

# Huan Zhang

## List of Publications by Year in descending order

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15  
papers

196  
citations

1307594

7  
h-index

1058476

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15  
all docs

15  
docs citations

15  
times ranked

340  
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature variation law of outburst coal during adsorption and desorption process. Arabian Journal of Geosciences, 2022, 15, 1.	1.3	1
2	Study on the influence of hole defects with different shapes on the mechanical behavior and damage law of coal and rock. PLoS ONE, 2022, 17, e0265753.	2.5	3
3	Ab Initio Study on Interactions between $B_{10-n}A_n$ ( $n = 0, 1$ ) Tj ETQq1 1 0,784314 rgBT /Over	0.6	8
4	Influence of Local Frequent Dynamic Disturbance on Micro-structure Evolution of Coal-Rock and Localization Effect. Natural Resources Research, 2020, 29, 3917-3942.	4.7	9
5	Study on deformation evolution law of coal under asymmetric loading by digital image correlation. Applied Optics, 2020, 59, 10959.	1.8	4
6	Simulation and Experimental Study on the Discontinuous Dynamic Impact on Unidirectional Confined Coal-Rock Damage. Shock and Vibration, 2019, 2019, 1-15.	0.6	2
7	Creep Characteristics and Model of Key Unit Rock in Slope Potential Slip Surface. International Journal of Geomechanics, 2019, 19, .	2.7	8
8	Influence of Incremental Impact on the Damage of Coal-Rock under Unidirectional Constraint. Advances in Civil Engineering, 2019, 2019, 1-9.	0.7	1
9	Thermo-sensitively and magnetically ordered mesoporous carbon nanospheres for targeted controlled drug release and hyperthermia application. Materials Science and Engineering C, 2018, 84, 21-31.	7.3	25
10	Comparison of Local Load Influence on Crack Evolution of Coal and Briquette Coal Samples. Advances in Civil Engineering, 2018, 2018, 1-12.	0.7	5
11	Recognition of 5-fluorouracil by thermosensitive magnetic surface molecularly imprinted microspheres designed using a computational approach. Journal of Applied Polymer Science, 2017, 134, 45468.	2.6	12
12	Formation and fractal characteristics of main fracture surface of red sandstone under restrictive shear creep. International Journal of Rock Mechanics and Minings Sciences, 2017, 98, 181-190.	5.8	28
13	Spectroscopic studies of bovine serum albumin adsorbed onto magnetic "thermosensitive carbon microspheres. Luminescence, 2016, 31, 1461-1467.	2.9	1
14	Temperature and magnetism bi-responsive molecularly imprinted polymers: Preparation, adsorption mechanism and properties as drug delivery system for sustained release of 5-fluorouracil. Materials Science and Engineering C, 2016, 61, 158-168.	7.3	88
15	Thermoresponsive hollow magnetic microspheres with hyperthermia and controlled release properties. Journal of Applied Polymer Science, 2015, 132, .	2.6	9