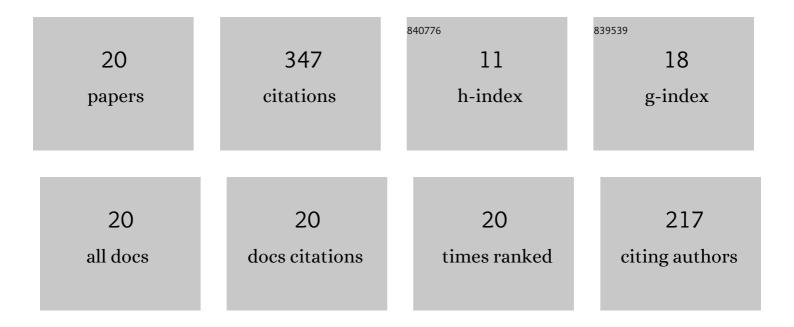
Zhengzheng Xie

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Investigation on the evolution and control of surrounding rock fracture under different supporting conditions in deep roadway during excavation period. International Journal of Rock Mechanics and Minings Sciences, 2019, 123, 104122.	5.8	64
2	Practices, experience, and lessons learned based on field observations of support failures in some Chinese coal mines. International Journal of Rock Mechanics and Minings Sciences, 2019, 123, 104097.	5.8	36
3	Physical model test study on support of super pre-stressed anchor in the mining engineering. Engineering Failure Analysis, 2020, 118, 104833.	4.0	34
4	Field and numerical investigation on roof failure and fracture control of thick coal seam roadway. Engineering Failure Analysis, 2021, 128, 105594.	4.0	31
5	Rapid Excavation and Stability Control of Deep Roadways for an Underground Coal Mine with High Production in Inner Mongolia. Sustainability, 2018, 10, 1160.	3.2	24
6	Stability of Deep Underground Openings through Large Fault Zones in Argillaceous Rock. Sustainability, 2017, 9, 2153.	3.2	22
7	Deformation Field Evolution and Failure Mechanisms of Coal–Rock Combination Based on the Digital Speckle Correlation Method. Energies, 2019, 12, 2511.	3.1	22
8	Study on Safety Control of Composite Roof in Deep Roadway Based on Energy Balance Theory. Sustainability, 2019, 11, 3688.	3.2	19
9	Fiber Bragg Grating Monitoring of Full-bolt Axial Force of the Bolt in the Deep Strong Mining Roadway. Sensors, 2020, 20, 4242.	3.8	18
10	Cooperative Control Mechanism of Long Flexible Bolts and Blasting Pressure Relief in Hard Roof Roadways of Extra-Thick Coal Seams: A Case Study. Applied Sciences (Switzerland), 2021, 11, 4125.	2.5	13
11	Laboratory Testing of Silica Sol Grout in Coal Measure Mudstones. Materials, 2016, 9, 940.	2.9	12
12	Experimental Study of Imbibition Characteristics of Silica Sol in Coal-Measure Mudstone Matrix. Applied Sciences (Switzerland), 2017, 7, 300.	2.5	10
13	Study on Efficient Utilization Technology of Coal Pillar Based on Gob-Side Entry Driving in a Coal Mine with Great Depth and High Production. Sustainability, 2019, 11, 1706.	3.2	9
14	Study on the Pore-throat structure characterization and nano grouting law of the Low-permeability mudstone based on NMR-RSM methods. Construction and Building Materials, 2022, 342, 127913.	7.2	8
15	Research and Application of Low Density Roof Support Technology of Rapid Excavation for Coal Roadway. Geotechnical and Geological Engineering, 2020, 38, 389-401.	1.7	7
16	Study on Mechanical Properties and Application of a New Flexible Bolt. Applied Sciences (Switzerland), 2021, 11, 924.	2.5	6
17	Influence of Polypropylene Fiber on Tensile Property of a Cement-Polymer Based Thin Spray-On Liner. Applied Sciences (Switzerland), 2019, 9, 2876.	2.5	5
18	Study on Magnetic Resonance Characteristics of Coal Sample under Progressive Loads. Applied Sciences (Switzerland), 2020, 10, 6526.	2.5	4

#	Article	lF	CITATIONS
19	Deterioration of Coal Microstructure under Discontinuous Cyclic Loading Based on Nuclear Magnetic Resonance. Applied Sciences (Switzerland), 2021, 11, 462.	2.5	2
20	Failure Characteristics and Stability Control of Bolt Support in Thick-Coal-Seam Roadway of Three Typical Coal Mines in China. Shock and Vibration, 2021, 2021, 1-16.	0.6	1