

# Da-jun Zhao

## List of Publications by Year in descending order

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14  
papers

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1163117  
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docs citations

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times ranked

112  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fatigue Damage Mechanism and Deformation Behaviour of Granite Under Ultrahigh-Frequency Cyclic Loading Conditions. <i>Rock Mechanics and Rock Engineering</i> , 2021, 54, 4723-4739.	5.4	44
2	Investigation into the characteristics of rock damage caused by ultrasonic vibration. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2016, 84, 159-164.	5.8	38
3	Experimental study on damage characteristics of granite under ultrasonic vibration load based on infrared thermography. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	2.7	27
4	Experimental and numerical investigation of the fatigue behaviour and crack evolution mechanism of granite under ultra-high-frequency loading. <i>Royal Society Open Science</i> , 2020, 7, 200091.	2.4	17
5	Microcrack Growth Properties of Granite under Ultrasonic High-Frequency Excitation. <i>Advances in Civil Engineering</i> , 2019, 2019, 1-11.	0.7	16
6	Research on the Influence Rule of Ultrasonic Vibration Time on Granite Damage. <i>Journal of Mining Science</i> , 2018, 54, 751-762.	0.6	14
7	Effect of Static Loading on Rock Fragmentation Efficiency Under Ultrasonic Vibration. <i>Geotechnical and Geological Engineering</i> , 2019, 37, 3497-3505.	1.7	12
8	Discrete element simulation for investigating fragmentation mechanism of hard rock under ultrasonic vibration loading. <i>Energy Science and Engineering</i> , 2020, 8, 3805-3822.	4.0	10
9	The Mechanical Properties of Granite under Ultrasonic Vibration. <i>Advances in Civil Engineering</i> , 2019, 2019, 1-11.	0.7	6
10	Individual and combined influences of main loading parameters on granite damage development under ultrasonic vibration. <i>Journal of Mountain Science</i> , 2021, 18, 3366-3379.	2.0	3
11	Numerical simulation of deformation memory effect of rock materials in low stress condition using discrete element method. <i>Energy Science and Engineering</i> , 2020, 8, 3027-3046.	4.0	2
12	Failure mechanism of gently inclined bedding slope under hydraulic driving: The case of the Jiangyuan landslide along Heda Highway. <i>Journal of Computational Methods in Sciences and Engineering</i> , 2020, 20, 383-397.	0.2	1
13	Experimental and Simulation Study on Breaking Rock under Coupled Static Loading and Ultrasonic Vibration. <i>Shock and Vibration</i> , 2022, 2022, 1-15.	0.6	1
14	Development of Solar Energy Underground Seasonal Storage Device and Its Parameters Measuring System. , 2010, , .		0