

# XIgui Zheng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2816651/publications.pdf>

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14  
papers

130  
citations

1163117

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1199594

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docs citations

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times ranked

132  
citing authors

#	ARTICLE	IF	CITATIONS
1	Strength Restoration of Cracked Sandstone and Coal under a Uniaxial Compression Test and Correlated Damage Source Location Based on Acoustic Emissions. PLoS ONE, 2015, 10, e0145757.	2.5	17
2	Application of a Backfilling Method in Coal Mining to Realise an Ecologically Sensitive “Black Gold” Industry. Energies, 2015, 8, 3628-3639.	3.1	15
3	Measurement and analysis of penetration rate and vibration on a roof bolter for identification rock interface of roadway roof. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2020, 42, 2751-2763.	2.3	15
4	Recognition of interface and category of roadway roof strata based on drilling parameters. Journal of Petroleum Science and Engineering, 2021, 204, 108724.	4.2	14
5	Serial decoupling of bolts in coal mine roadway supports. Arabian Journal of Geosciences, 2015, 8, 6709-6722.	1.3	13
6	Experimental study of axial stress distribution and transfer along the bolt rods in an underground coal mine. Arabian Journal of Geosciences, 2016, 9, 1.	1.3	11
7	Implementation of a Pretensioned, Fully Bonded Bolting System and Its Failure Mechanism Based on Acoustic Emission: A Laboratorial and Field Study. Geotechnical Testing Journal, 2017, 40, 978-999.	1.0	11
8	Research on Drilling Response Characteristics of Two-Wing PDC Bit. Sustainability, 2020, 12, 406.	3.2	9
9	Full-Stress Anchoring Technology and Application of Bolts in the Coal Roadway. Energies, 2021, 14, 7475.	3.1	8
10	Strengthening Borehole Configuration from the Retaining Roadway for Greenhouse Gas Reduction: A Case Study. PLoS ONE, 2015, 10, e0115874.	2.5	7
11	An experimental investigation into the borehole drilling and strata characteristics. PLoS ONE, 2021, 16, e0253663.	2.5	5
12	Automatic identification of rock formation interface based on borehole imaging. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2024, 46, 493-504.	2.3	2
13	Stress Evolution Mechanism and Control Technology for Reversing Mining and Excavation under Mining-Induced Dynamic Pressure in Deep Mine. Geofluids, 2022, 2022, 1-17.	0.7	2
14	Research on borehole forming characteristics of two-wing polycrystalline diamond compact bit in coal mines. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2023, 45, 12329-12342.	2.3	1