

# Lianzhen Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2997645/publications.pdf>

Version: 2024-02-01

12  
papers

74  
citations

1684188  
5  
h-index

1474206  
9  
g-index

12  
all docs

12  
docs citations

12  
times ranked

80  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stress analysis of primary support arch cover excavation in metro station based on 3D geomechanical model experiment. <i>Arabian Journal of Geosciences</i> , 2018, 11, 1.	1.3	12
2	Development of a damage rheological model and its application in the analysis of mechanical properties of jointed rock masses. <i>Energy Science and Engineering</i> , 2019, 7, 1016-1031.	4.0	12
3	Analysis of the Sealing Mechanism of Cement-Sodium Silicate Grout in Rock Fractures with Flowing Water. <i>Water (Switzerland)</i> , 2020, 12, 1935.	2.7	11
4	Research on Influence of Water-Cement Ratio on Reinforcement Effect for Permeation Grouting in Sand Layer. <i>Advances in Materials Science and Engineering</i> , 2020, 2020, 1-12.	1.8	11
5	Viscoelastic analysis of the creep characteristics of interlayered rock specimens under uniaxial compression. <i>Mechanics of Time-Dependent Materials</i> , 2021, 25, 37-60.	4.4	6
6	On the Measurement of Particle Contact Curvature and Young's Modulus Using X-ray $\mu$ CT. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1752.	2.5	5
7	Validation of a particle impact breakage model incorporating impact number effect. <i>Particuology</i> , 2023, 75, 96-108.	3.6	5
8	Model Test on Segmental Grouting Diffusion Process in Muddy Fault of Tunnel Engineering. <i>Geofluids</i> , 2020, 2020, 1-12.	0.7	4
9	Quality Evaluation and Applicability Analysis of TRD Method in Sand Stratum of Subway Station. <i>Geotechnical and Geological Engineering</i> , 2019, 37, 3013-3023.	1.7	3
10	Quantitative Design Method for Grouting in Sand Layers: Practice in Qingdao Metro Line 2. <i>Processes</i> , 2022, 10, 840.	2.8	3
11	Test on Compaction Reinforcement Effect of Sand. <i>Advances in Materials Science and Engineering</i> , 2020, 2020, 1-17.	1.8	2
12	Study on Grouted Body Deterioration Mechanism of Sand Layer in Seawater Environment. <i>Advances in Materials Science and Engineering</i> , 2021, 2021, 1-8.	1.8	0