Jing Zhao

List of Publications by Year in descending order

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32 papers	614 citations	840776 11 h-index	580821 25 g-index
32 all docs	32 docs citations	32 times ranked	650 citing authors

#	Article	IF	Citations
1	Experimental Investigation on Flame Characterization and Temperature Profile of Single/Multiple Pool Fire in Cross Wind. Journal of Thermal Science, 2021, 30, 324-332.	1.9	5
2	Effect of alkali metals on nitrogen oxide emission: Role of Na and its occurrence in coal. Proceedings of the Combustion Institute, 2021, 38, 5299-5309.	3.9	3
3	Modeling De-NOx by Injection Ammonia in High Temperature Zone of Cement Precalciner. Journal of Thermal Science, 2021, 30, 636-643.	1.9	7
4	Experimental Investigation on the Performance of [APMIm][NTf2] for Capturing CO2 from Flue Gas of the Cement Kiln Tail. Journal of Thermal Science, 2021, 30, 1780-1788.	1.9	6
5	Combustion Characteristic and Mechanism of a Mixture Working Fluid C3H8/CO2. Journal of Thermal Science, 2021, 30, 1768-1779.	1.9	3
6	Intrinsic sodium occurrence in Zhundong coal: Experimental observations and molecular modeling. Fuel, 2021, 305, 121491.	6.4	9
7	Formation and Growth Behavior Analysis of Slagging Rings in Rotary Kiln-Type Hazardous Waste Incineration Systems. Energies, 2021, 14, 7561.	3.1	2
8	Chemisorption and physisorption of fine particulate matters on the floating beads during Zhundong coal combustion. Fuel Processing Technology, 2020, 200, 106310.	7.2	18
9	The alkali metal occurrence characteristics and its release and conversion during wheat straw pyrolysis. Renewable Energy, 2020, 151, 255-262.	8.9	17
10	Self-sustained CO Combustion Induced by CuCe0.75Zr0.25Oy Catalysts with Different Pore-forming Methods. Combustion Science and Technology, 2020, , 1-13.	2.3	1
11	Numerical Simulation of Oxy-Fuel Combustion with Different O₂/CO₂ Fractions in a Large Cement Precalciner. Energy & Fuels, 2020, 34, 4949-4957.	5.1	4
12	Effects of Alkali Metals on the Formation of Particulate Matter and Adsorption of Floating Beads during Zhundong Coal Combustion. Energy & Fuels, 2019, 33, 5422-5429.	5.1	8
13	Sol-gel enhanced mesoporous Cu-Ce-Zr catalyst for toluene oxidation. Combustion Science and Technology, 2018, 190, 878-892.	2.3	5
14	Deoxygenation of Chinese long-flame coal in low-temperature pyrolysis. Journal of Thermal Analysis and Calorimetry, 2018, 131, 3025-3033.	3.6	8
15	Behavior of Alkali Metals in Fly Ash during Waste Heat Recovery for Municipal Solid Waste Incineration. Energy & Fuels, 2018, 32, 4417-4423.	5.1	8
16	Effect of HCl on NO Formation during CO/NH3 Combustion in an Entrained Flow Reactor at 1023â€“1223 K. Energy & Fuels, 2017, 31, 3281-3287.	5.1	3
17	Dispersion characteristics of dissimilar materials in a fluidized bed with unevenly distributed fluidizing air. Powder Technology, 2017, 319, 365-372.	4.2	1
18	Experimental investigation on the CO 2 transcritical power cycle. Energy, 2016, 95, 247-254.	8.8	50

#	Article	IF	Citations
19	Numerical Simulation of CO and NO Emissions During Converter Off-Gas Combustion in the Cooling Stack. Combustion Science and Technology, 2013, 185, 212-225.	2.3	3
20	Detailed Modeling of the Effects of K/Na Additives on the Thermal DeNO_x Process. Energy & Fuels, 2013, 27, 421-429.	5.1	16
21	Detailed Modeling of NO_x and SO_x Formation in Co-combustion of Coal and Biomass with Reduced Kinetics. Energy & Fuels, 2012, 26, 3117-3124.	5.1	31
22	Effect of H₂O Vapor on NO Reduction by CO: Experimental and Kinetic Modeling Study. Energy & Fuels, 2012, 26, 4277-4283.	5.1	41
23	Prediction of remnant volatile matter in the semicokes from coal partial gasification. Science China Technological Sciences, 2011, 54, 3017-3021.	4.0	1
24	Estimation of Fluorine and Sulfur Behaviors Affected by Converter Off-Gas Dusts. Combustion Science and Technology, 2011, 183, 984-1001.	2.3	1
25	Study on peak overpressure and flame propagation speed of gas deflagration in the tube with obstacles. Science China Technological Sciences, 2010, 53, 1847-1854.	4.0	2
26	CFD-DEM simulation of three-dimensional aeolian sand movement. Science China: Physics, Mechanics and Astronomy, 2010, 53, 1306-1318.	5.1	11
27	Influence of HCl on CO and NO emissions in combustion. Fuel, 2009, 88, 1998-2003.	6.4	24
28	B308 NEW METHODOLOGY FOR THE ESTIMATION OF ENERGY CONSUMPTION IN A DOUBLE-TUBE-SOCKET (DTS^[â—‹!R]) PNEUMATIC CONVEYING(Multiphase Flow-3). The Proceedings of the International Conference on Power Engineering (ICOPE), 2009, 2009.3, _3-103_-_3-106_.	0.0	0
29	Characterizing particle dispersion by image analysis in ICFB. International Journal of Heat and Mass Transfer, 2006, 49, 3338-3342.	4.8	16
30	Behaviour of gaseous chlorine and alkali metals during biomass thermal utilisation. Fuel, 2005, 84, 841-848.	6.4	251
31	Burning low volatile fuel in tangentially fired furnaces with fuel rich/lean burners. Energy Conversion and Management, 2004, 45, 725-735.	9.2	57
32	A study on heat transfer for immersed tube in internally circulating fluidized bed. Journal of Thermal Science, 1999, 8, 190-195.	1.9	2