

Jing Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

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	Behaviour of gaseous chlorine and alkali metals during biomass thermal utilisation. <i>Fuel</i> , 2005, 84, 841-848.	6.4	251
2	Burning low volatile fuel in tangentially fired furnaces with fuel rich/lean burners. <i>Energy Conversion and Management</i> , 2004, 45, 725-735.	9.2	57
3	Experimental investigation on the CO ₂ transcritical power cycle. <i>Energy</i> , 2016, 95, 247-254.	8.8	50
4	Effect of H ₂ O Vapor on NO Reduction by CO: Experimental and Kinetic Modeling Study. <i>Energy & Fuels</i> , 2012, 26, 4277-4283.	5.1	41
5	Detailed Modeling of NO _x and SO _x Formation in Co-combustion of Coal and Biomass with Reduced Kinetics. <i>Energy & Fuels</i> , 2012, 26, 3117-3124.	5.1	31
6	Influence of HCl on CO and NO emissions in combustion. <i>Fuel</i> , 2009, 88, 1998-2003.	6.4	24
7	Chemisorption and physisorption of fine particulate matters on the floating beads during Zhundong coal combustion. <i>Fuel Processing Technology</i> , 2020, 200, 106310.	7.2	18
8	The alkali metal occurrence characteristics and its release and conversion during wheat straw pyrolysis. <i>Renewable Energy</i> , 2020, 151, 255-262.	8.9	17
9	Characterizing particle dispersion by image analysis in ICFB. <i>International Journal of Heat and Mass Transfer</i> , 2006, 49, 3338-3342.	4.8	16
10	Detailed Modeling of the Effects of K/Na Additives on the Thermal DeNO _x Process. <i>Energy & Fuels</i> , 2013, 27, 421-429.	5.1	16
11	CFD-DEM simulation of three-dimensional aeolian sand movement. <i>Science China: Physics, Mechanics and Astronomy</i> , 2010, 53, 1306-1318.	5.1	11
12	Intrinsic sodium occurrence in Zhundong coal: Experimental observations and molecular modeling. <i>Fuel</i> , 2021, 305, 121491.	6.4	9
13	Deoxygenation of Chinese long-flame coal in low-temperature pyrolysis. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 131, 3025-3033.	3.6	8
14	Behavior of Alkali Metals in Fly Ash during Waste Heat Recovery for Municipal Solid Waste Incineration. <i>Energy & Fuels</i> , 2018, 32, 4417-4423.	5.1	8
15	Effects of Alkali Metals on the Formation of Particulate Matter and Adsorption of Floating Beads during Zhundong Coal Combustion. <i>Energy & Fuels</i> , 2019, 33, 5422-5429.	5.1	8
16	Modeling De-NO _x by Injection Ammonia in High Temperature Zone of Cement Precliner. <i>Journal of Thermal Science</i> , 2021, 30, 636-643.	1.9	7
17	Experimental Investigation on the Performance of [APMIm][NTf ₂] for Capturing CO ₂ from Flue Gas of the Cement Kiln Tail. <i>Journal of Thermal Science</i> , 2021, 30, 1780-1788.	1.9	6
18	Sol-gel enhanced mesoporous Cu-Ce-Zr catalyst for toluene oxidation. <i>Combustion Science and Technology</i> , 2018, 190, 878-892.	2.3	5

#	ARTICLE	IF	CITATIONS
19	Experimental Investigation on Flame Characterization and Temperature Profile of Single/Multiple Pool Fire in Cross Wind. <i>Journal of Thermal Science</i> , 2021, 30, 324-332.	1.9	5
20	Numerical Simulation of Oxy-Fuel Combustion with Different O ₂ /CO ₂ Fractions in a Large Cement Preheater. <i>Energy & Fuels</i> , 2020, 34, 4949-4957.	5.1	4
21	Numerical Simulation of CO and NO Emissions During Converter Off-Gas Combustion in the Cooling Stack. <i>Combustion Science and Technology</i> , 2013, 185, 212-225.	2.3	3
22	Effect of HCl on NO Formation during CO/NH ₃ Combustion in an Entrained Flow Reactor at 1023±1223 K. <i>Energy & Fuels</i> , 2017, 31, 3281-3287.	5.1	3
23	Effect of alkali metals on nitrogen oxide emission: Role of Na and its occurrence in coal. <i>Proceedings of the Combustion Institute</i> , 2021, 38, 5299-5309.	3.9	3
24	Combustion Characteristic and Mechanism of a Mixture Working Fluid C ₃ H ₈ /CO ₂ . <i>Journal of Thermal Science</i> , 2021, 30, 1768-1779.	1.9	3
25	A study on heat transfer for immersed tube in internally circulating fluidized bed. <i>Journal of Thermal Science</i> , 1999, 8, 190-195.	1.9	2
26	Study on peak overpressure and flame propagation speed of gas deflagration in the tube with obstacles. <i>Science China Technological Sciences</i> , 2010, 53, 1847-1854.	4.0	2
27	Formation and Growth Behavior Analysis of Slagging Rings in Rotary Kiln-Type Hazardous Waste Incineration Systems. <i>Energies</i> , 2021, 14, 7561.	3.1	2
28	Prediction of remnant volatile matter in the semicokes from coal partial gasification. <i>Science China Technological Sciences</i> , 2011, 54, 3017-3021.	4.0	1
29	Estimation of Fluorine and Sulfur Behaviors Affected by Converter Off-Gas Dusts. <i>Combustion Science and Technology</i> , 2011, 183, 984-1001.	2.3	1
30	Dispersion characteristics of dissimilar materials in a fluidized bed with unevenly distributed fluidizing air. <i>Powder Technology</i> , 2017, 319, 365-372.	4.2	1
31	Self-sustained CO Combustion Induced by CuCe _{0.75} Zr _{0.25} O _y Catalysts with Different Pore-forming Methods. <i>Combustion Science and Technology</i> , 2020, , 1-13.	2.3	1
32	B308 NEW METHODOLOGY FOR THE ESTIMATION OF ENERGY CONSUMPTION IN A DOUBLE-TUBE-SOCKET (DTS ^[R]) PNEUMATIC CONVEYING(Multiphase Flow-3). <i>The Proceedings of the International Conference on Power Engineering (ICOPE)</i> , 2009, 2009.3, _3-103_-_3-106_.	0.0	0