

List of Publications by Year in descending order

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papers

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183
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#	ARTICLE	IF	CITATIONS
1	A detailed study of oxy-fuel combustion of biomass in a circulating fluidized bed (CFB) combustor: Evaluation of catalytic performance of metal nanoparticles (Al, Ni) for combustion efficiency improvement. <i>Energy</i> , 2016, 109, 1139-1147.	8.8	34
2	Circulating fluidized bed gasification of biomass for flexible end-use of syngas: a micro and nano scale study for production of bio-methanol. <i>Journal of Cleaner Production</i> , 2016, 129, 249-255.	9.3	27
3	ANFIS system for prognosis of dynamometer high-speed ball bearing based on frequency domain acoustic emission signals. <i>Measurement: Journal of the International Measurement Confederation</i> , 2020, 166, 108154.	5.0	26
4	An Adaptive Neuro-Fuzzy Inference System (ANFIS) model for prediction of thermal contact conductance between exhaust valve and its seat. <i>Applied Thermal Engineering</i> , 2016, 105, 613-621.	6.0	15
5	Experimental analysis of pyrolysis of sewage sludge. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2018, 40, 2037-2043.	2.3	8
6	Aspen plus simulation of heavy oil gasification in a fluidized bed gasifier. <i>Petroleum Science and Technology</i> , 2016, 34, 1530-1533.	1.5	5
7	Thermogravimetric analysis and kinetic study of heavy oil pyrolysis. <i>Petroleum Science and Technology</i> , 2016, 34, 911-914.	1.5	4
8	Studying the Transient Thermal Contact Conductance Between the Exhaust Valve and Its Seat Using the Inverse Method. <i>International Journal of Thermophysics</i> , 2016, 37, 1.	2.1	4
9	CFD simulation of entrained-flow gasification of liquid fuels. <i>Petroleum Science and Technology</i> , 2016, 34, 1642-1646.	1.5	2
10	Combustion of petroleum residue in a batch type fixed bed reactor. <i>Petroleum Science and Technology</i> , 2016, 34, 947-950.	1.5	2
11	Hydrogen production via steam gasification of heavy oil: Effects of operating conditions. <i>Petroleum Science and Technology</i> , 2016, 34, 915-919.	1.5	2
12	A Study on Elliptical Cross-Sectioned Spiral Equal-Channel Extrusion of AA7075: FE Simulation and RSM Approach. <i>Transactions of the Indian Institute of Metals</i> , 2018, 71, 545-554.	1.5	1
13	A kinetic model for pyrolysis of petroleum residue under nonisothermal conditions. <i>Petroleum Science and Technology</i> , 2016, 34, 880-883.	1.5	0