

# Junren Deng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6158208/publications.pdf>

Version: 2024-02-01

13  
papers

247  
citations

1039880

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1199470

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times ranked

266  
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#	ARTICLE	IF	CITATIONS
1	Effects of Superplasticizer on the Hydration, Consistency, and Strength Development of Cemented Paste Backfill. Minerals (Basel, Switzerland), 2018, 8, 381.	0.8	53
2	Peridynamics simulation of rock fracturing under liquid carbon dioxide blasting. International Journal of Damage Mechanics, 2019, 28, 1038-1052.	2.4	47
3	Fractal Analysis of Pore Structure Development of Sandstone: A Nuclear Magnetic Resonance Investigation. IEEE Access, 2019, 7, 47282-47293.	2.6	32
4	Effect of Freezing and Thawing on Microstructure Damage and Dynamic Flexural Tension of Granite. Rock Mechanics and Rock Engineering, 2020, 53, 3853-3858.	2.6	20
5	Experimental Investigation on Energy Mechanism of Freezing-Thawing Treated Sandstone under Uniaxial Static Compression. KSCE Journal of Civil Engineering, 2019, 23, 2074-2082.	0.9	18
6	Damage Characteristics of Sandstone Subjected to Coupled Effect of Freezing-Thawing Cycles and Acid Environment. Advances in Civil Engineering, 2018, 2018, 1-10.	0.4	17
7	Development of Energy-Based Brittleness Index for Sandstone Subjected to Freeze-Thaw Cycles and Impact Loads. IEEE Access, 2018, 6, 48522-48530.	2.6	16
8	Investigation on Microstructure and Damage of Sandstone Under Cyclic Dynamic Impact. IEEE Access, 2019, 7, 133145-133158.	2.6	14
9	Experimental Study on Explosion Pressure and Rock Breaking Characteristics under Liquid Carbon Dioxide Blasting. Advances in Civil Engineering, 2018, 2018, 1-9.	0.4	11
10	Influence of freeze-thaw cycles on the degradation of sandstone after loading and unloading. Bulletin of Engineering Geology and the Environment, 2020, 79, 1967-1977.	1.6	8
11	Experimental Investigation of Porous and Mechanical Characteristics of Single-Crack Rock-like Material under Freeze-Thaw Weathering. Minerals (Basel, Switzerland), 2021, 11, 1318.	0.8	8
12	Microscopic Characteristic Analysis on Sandstone under Coupling Effect of Freeze-Thaw and Acidic Treatment: From Nuclear Magnetic Resonance Perspective. Applied Sciences (Switzerland), 2020, 10, 5699.	1.3	3
13	Brittle Characteristic and Microstructure of Sandstone under Freezing-Thawing Weathering. Advances in Civil Engineering, 2020, 2020, 1-12.	0.4	0