

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	Influence of mineral matter on biomass pyrolysis characteristics. <i>Fuel</i> , 1995, 74, 1812-1822.	6.4	673
2	Pyrolysis characteristics of biomass and biomass components. <i>Fuel</i> , 1996, 75, 987-998.	6.4	577
3	Influence of pretreatment for deashing of sugarcane bagasse on pyrolysis products. <i>Biomass and Bioenergy</i> , 2004, 27, 445-457.	5.7	212
4	Heating value of biomass and biomass pyrolysis products. <i>Fuel</i> , 1996, 75, 1715-1720.	6.4	193
5	Bio oil from pyrolysis of cashew nut shell-characterisation and related properties. <i>Biomass and Bioenergy</i> , 2004, 27, 265-275.	5.7	156
6	Bio-oil from pyrolysis of cashew nut shell—a near fuel. <i>Biomass and Bioenergy</i> , 2003, 25, 113-117.	5.7	106
7	Adsorption characteristics and pore-development of biomass-pyrolysis char. <i>Fuel</i> , 1998, 77, 769-781.	6.4	104
8	Extraction of cashew (<i>Anacardium occidentale</i>) nut shell liquid using supercritical carbon dioxide. <i>Bioresource Technology</i> , 2006, 97, 847-853.	9.6	83
9	Extraction of cardanol and phenol from bio-oils obtained through vacuum pyrolysis of biomass using supercritical fluid extraction. <i>Energy</i> , 2011, 36, 1535-1542.	8.8	77
10	Small-Scale Ammonia Production from Biomass: A Techno-Enviro-Economic Perspective. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 6422-6434.	3.7	74
11	Laboratory studies on combustion cavity growth in lignite coal blocks in the context of underground coal gasification. <i>Energy</i> , 2010, 35, 2374-2386.	8.8	73
12	Laboratory studies on cavity growth and product gas composition in the context of underground coal gasification. <i>Energy</i> , 2011, 36, 1776-1784.	8.8	68
13	Zinc/Lanthanum Mixed-Oxide Catalyst for the Synthesis of Glycerol Carbonate by Transesterification of Glycerol. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 18786-18795.	3.7	59
14	Esterification of Oleic Acid with Glycerol in the Presence of Supported Zinc Oxide as Catalyst. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 14776-14786.	3.7	56
15	Experiments and Kinetic Modeling for CO ₂ Gasification of Indian Coal Chars in the Context of Underground Coal Gasification. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 15041-15052.	3.7	51
16	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. <i>Applied Thermal Engineering</i> , 2016, 102, 800-812.	6.0	51
17	Multi-objective optimization of biomass based ammonia production - Potential and perspective in different countries. <i>Journal of Cleaner Production</i> , 2017, 148, 363-374.	9.3	43
18	Remote, small-scale, “greener” routes of ammonia production. <i>Journal of Cleaner Production</i> , 2018, 199, 177-192.	9.3	41

#	ARTICLE	IF	CITATIONS
19	Synthesis of Biodiesel from Vegetable Oil Using Supported Metal Oxide Catalysts. Energy & Fuels, 2014, 28, 2743-2753.	5.1	40
20	Influence of soy-lecithin as bio-additive with straight vegetable oil on CI engine characteristics. Renewable Energy, 2018, 115, 685-696.	8.9	38
21	Compartment Modeling for Flow Characterization of Underground Coal Gasification Cavity. Industrial & Engineering Chemistry Research, 2011, 50, 277-290.	3.7	33
22	Estimation of carbon dioxide sequestration potential of microalgae grown in a batch photobioreactor. Bioresource Technology, 2015, 180, 370-375.	9.6	33
23	A process model for underground coal gasification – Part-I: Cavity growth. Fuel, 2016, 181, 690-703.	6.4	28
24	Economic appraisal of supercritical fluid extraction of refined cashew nut shell liquid. Journal of Chromatography A, 2006, 1124, 130-138.	3.7	27
25	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
26	Heterogeneous catalysis for biodiesel synthesis and valorization of glycerol. Clean Technologies and Environmental Policy, 2015, 17, 1103-1110.	4.1	24
27	Experimental studies on spalling characteristics of Indian lignite coal in context of underground coal gasification. Fuel, 2015, 154, 326-337.	6.4	21
28	Stabilization of Fast Pyrolysis Oil Derived from Wood through Esterification. International Journal of Chemical Reactor Engineering, 2015, 13, 323-334.	1.1	17
29	Kinetics of heterogeneous reactions with coal in context of underground coal gasification. Fuel, 2017, 199, 102-114.	6.4	16
30	A process model for underground coal gasification – Part-III: Parametric studies and UCG process performance. Fuel, 2018, 234, 392-405.	6.4	13
31	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
32	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
33	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
34	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
35	Compartment Modeling and Flow Characterization in Nonisothermal Underground Coal Gasification Cavities. Industrial & Engineering Chemistry Research, 2012, 51, 4493-4508.	3.7	2
36	Evolutionary MOO of a Complex Process – A Surrogate-Assisted Approach. Advances in Process Systems Engineering, 2017, , 447-500.	0.3	0