

# Huan Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4212304/publications.pdf>

Version: 2024-02-01

15  
papers

196  
citations

1307594

7  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

340  
citing authors

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