

Huanpeng Liu

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

301
citations

1039406

9
h-index

887659

17
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23
all docs

23
docs citations

23
times ranked

324
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of ash particles in the bed agglomeration during the fluidized bed combustion of rice straw. <i>Bioresource Technology</i> , 2009, 100, 6505-6513.	4.8	63
2	The effects of leaching methods on the combustion characteristics of rice straw. <i>Biomass and Bioenergy</i> , 2013, 49, 22-27.	2.9	41
3	Experimental study on the fluidization behaviors of the superfine particles. <i>Chemical Engineering Journal</i> , 2015, 262, 579-587.	6.6	33
4	Evolution of char structure during non-isothermal low temperature pyrolysis of ZhunDong coal by microwave heating: A comparative study with conventional heating. <i>Journal of the Energy Institute</i> , 2020, 93, 1195-1206.	2.7	30
5	Numerical study on the cluster flow behavior in the riser of circulating fluidized beds. <i>Chemical Engineering Journal</i> , 2009, 150, 374-384.	6.6	27
6	The activation and hydrogen storage characteristics of the cup-stacked carbon nanotubes. <i>Diamond and Related Materials</i> , 2019, 100, 107567.	1.8	20
7	Modified carbon nanotubes for hydrogen storage at moderate pressure and room temperature. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2020, 28, 663-670.	1.0	16
8	Grand canonical Monte Carlo simulation on the hydrogen storage behaviors of the cup-stacked carbon nanotubes at room temperature. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 6623-6631.	3.8	15
9	Temperature rise characteristics of coal-KOH adduct under microwave heating and the properties of resultant activated carbon for catalytic methane decomposition. <i>Journal of Analytical and Applied Pyrolysis</i> , 2020, 145, 104739.	2.6	12
10	A kind of conical cup-stacked carbon nanotube. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2019, 27, 417-422.	1.0	9
11	Experimental investigation on the microstructure of fluidized nanoparticle agglomerates by TEM image analysis. <i>Canadian Journal of Chemical Engineering</i> , 2021, 99, 1125-1136.	0.9	7
12	Improved Gain Scheduling Control and Its Application to Aero-Engine LPV Synthesis. <i>Energies</i> , 2020, 13, 5967.	1.6	6
13	Structure and Drag Characteristics of Fluidized Nanoparticle Agglomerates at the Bottom of the Bed. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 19693-19701.	1.8	5
14	Fluidization behaviors of nanoparticle agglomerates with high initial bed heights. <i>Powder Technology</i> , 2021, 388, 122-128.	2.1	4
15	Numerical and Experimental Analysis on the Hydrodynamic Behaviors of Nanoparticle Agglomerates at Moderate Reynolds Numbers. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 753-761.	1.8	4
16	Investigation of the effect of oxygen-containing groups on the hydrogen adsorption behavior of CSCNTs using density functional theory. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 6131-6141.	3.8	4
17	Study on hydrogen uptake of CSCNTs with different etching degrees and apex angles by the GCMC simulation. <i>Applied Surface Science</i> , 2021, 552, 149497.	3.1	2
18	Study of the Bed Agglomeration during the Fluidized Bed Combustion of Rice Straw. , 2009, , .		1

#	ARTICLE	IF	CITATIONS
19	Carbon nanotubes accelerated growth by iron nanoparticles under microwave heating. Fullerenes Nanotubes and Carbon Nanostructures, 2019, 27, 920-927.	1.0	1
20	Numerical study on the hydrodynamics of agglomerates at intermediate Reynolds numbers. Chinese Journal of Chemical Engineering, 2020, 28, 1533-1541.	1.7	1
21	Numerical Study on the Flow Behavior of Near Wall Cluster in the Circulating Fluidized Bed. , 2009, , .		0
22	Answer to "Comment on two-dimensional discrete particle model by Berrouk and Wu" Chemical Engineering Journal, 2010, 160, 812.	6.6	0
23	Numerical Study on the Instantaneous Flow Behaviors of Clusters at the Wall of CFBs. , 2011, , .		0