

Shangqu Sun

List of Publications by Year in descending order

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13
papers

179
citations

1307594

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citing authors

#	ARTICLE	IF	CITATIONS
1	Stability Analysis of Irregular Cavities in Tunnel Using Geomagic-COMSOL Coupling Method. <i>Advances in Civil Engineering</i> , 2021, 2021, 1-16.	0.7	0
2	VC++ Software Development and Stability Analysis of a Slope Based on the Slice-Free Method. <i>Geotechnical and Geological Engineering</i> , 2020, 38, 1311-1322.	1.7	0
3	Damage Model and Experimental Study of a Sand Grouting-Reinforced Body in a Seawater Environment. <i>Water (Switzerland)</i> , 2020, 12, 2495.	2.7	11
4	A Calculation Method for Safety Distance Between the Confined Karst Cave and the Shield Tunnel Based on Upper Bound Theorem. <i>Geotechnical and Geological Engineering</i> , 2020, 38, 6587-6599.	1.7	8
5	Reliable stability analysis of surrounding rock for super section tunnel based on digital characteristics of joint information. <i>Geomatics, Natural Hazards and Risk</i> , 2020, 11, 1528-1541.	4.3	2
6	Research on Shear Behavior and Crack Evolution of Symmetrical Discontinuous Rock Joints Based on FEM-CZM. <i>Symmetry</i> , 2020, 12, 1314.	2.2	6
7	Near-surface site investigation and imaging of karst cave using comprehensive geophysical and laser scanning: a case study in Shandong, China. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	2.7	6
8	Development Status of Digital Detection Technology for Unfavorable Geological Structures in Deep Tunnels. <i>KSCE Journal of Civil Engineering</i> , 2020, 24, 1318-1329.	1.9	8
9	Experimental study of the precursor information of the water inrush in shield tunnels due to the proximity of a water-filled cave. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2020, 130, 104320.	5.8	81
10	Slope stability analysis and protection measures in bridge and tunnel engineering: a practical case study from Southwestern China. <i>Bulletin of Engineering Geology and the Environment</i> , 2019, 78, 3305-3321.	3.5	23
11	Fine Exploration and Control of Subway Crossing Karst Area. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2588.	2.5	8
12	Karst Development Mechanism and Characteristics Based on Comprehensive Exploration along Jinan Metro, China. <i>Sustainability</i> , 2018, 10, 3383.	3.2	18
13	Structural planes surveying and fractal dimension characteristics of tunnel face based on digital photogrammetry. <i>Arabian Journal of Geosciences</i> , 2018, 11, 1.	1.3	8