

# Huanpeng Liu

## List of Publications by Year in descending order

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23  
papers

301  
citations

1039406

9  
h-index

887659

17  
g-index

23  
all docs

23  
docs citations

23  
times ranked

324  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Experimental investigation on the microstructure of fluidized nanoparticle agglomerates by <sc>TEM</sc> image analysis. <i>Canadian Journal of Chemical Engineering</i> , 2021, 99, 1125-1136.	0.9	7
4	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
5	Fluidization behaviors of nanoparticle agglomerates with high initial bed heights. <i>Powder Technology</i> , 2021, 388, 122-128.	2.1	4
6	Numerical and Experimental Analysis on the Hydrodynamic Behaviors of Nanoparticle Agglomerates at Moderate Reynolds Numbers. <i>Industrial &amp; Engineering Chemistry Research</i> , 2021, 60, 753-761.	1.8	4
7	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
8	Improved Gain Scheduling Control and Its Application to Aero-Engine LPV Synthesis. <i>Energies</i> , 2020, 13, 5967.	1.6	6
9	Numerical study on the hydrodynamics of agglomerates at intermediate Reynolds numbers. <i>Chinese Journal of Chemical Engineering</i> , 2020, 28, 1533-1541.	1.7	1
10	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
11	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
12	Carbon nanotubes accelerated growth by iron nanoparticles under microwave heating. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2019, 27, 920-927.	1.0	1
13	Structure and Drag Characteristics of Fluidized Nanoparticle Agglomerates at the Bottom of the Bed. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 19693-19701.	1.8	5
14	The activation and hydrogen storage characteristics of the cup-stacked carbon nanotubes. <i>Diamond and Related Materials</i> , 2019, 100, 107567.	1.8	20
15	A kind of conical cup-stacked carbon nanotube. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2019, 27, 417-422.	1.0	9
16	Experimental study on the fluidization behaviors of the superfine particles. <i>Chemical Engineering Journal</i> , 2015, 262, 579-587.	6.6	33
17	The effects of leaching methods on the combustion characteristics of rice straw. <i>Biomass and Bioenergy</i> , 2013, 49, 22-27.	2.9	41
18	Numerical Study on the Instantaneous Flow Behaviors of Clusters at the Wall of CFBs. , 2011, , .		0

#	ARTICLE	IF	CITATIONS
19	Answer to "Comment on two-dimensional discrete particle model by Berrouk and Wu" Chemical Engineering Journal, 2010, 160, 812.	6.6	0
20	Study of the Bed Agglomeration during the Fluidized Bed Combustion of Rice Straw. , 2009, , .		1
21	Numerical Study on the Flow Behavior of Near Wall Cluster in the Circulating Fluidized Bed. , 2009, , .		0
22	Numerical study on the cluster flow behavior in the riser of circulating fluidized beds. Chemical Engineering Journal, 2009, 150, 374-384.	6.6	27
23	The role of ash particles in the bed agglomeration during the fluidized bed combustion of rice straw. Bioresource Technology, 2009, 100, 6505-6513.	4.8	63