

Prevention and treatment technologies of railway tunnels in China

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The Analysis and Control of Inrush and Mud Gushing in the Broken Rock Tunnel Under high Water Pressure. <i>Procedia Engineering</i> , 2016, 165, 259-264.	1.2	14
2	A novel cloud model for risk analysis of water inrush in karst tunnels. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	49
3	Identifying the geological interface of the stratum of tunnel granite and classifying rock mass according to drilling energy theory. <i>Arabian Journal of Geosciences</i> , 2016, 9, 1.	0.6	12
4	Experimental research on water inrush in tunnel construction. <i>Natural Hazards</i> , 2016, 81, 467-480.	1.6	79
5	Model test to investigate waterproof-resistant slab minimum safety thickness for water inrush geohazards. <i>Tunnelling and Underground Space Technology</i> , 2017, 62, 35-42.	3.0	69
6	Failure Mode of the Water-filled Fractures under Hydraulic Pressure in Karst Tunnels. <i>Open Geosciences</i> , 2017, 9, .	0.6	2
7	Use of tree rings as indicator for groundwater level drawdown caused by tunnel excavation in Zhongliang Mountains, Chongqing, Southwest China. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	1.3	15
8	Application of comprehensive prediction method of water inrush hazards induced by unfavourable geological body in high risk karst tunnel: a case study. <i>Geomatics, Natural Hazards and Risk</i> , 2017, 8, 1407-1423.	2.0	37
9	Characterizing fractures to mitigate inrush of water into a shaft using hydrogeological approaches. <i>Tunnelling and Underground Space Technology</i> , 2017, 61, 205-220.	3.0	20
10	Water Inrush Analysis of the Longmen Mountain Tunnel Based on a 3D Simulation of the Discrete Fracture Network. <i>Open Geosciences</i> , 2017, 9, .	0.6	6
11	New Method for Detecting Risk of Tunnel Water-Induced Disasters Using Magnetic Resonance Sounding. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2018, 15, 843-847.	1.4	7
12	Groundwater control and curtain grouting for tunnel construction in completely weathered granite. <i>Bulletin of Engineering Geology and the Environment</i> , 2018, 77, 515-531.	1.6	81
13	Quantification of Margins and Uncertainties for the Risk of Water Inrush in a Karst Tunnel: Representations of Epistemic Uncertainty with Probability. <i>Arabian Journal for Science and Engineering</i> , 2018, 43, 1627-1640.	1.7	13
14	Nonlinear seepage-erosion coupled water inrush model for completely weathered granite. <i>Marine Georesources and Geotechnology</i> , 2018, 36, 484-493.	1.2	24
15	Risk Assessment of Water Inrush in Tunnel through Water-Rich Fault. <i>Geotechnical and Geological Engineering</i> , 2018, 36, 317-326.	0.8	15
16	Characteristics analysis and control measures for the deformation development in a water-rich loess tunnel. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 189, 052077.	0.2	0
17	Fracture characterization using hydrogeological approaches and measures taken for groundwater inrush mitigation in shaft excavation. <i>Tunnelling and Underground Space Technology</i> , 2018, 82, 554-567.	3.0	5
18	Effects of Initial Porosity and Water Pressure on Seepage-Erosion Properties of Water Inrush in Completely Weathered Granite. <i>Geofluids</i> , 2018, 2018, 1-11.	0.3	13

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20	Experimental Study on the Mud-Water Inrush Characteristics through Rock Fractures. <i>Advances in Civil Engineering</i> , 2018, 2018, 1-7.	0.4	3
21	The rheological test and application research of glass fiber cement slurry based on plugging mechanism of dynamic water grouting. <i>Construction and Building Materials</i> , 2018, 189, 119-130.	3.2	39
22	Sand-layer collapse treatment: An engineering example from Qingdao Metro subway tunnel. <i>Journal of Cleaner Production</i> , 2018, 197, 19-24.	4.6	30
23	Using the Schwarz Alternating Method to Identify Critical Water-Resistant Thickness between Tunnel and Concealed Cavity. <i>Advances in Civil Engineering</i> , 2018, 2018, 1-14.	0.4	4
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27	Investigation and practical application of a new cementitious anti-washout grouting material. <i>Construction and Building Materials</i> , 2019, 224, 66-77.	3.2	50
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38	Response of plants water uptake patterns to tunnels excavation based on stable isotopes in a karst trough valley. <i>Journal of Hydrology</i> , 2019, 571, 485-493.	2.3	48
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