Qitai Eri

List of Publications by Year
in descending order

17 papers	195 citations

1040056

9 h-index	

1125743

13 g-index	

17 all docs	17 docs citations

17 times ranked	246 citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison between two Eulerian-Lagrangian methods: CFD-DEM and MPPIC on the biomass gasification in a fluidized bed. Biomass Conversion and Biorefinery, 2023, 13, 3819-3836.	4.6	10
2	Investigation of jet control using pulsed jets with three azimuthal modes. International Journal of Heat and Fluid Flow, 2022, 93, 108900.	2.4	0
3	Numerical Investigation of Jet Control Using Two Pulsed Jets under Different Amplitudes. Energies, 2022, 15, 640.	3.1	0
4	The radiative characteristics of inconel 718 superalloy after thermal oxidation. Journal of Alloys and Compounds, 2021, 854, 156414.	5.5	5
5	Large eddy simulation of turbulent jet controlled by two pulsed jets: Effect of forcing frequency. Aerospace Science and Technology, 2019, 89, 356-369.	4.8	16
6	The normal spectral emittance of the real surface from worked aero-engine nozzle. Applied Thermal Engineering, 2019, 150, 641-650.	6.0	4
7	Detailed CFD modelling of fast pyrolysis of different biomass types in fluidized bed reactors. Canadian Journal of Chemical Engineering, 2018, 96, 2043-2052.	1.7	10
8	CFD simulation of biomass steam gasification in a fluidized bed based on a multi-composition multi-step kinetic model. Applied Thermal Engineering, 2018, 129, 1358-1368.	6.0	33
9	Numerical simulations on the effect of potassium on the biomass fast pyrolysis in fluidized bed reactor. Fuel, 2017, 197, 290-297.	6.4	25
10	Normal spectral emissivity measurement on five aeronautical alloys. Journal of Alloys and Compounds, 2017, 703, 125-138.	5.5	16
11	Normal spectral emissivity of GH536 (HastelloyX) in three surface conditions. Applied Thermal Engineering, 2017, 113, 20-26.	6.0	33
12	An Investigation of the Restitution Coefficient Impact on Simulating Sand-Char Mixing in a Bubbling Fluidized Bed. Energies, 2017, 10, 617.	3.1	7
13	Numerical Investigation of the Air-Steam Biomass Gasification Process Based on Thermodynamic Equilibrium Model. Energies, 2017, 10, 2163.	3.1	14
14	Experimental Investigation on the Effect of Oxygen Enhancement on Radiation Distribution in Inverse Diffusion Flames. , 2016, , .		0
15	Numerical Simulations of Mixing Enhancement in Subsonic Jet Using High-Momentum Synthetic Jets. Journal of Propulsion and Power, 2016, 32, 1095-1103.	2.2	8
16	Optical roughness BRDF model for reverse Monte Carlo simulation of real material thermal radiation transfer. Applied Optics, 2014, 53, 2324.	1.8	14
17	Experimental Investigation on the Performance of Vortex Tube With Non-Freeze Enhancement. , 2014, , .		0