy, 2012, 9, 749-765.	3.8	12
20	Production of bio-oil from de-oiled cakes by thermal pyrolysis. Fuel, 2012, 96, 579-585.	6.4	101
21	Thermolysis of polanga seed cake to bio-oil using semi batch reactor. Fuel, 2012, 97, 450-456.	6.4	45
22	Performance and emission analysis of blends of karanja methyl ester with diesel in a compression ignition engine. International Journal of Ambient Energy, 2011, 32, 161-166.	2.5	13
23	Recovery of hydrocarbon liquid from waste high density polyethylene by thermal pyrolysis. Brazilian Journal of Chemical Engineering, 2011, 28, 659-667.	1.3	196
24	Catalytic performances of kaoline and silica alumina in the thermal degradation of polypropylene. Journal of Fuel Chemistry and Technology, 2011, 39, 198-202.	2.0	76
25	Liquid fuel from castor seeds by pyrolysis. Fuel, 2011, 90, 2538-2544.	6.4	115
26	A review on tertiary recycling of high-density polyethylene to fuel. Resources, Conservation and Recycling, 2011, 55, 893-910.	10.8	337
27	Thermolysis of waste plastics to liquid fuelA suitable method for plastic waste management and manufacture of value added productsâ€”A world prospective. Renewable and Sustainable Energy Reviews, 2010, 14, 233-248.	16.4	668
28	Optimization of process for the production of bio-oil from eucalyptus wood. Journal of Fuel Chemistry and Technology, 2010, 38, 162-167.	2.0	45
29	Prediction of minimum bubbling velocity, fluidization index and range of particulate fluidization for gasâ€“solid fluidization in cylindrical and non-cylindrical beds. Powder Technology, 2005, 159, 168-172.	4.2	32
30	Prediction of minimum velocity and minimum bed pressure drop for gasâ€solid fluidization in conical conduits. Canadian Journal of Chemical Engineering, 1992, 70, 185-189.	1.7	23