

2020 年度代表性论文

序号	论文或专著名称	所有作者	刊物名称	年、卷、期、页	收录类别
1	Supercritical CO ₂ Source for Underground Seismic Exploration	王勃, Wanyong Qiu, Shengdong Liu, Huachao Sun	Journal of King Saud University - Science	2020-03, 32: 2, 1731-1737	SCI
2	矽石充填材料侧压系数影响因素试验研究	肖猛, 巨峰, 何泽全, 李开源, 王鹏.	采矿与安全工程学报	2020-01, 37: 1, 73-80	EI
3	深部巷道围岩锚固结构失稳破坏全过程试验研究	靖洪文, 尹乾, 朱栋, 孙彦景, 王勃.	煤炭学报	2020-03, 45: 3, 889-901	EI
4	非均匀荷载下斜井井壁应力和位移场弹性分析	杨仁树, 王千星.	煤炭学报	2020-11, 45: 1, 3726-3734	EI
5	液氮压裂作用下页岩破裂特征试验研究	蔡承政, 任科达, 杨玉贵, 胡国忠.	岩石力学与工程学报	2020-11, 39: 1, 2183-2203	EI
6	恒定法向刚度条件下三维粗糙裂隙面剪切力学特性	尹乾, 靖洪文, 孟波, 刘日成, 吴应杰.	岩石力学与工程学报	2020-11, 39: 1, 2213-2225	EI
7	岩石结构面注浆加固微观力学机制与浆-岩黏结界面结构优化	陆银龙, 贺梦奇, 李文帅, 吴秉臻, 王连国.	岩石力学与工程学报	2020-09, 39: 9, 1808-1818	EI
8	化学腐蚀后灰岩动态拉伸力学特性试验研究	张站群, 蔚立元, 李光雷, 苏海健, 靖洪文.	岩土工程学报	2020-06, 42: 6, 1151-1158	EI
9	层状岩体中巷道底板应力分布规律及损伤破坏特征	杨仁树, 朱晔, 李永亮, 李炜煜.	中国矿业大学学报	2020-07, 49: 4, 615-626 and 645	EI
10	Evaluation of variability characteristics of mechanical parameters of artificially frozen clay in deep alluvium	Tao Wang, Hao Zhang, 周国庆, Xiangyu Liu	Cold Regions Science and Technology	2020-03, 171, 102978	SCI
11	DEM exploration of the effect of particle shape on particle breakage in granular assemblies	张涛, 张驰, Zou Jiuqun, Wang Baosheng, Song Fangnian, 杨维好	COMPUTERS AND GEOTECHNICS	2020-06, 122, 103542	SCI
12	Analytical solution for classical one-dimensional thaw consolidation model considering unfrozen water effect and time-varying load	周扬, Zhang Li-ying, Xu Cheng, Wang Tao, Zhou Guo-qing	COMPUTERS AND GEOTECHNICS	2020-06, 122, 103513	SCI
13	A novel energy-absorbing rock bolt with high constant working resistance and long elongation:	Hao Yang, 吴宇, Ranjith P. G., Zhang Kai, Hao	CONSTRUCTION AND BUILDING MATERIALS	2020-05, 243, 118231	SCI

序号	论文或专著名称	所有作者	刊物名称	年、卷、期、页	收录类别
	Principle and static pull-out test	Guan, Teng Yi			
14	Experimental and theoretical analysis of hydraulic fracturing and gas fracturing of rock under true triaxial compressions	陆银龙, He Mengqi, Wu Bingzhen, Meng Xingyu	ENGINEERING FRACTURE MECHANICS	2020-07, 234, 107100	SCI
15	Laboratory investigation on gas permeability of compacted GMZ bentonite under a coupled hydraulic-mechanical effect	刘江峰, Ni Hong-Yang, Cao Xu-Lou, Ma Li-Ke, Guo Jing-Na, Chen Xu	ENGINEERING GEOLOGY	2020-10, 276, 105761	SCI
16	Assessment of spatial variability of hydraulic conductivity of seasonally frozen ground in Northeast China	Wang Tao, Liu Yuqiang, 王建州, Wang Di	ENGINEERING GEOLOGY	2020-09, 274, 105741	SCI
17	A COUPLING ANALYSIS FOR HEAT TRANSFER AND WATER FLOW IN A FRACTAL ROUGH FRACTURE OF GEOTHERMAL RESERVOIRS	Ye Zhiwei, 王建国	FRACTALS-COMPLEX GEOMETRY PATTERNS AND SCALING IN NATURE AND SOCIETY	2020-09, 28:6, 2050100	SCI
18	INVESTIGATIONS ON REPRESENTATIVE ELEMENTARY VOLUME AND DIRECTIONAL PERMEABILITY OF FRACTAL-BASED FRACTURE NETWORKS USING POLYGON SUB-MODELS	Zhang Jing, 刘日成, Yu Liyuan, Jing Hongwen, Yin Qian	FRACTALS-COMPLEX GEOMETRY PATTERNS AND SCALING IN NATURE AND SOCIETY	2020-08, 28:5, 2050085	SCI
19	The variable-mass seepage law of broken porous rock: an experimental study	王迎超, Chen Fan, Li XiaoZhao, Yin Xin, Lei Yating	GEOMATICS NATURAL HAZARDS & RISK	2020-12, 11:1, 1991-2005	SCI
20	Experimental investigation and numerical analysis for red sandstone rock fragmentation	Jiuqun Zou, Jihuan Han, Tao Zhang, 杨维好	International Journal of Geomechanics	2020-12, 20:12, 4020222	SCI
21	A numerical study of shear-induced evolutions of geometric and hydraulic properties of self-affine rough-walled rock fractures	刘日成, Huang Na, Jiang Yujing, Jing Hongwen, Yu Liyuan	INTERNATIONAL JOURNAL OF ROCK MECHANICS AND MINING	2020-03, 127, 104211	SCI

