

# Shizhong Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3930577/publications.pdf>

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19  
papers

167  
citations

1040056

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h-index

1125743

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g-index

19  
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19  
docs citations

19  
times ranked

122  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment and Prevention of Water and Sand Inrush Associated with Coal Mining Under a Water-filled Buried Gully: A Case Study. <i>Mine Water and the Environment</i> , 2018, 37, 565-576.	2.0	20
2	Physical simulation research on evolution laws of clay aquifuge stability during slice mining. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	2.7	19
3	Study on material properties and similar material proportion of weakly cemented water-resisting strata. <i>Arabian Journal of Geosciences</i> , 2019, 12, 1.	1.3	17
4	Impacts of longwall mining speeds on permeability of weakly cemented strata and subsurface watertable: a case study. <i>Geomatics, Natural Hazards and Risk</i> , 2021, 12, 3063-3088.	4.3	15
5	Experimental Study on the Permeability of Weakly Cemented Rock under Different Stress States in Triaxial Compression Tests. <i>Geofluids</i> , 2018, 2018, 1-9.	0.7	14
6	Effect of mining parameters on surface deformation and coal pillar stability under customized shortwall mining of deep extra-thick coal seams. <i>Energy Reports</i> , 2021, 7, 2138-2154.	5.1	14
7	Dual-hazard control mechanism of burst-prone and spontaneous combustion coalface considering effect of retreat speed. <i>Energy Reports</i> , 2021, 7, 278-288.	5.1	13
8	Experimental study on the influence of hydro-chemical erosion on morphology parameters and shear properties of limestone fractures. <i>Acta Geotechnica</i> , 2021, 16, 3867-3880.	5.7	12
9	Evaluation of eco-environmental quality for the coal-mining region using multi-source data. <i>Scientific Reports</i> , 2022, 12, 6623.	3.3	12
10	An Index of Aquiclude Destabilization for Mining-Induced Roof Water Inrush Forecasting: A Case Study. <i>Water (Switzerland)</i> , 2019, 11, 2170.	2.7	8
11	Impact of Mine Panel Size on Hydraulic Permeability of Weakly Cemented Strata. <i>Sustainability</i> , 2020, 12, 2396.	3.2	7
12	Disaster Control of Roof Falling in Deep Coal Mine Roadway Subjected to High Abutment Pressure. <i>Geofluids</i> , 2021, 2021, 1-17.	0.7	5
13	Fracture Propagation and Hydraulic Properties of a Coal Floor Subjected to Thick-Seam Longwalling above a Highly Confined Aquifer. <i>Geofluids</i> , 2021, 2021, 1-12.	0.7	3
14	Feasibility study on fully mechanized large mining height long wall top-coal caving mining in ultra-thick (20â€“30 m), parting-rich coal seams: A case study of the Laosangou mining field in China. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 0, , 1-24.	2.3	2
15	Impacts of Underground Coal Mining on the Roots of Xeromorphic Plant: A Case Study. <i>Environmental Engineering Science</i> , 2021, 38, 500-512.	1.6	2
16	A New Repeated Mining Method With Preexisting Damage Zones Filled for Ultra-Thick Coal Seam Extraction â€“ Case Study. <i>Frontiers in Earth Science</i> , 2022, 10, .	1.8	2
17	Experimental Investigation on Post-Peak Permeability Evolution Law of Saturated Sandstone under Various Cyclic Loadingâ€“Unloading and Confining Pressure. <i>Water (Switzerland)</i> , 2022, 14, 1773.	2.7	2
18	A Coal Bump Risk Assessment and Prediction Model Based on Multiparameter Indices. <i>Geofluids</i> , 2022, 2022, 1-10.	0.7	0

#	ARTICLE	IF	CITATIONS
19	Field Detection and Numerical Simulation Study on Roof Asymmetric Fracture Mechanism of Large-Span Soft Rock Roadway with Discontinuity Surface. <i>Geofluids</i> , 2022, 2022, 1-17.	0.7	0