

# Youliang Chen

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Evolutionary Analysis of Heterogeneous Granite Microcracks Based on Digital Image Processing in Grain-Block Model. <i>Materials</i> , 2022, 15, 1941.	2.9	14
2	Performance of a top-down excavation in shanghai: case study and numerical exploration. <i>European Journal of Environmental and Civil Engineering</i> , 2022, 26, 7932-7957.	2.1	7
3	Investigation of Microcrack Propagation and Energy Evolution in Brittle Rocks Based on the Voronoi Model. <i>Materials</i> , 2021, 14, 2108.	2.9	12
4	Service Life Prediction and Lateral Bearing Capacity Analysis of Piles Considering Coupled Corrosion-Temperature Deterioration Processes. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 614.	2.6	8
5	Experimental Study on the Correlation between Crack Width and Crack Depth of RC Beams. <i>Materials</i> , 2021, 14, 5950.	2.9	3
6	Study on Damage Constitutive Model of Rock under Freeze-Thaw-Confining Pressure-Acid Erosion. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9431.	2.5	4
7	Mechanical Characteristics and Mechanism of Granite Subjected to Coupling Effect of Acidic Corrosion and Freeze-Thaw Cycles. <i>Journal of Earth Science (Wuhan, China)</i> , 2021, 32, 1202-1211.	3.2	10
8	The Mechanism of Fracture and Damage Evolution of Granite in Thermal Environment. <i>Materials</i> , 2021, 14, 7234.	2.9	6
9	Damage Evolution Constitutive Behavior of Rock in Thermo-Mechanical Coupling Processes. <i>Materials</i> , 2021, 14, 7840.	2.9	7
10	Study on Damage Statistical Constitutive Model of Triaxial Compression of Acid-Etched Rock under Coupling Effect of Temperature and Confining Pressure. <i>Materials</i> , 2021, 14, 7414.	2.9	10
11	Mechanical Properties of Tonalite Subjected to Combined Effects of Chemical Corrosion and Freeze-Thaw Cycles. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 3890.	2.5	10
12	The uniaxial compressive and tensile tests of frozen saturated clay in Shanghai area. <i>Environmental Earth Sciences</i> , 2011, 64, 29-36.	2.7	22
13	Numerical Evaluation of Isolation Walls in Modifying Excavation-Induced Displacement Field. <i>Arabian Journal for Science and Engineering</i> , 0, , .	3.0	3