Anuradda Ganesh

List of Publications by Year
in descending order

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36 papers	3,043 citations	257450 24 h-index	377865 34 g-index
38 all docs	38 docs citations	38 times ranked	3297 citing authors

#	Article	IF	Citations
1	Study the influence of pre-heating on atomization of straight vegetable oil through Ohnesorge number and Sauter mean diameter. Journal of the Energy Institute, 2018, 91, 828-834.	5.3	9
2	Influence of soy-lecithin as bio-additive with straight vegetable oil on CI engine characteristics. Renewable Energy, 2018, 115, 685-696.	8.9	38
3	A novel strategy of periodic dosing of soy-lecithin as additive during long term test of diesel engine fueled with straight vegetable oil. Fuel, 2018, 228, 405-417.	6.4	8
4	Remote, small-scale, â€˜greenerâ€™ routes of ammonia production. Journal of Cleaner Production, 2018, 199, 177-192.	9.3	41
5	A process model for underground coal gasification â€“ Part-III: Parametric studies and UCG process performance. Fuel, 2018, 234, 392-405.	6.4	13
6	Multi-objective optimization of biomass based ammonia production -ÂPotential and perspective in different countries. Journal of Cleaner Production, 2017, 148, 363-374.	9.3	43
7	Evolutionary MOO of a Complex Process â€“ A Surrogate-Assisted Approach. Advances in Process Systems Engineering, 2017, , 447-500.	0.3	0
8	Kinetics of heterogeneous reactions with coal in context of underground coal gasification. Fuel, 2017, 199, 102-114.	6.4	16
9	Small-Scale Ammonia Production from Biomass: A Techno-Enviro-Economic Perspective. Industrial & Engineering Chemistry Research, 2016, 55, 6422-6434.	3.7	74
10	A comparative study on influence of fuel additives with edible and non-edible vegetable oil based on fuel characterization and engine characteristics of diesel engine. Applied Thermal Engineering, 2016, 102, 800-812.	6.0	51
11	A process model for underground coal gasification â€“ Part-I: Cavity growth. Fuel, 2016, 181, 690-703.	6.4	28
12	Experimental Investigation to Study the Influence of Fuel Additive with Pre-Heated Straight Vegetable Oil (SVO) by Comparing the Injection, Combustion and Emission Characteristics of Diesel Engine Based on IR Diagram. SAE International Journal of Fuels and Lubricants, 2015, 8, 234-249.	0.2	4
13	Estimation of carbon dioxide sequestration potential of microalgae grown in a batch photobioreactor. Bioresource Technology, 2015, 180, 370-375.	9.6	33
14	Experimental studies on spalling characteristics of Indian lignite coal in context of underground coal gasification. Fuel, 2015, 154, 326-337.	6.4	21
15	Stabilization of Fast Pyrolysis Oil Derived from Wood through Esterification. International Journal of Chemical Reactor Engineering, 2015, 13, 323-334.	1.1	17
16	Heterogeneous catalysis for biodiesel synthesis and valorization of glycerol. Clean Technologies and Environmental Policy, 2015, 17, 1103-1110.	4.1	24
17	Synthesis of Biodiesel from Vegetable Oil Using Supported Metal Oxide Catalysts. Energy & Fuels, 2014, 28, 2743-2753.	5.1	40
18	Zinc/Lanthanum Mixed-Oxide Catalyst for the Synthesis of Glycerol Carbonate by Transesterification of Glycerol. Industrial & Engineering Chemistry Research, 2014, 53, 18786-18795.	3.7	59

#	Article	IF	Citations
19	Comparison between two types of Indian coals for the feasibility of Underground Coal Gasification through laboratory scale experiments. Fuel, 2013, 113, 837-843.	6.4	24
20	Esterification of Oleic Acid with Glycerol in the Presence of Supported Zinc Oxide as Catalyst. Industrial & Engineering Chemistry Research, 2013, 52, 14776-14786.	3.7	56
21	Compartment Modeling and Flow Characterization in Nonisothermal Underground Coal Gasification Cavities. Industrial & Engineering Chemistry Research, 2012, 51, 4493-4508.	3.7	2
22	Experiments and Kinetic Modeling for CO₂ Gasification of Indian Coal Chars in the Context of Underground Coal Gasification. Industrial & Engineering Chemistry Research, 2012, 51, 15041-15052.	3.7	51
23	Compartment Modeling for Flow Characterization of Underground Coal Gasification Cavity. Industrial & Engineering Chemistry Research, 2011, 50, 277-290.	3.7	33
24	Laboratory studies on cavity growth and product gas composition in the context of underground coal gasification. Energy, 2011, 36, 1776-1784.	8.8	68
25	Extraction of cardanol and phenol from bio-oils obtained through vacuum pyrolysis of biomass using supercritical fluid extraction. Energy, 2011, 36, 1535-1542.	8.8	77
26	Laboratory studies on combustion cavity growth in lignite coal blocks in the context of underground coal gasification. Energy, 2010, 35, 2374-2386.	8.8	73
27	Extraction of cashew (Anacardium occidentale) nut shell liquid using supercritical carbon dioxide. Bioresource Technology, 2006, 97, 847-853.	9.6	83
28	Economic appraisal of supercritical fluid extraction of refined cashew nut shell liquid. Journal of Chromatography A, 2006, 1124, 130-138.	3.7	27
29	Bio oil from pyrolysis of cashew nut shell-characterisation and related properties. Biomass and Bioenergy, 2004, 27, 265-275.	5.7	156
30	Influence of pretreatment for deashing of sugarcane bagasse on pyrolysis products. Biomass and Bioenergy, 2004, 27, 445-457.	5.7	212
31	Bio-oil from pyrolysis of cashew nut shellâ€"a near fuel. Biomass and Bioenergy, 2003, 25, 113-117.	5.7	106
32	Adsorption characteristics and pore-development of biomass-pyrolysis char. Fuel, 1998, 77, 769-781.	6.4	104
33	Pyrolysis characteristics of biomass and biomass components. Fuel, 1996, 75, 987-998.	6.4	577
34	Heating value of biomass and biomass pyrolysis products. Fuel, 1996, 75, 1715-1720.	6.4	193
35	Influence of mineral matter on biomass pyrolysis characteristics. Fuel, 1995, 74, 1812-1822.	6.4	673
36	A Comparative Study of Use of Fuel Additives in Straight Vegetable Oil and Pre-heated Straight Vegetable Oil on Combustion and Emission Characteristics of CI Engine. , 0, , .		7