

# Qitai Eri

## List of Publications by Year in descending order

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17  
papers

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citations

1040056

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1125743

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docs citations

17  
times ranked

246  
citing authors

#	ARTICLE	IF	CITATIONS
1	Normal spectral emissivity of GH536 (HastelloyX) in three surface conditions. Applied Thermal Engineering, 2017, 113, 20-26.	6.0	33
2	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
3	Numerical simulations on the effect of potassium on the biomass fast pyrolysis in fluidized bed reactor. Fuel, 2017, 197, 290-297.	6.4	25
4	Normal spectral emissivity measurement on five aeronautical alloys. Journal of Alloys and Compounds, 2017, 703, 125-138.	5.5	16
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	Optical roughness BRDF model for reverse Monte Carlo simulation of real material thermal radiation transfer. Applied Optics, 2014, 53, 2324.	1.8	14
7	Numerical Investigation of the Air-Steam Biomass Gasification Process Based on Thermodynamic Equilibrium Model. Energies, 2017, 10, 2163.	3.1	14
8	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
9	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
10	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
11	An Investigation of the Restitution Coefficient Impact on Simulating Sand-Char Mixing in a Bubbling Fluidized Bed. Energies, 2017, 10, 617.	3.1	7
12	The radiative characteristics of inconel 718 superalloy after thermal oxidation. Journal of Alloys and Compounds, 2021, 854, 156414.	5.5	5
13	The normal spectral emittance of the real surface from worked aero-engine nozzle. Applied Thermal Engineering, 2019, 150, 641-650.	6.0	4
14	Experimental Investigation on the Performance of Vortex Tube With Non-Freeze Enhancement. , 2014, , .		0
15	Experimental Investigation on the Effect of Oxygen Enhancement on Radiation Distribution in Inverse Diffusion Flames. , 2016, , .		0
16	Investigation of jet control using pulsed jets with three azimuthal modes. International Journal of Heat and Fluid Flow, 2022, 93, 108900.	2.4	0
17	Numerical Investigation of Jet Control Using Two Pulsed Jets under Different Amplitudes. Energies, 2022, 15, 640.	3.1	0