Hamed Jafari

List of Publications by Year
in descending order

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13	138	1307594 7	1199594 12
papers	citations	h-index	g-index

13	13	13	199
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Improving Energy Density and Grindability of Wood Pellets by Dry Torrefaction. Energy & Fuels, 2019, 33, 8632-8639.	5.1	41
2	Gasification of Mixed Plastic Wastes in a Moving-Grate Gasifier and Application of the Producer Gas to a Power Generation Engine. Energy & Fuels, 2013, 27, 2092-2098.	5.1	24
3	Effects of gas and particle emissions on wall radiative heat flux in oxy-fuel combustion. Journal of Mechanical Science and Technology, 2012, 26, 1633-1641.	1.5	14
4	Comparative Characterization of a Torrefied Wood Pellet under Steam and Nitrogen Atmospheres. Energy & Fuels, 2018, 32, 5109-5114.	5.1	11
5	Evaluation of a distributed combustion concept using 1-D modeling for pressurized oxy-combustion system with low flue gas recirculation. Fuel, 2020, 263, 116723.	6.4	11
6	Experimental Study on Co-Firing of Syngas as a Reburn/Alternative Fuel in a Commercial Water-Tube Boiler and a Pilot-Scale Vertical Furnace. Energy & Fuels, 2011, 25, 2460-2468.	5.1	8
7	Combustion Behavior of Single Pellets of Coalâ€“Wood Mixtures in a Hot Gas Flow Field. Energy & Fuels, 2018, 32, 11913-11923.	5.1	8
8	Characteristics of syngas reburning in a natural gas firing furnace - Effects of combustible gas species in the syngas. Journal of Mechanical Science and Technology, 2016, 30, 3861-3868.	1.5	6
9	Investigation of flame characteristics using various design parameters in a pulverized coal burner for oxy-fuel retrofitting. International Journal of Energy Research, 2018, 42, 3206-3217.	4.5	5
10	Experimental study on combustion of torrefied palm kernel shell (PKS) in oxyâ€fuel environment. International Journal of Energy Research, 2019, 43, 7508.	4.5	4
11	Performance evaluation of a pressurized oxy-combustion power plant according to wet and dry flue gas recirculation. International Journal of Greenhouse Gas Control, 2021, 107, 103277.	4.6	4
12	Performance Evaluation of a Novel Thermal Power Plant Process with Low-Temperature Selective Catalytic Reduction. Energies, 2020, 13, 5558.	3.1	2
13	Experimental study on moisture re-adsorption characteristics of dried coal. International Journal of Coal Preparation and Utilization, 2018, , 1-12.	2.1	0