序号	论文或专著名称	所有作者	刊物名称	年、卷、期、页	收录类别
			SCIENCES		
22	Mechanical, acoustic, and fracture behaviors of yellow sandstone specimens under triaxial monotonic and cyclic loading	杨圣奇, Huang Yan-Hua, Tang Jin-Zhou	INTERNATIONAL JOURNAL OF ROCK MECHANICS AND MINING SCIENCES	2020-06, 130, 104268	SCI
23	A Hilbert polarization imaging method with breakpoint diffracted wave in front of roadway	王勃, Jin Biao, Huang Lanying, Liu Shengdong, Sun Huachao, Liu Jinsuo, Ding Xin, Wang Shengcheng	JOURNAL OF APPLIED GEOPHYSICS	2020-06, 177, 104032	SCI
24	Research on shotcrete in mine using non-activated waste coal gangue aggregate	Xiao Meng, 巨峰, He Ze-quan	JOURNAL OF CLEANER PRODUCTION	2020-06, 259, 120810	SCI
25	Strength prediction model considering material, ultrasonic and stress of cemented waste rock backfill for recycling gangue	Wu Jiangyu, 靖洪文, Yin Qian, Yu Liyuan, Meng Bo, Li Shuncaai	JOURNAL OF CLEANER PRODUCTION	2020-12, 276, 123189	SCI
26	Benchmark solutions of large-strain cavity contraction for deep tunnel convergence in geomaterials	莫品强, Yong Fang, Hai-Sui Yu	Journal of Rock Mechanics and Geotechnical Engineering	2020-06, 12:3, 596-607	SCI
27	Stabilizing effect of methylcellulose on the dispersion of multi-walled carbon nanotubes in cementitious composites	Du Mingrui, Gao Yuan, Han Guansheng, Li Luan, 靖洪文	NANOTECHNOLOGY REVIEWS	2020-01, 9:1, 93-104	SCI
28	Effect of Cyclic Loading on the Shear Behaviours of Both Unfilled and Infilled Rough Rock Joints Under Constant Normal Stiffness Conditions	Han Guansheng, 靖洪文, Jiang Yujing, Liu Richeng, Wu Jiangyu	ROCK MECHANICS AND ROCK ENGINEERING	2020-01, 53:1, 31-57	SCI
29	Experimental study on the dynamic fracture mechanical properties of limestone after chemical corrosion	蔚立元, Zhang Zhanqun, Wu Jiangyu, Liu Richeng, Qin Hao, Fan Pengxian	THEORETICAL AND APPLIED FRACTURE MECHANICS	2020-08, 108, 102620	SCI

序号	论文或专著名称	所有作者	刊物名称	年、卷、期、页	收录类别
30	In-situ visualization experiments on the microscopic process of particle filtration of cement grouts within a rock fracture	陆银龙, He Mengqi, Wang Lianguo, Ren Bo, Sun Xiaokang, Zhang Kaiwen	TUNNELLING AND UNDERGROUND SPACE TECHNOLOGY	2020-01, 95, 103157	SCI
31	A new method for estimating salt expansion in saturated saline soils during cooling based on electrical conductivity	Tang Rui, 周国庆, Wang Jianzhou, Zhao Guangsi, Lai Zejin, Jiu Fengyuan	COLD REGIONS SCIENCE AND TECHNOLOGY	2020-02, 170, 102943	SCI
32	Strength properties and evolution laws of cracked sandstone samples in re-loading tests	Zong Yijiang, 韩立军, Meng Qinbin, Wang Yingchao	INTERNATIONAL JOURNAL OF MINING SCIENCE AND TECHNOLOGY	2020-03, 30:2, 251-258	SCI
33	Deformation and failure characteristics of anchorage structure of surrounding rock in deep roadway	靖洪文, Wu Jianguyu, Yin Qian, Wang Ke	INTERNATIONAL JOURNAL OF MINING SCIENCE AND TECHNOLOGY	2020-09, 30:5, 593-604	SCI