

Jia-wen Zhou

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134
papers

1,473
citations

21
h-index

32
g-index

146
ext. papers

1,954
ext. citations

3.2
avg, IF

5.35
L-index

#	Paper	IF	Citations
134	Comprehensive analyses of the initiation and entrainment processes of the 2000 Yigong catastrophic landslide in Tibet, China. <i>Landslides</i> , 2016 , 13, 39-54	6.6	100
133	Dynamic process analysis for the initiation and movement of the Donghekou landslide-debris flow triggered by the Wenchuan earthquake. <i>Journal of Asian Earth Sciences</i> , 2013 , 76, 70-84	2.8	83
132	Dynamic process analysis for the formation of Yangjiagou landslide-dammed lake triggered by the Wenchuan earthquake, China. <i>Landslides</i> , 2013 , 10, 331-342	6.6	70
131	Effect of freeze-thaw cycles on mechanical properties and permeability of red sandstone under triaxial compression. <i>Journal of Mountain Science</i> , 2015 , 12, 218-231	2.1	55
130	The mechanisms behind shallow failures in slopes comprised of landslide deposits. <i>Engineering Geology</i> , 2014 , 180, 34-44	6	48
129	A microcrack damage model for brittle rocks under uniaxial compression. <i>Mechanics Research Communications</i> , 2010 , 37, 399-405	2.2	46
128	The 28 October 1996 landslide and analysis of the stability of the current Huashiban slope at the Liangjiaren Hydropower Station, Southwest China. <i>Engineering Geology</i> , 2010 , 114, 45-56	6	44
127	A Further Improved Maximum Tangential Stress Criterion for Assessing Mode I Fracture of Rocks Considering Non-singular Stress Terms of the Williams Expansion. <i>Rock Mechanics and Rock Engineering</i> , 2018 , 51, 3471-3488	5.7	40
126	Numerical simulation of landslide-generated waves during the 11 October 2018 Baige landslide at the Jinsha River. <i>Landslides</i> , 2020 , 17, 2317-2328	6.6	34
125	Debris flows introduced in landslide deposits under rainfall conditions: The case of Wenjiagou gully. <i>Journal of Mountain Science</i> , 2013 , 10, 249-260	2.1	33
124	Comprehensive analyses of the initiation and landslide-generated wave processes of the 24 June 2015 Hongyanzi landslide at the Three Gorges Reservoir, China. <i>Landslides</i> , 2016 , 13, 589-601	6.6	32
123	Quantitative assessment for the rockfall hazard in a post-earthquake high rock slope using terrestrial laser scanning. <i>Engineering Geology</i> , 2019 , 248, 1-13	6	30
122	Discrete element modeling of the mass movement and loose material supplying the gully process of a debris avalanche in the Bayi Gully, Southwest China. <i>Journal of Asian Earth Sciences</i> , 2015 , 99, 95-111	2.8	29
121	Failure Mechanisms and Evolution Assessment of the Excavation Damaged Zones in a Large-Scale and Deeply Buried Underground Powerhouse. <i>Rock Mechanics and Rock Engineering</i> , 2017 , 50, 1883-1900	5.7	28
120	Time evolution and spatial accumulation of progressive failure for Xinhua slope in the Dagangshan reservoir, Southwest China. <i>Landslides</i> , 2018 , 15, 565-580	6.6	25
119	Mass movement and formation process analysis of the two sequential landslide dam events in Jinsha River, Southwest China. <i>Landslides</i> , 2019 , 16, 2247-2258	6.6	25
118	Landslides triggered by the 3 August 2014 Ludian earthquake in China: geological properties, geomorphologic characteristics and spatial distribution analysis. <i>Geomatics, Natural Hazards and Risk</i> , 2016 , 7, 1219-1241	3.6	23

117	Deformation and failure analyses of large underground caverns during construction of the Houziyan Hydropower Station, Southwest China. <i>Engineering Failure Analysis</i> , 2017 , 80, 164-185	3.2	22
116	Size distribution, morphology and fractal characteristics of brittle rock fragmentations by the impact loading effect. <i>Acta Mechanica</i> , 2015 , 226, 3623-3637	2.1	22
115	Numerical analysis of different ventilation schemes during the construction process of inclined tunnel groups at the Changheba Hydropower Station, China. <i>Tunnelling and Underground Space Technology</i> , 2016 , 59, 157-169	5.7	22
114	Practical application of the coupled DDA-SPH method in dynamic modeling for the formation of landslide dam. <i>Landslides</i> , 2019 , 16, 1021-1032	6.6	22
113	A reliability analysis method for rock slope controlled by weak structural surface. <i>Geosciences Journal</i> , 2017 , 21, 453-467	1.4	21
112	Experimental study of the impact factors of natural dam failure introduced by a landslide surge. <i>Environmental Earth Sciences</i> , 2015 , 74, 4075-4087	2.9	19
111	Dam-break flood risk assessment and mitigation measures for the Hongshiyuan landslide-dammed lake triggered by the 2014 Ludian earthquake. <i>Geomatics, Natural Hazards and Risk</i> , 2017 , 8, 803-821	3.6	18
110	Experimental Research on the Mechanical Properties of PVA Fiber Reinforced Concrete. <i>Research Journal of Applied Sciences, Engineering and Technology</i> , 2013 , 5, 4563-4567	0.2	18
109	Failure mechanism and stability analysis of the Zhenggang landslide in Yunnan Province of China using 3D particle flow code simulation. <i>Journal of Mountain Science</i> , 2016 , 13, 891-905	2.1	18
108	Geological Survey and Unstable Rock Block Movement Monitoring of a Post-Earthquake High Rock Slope Using Terrestrial Laser Scanning. <i>Rock Mechanics and Rock Engineering</i> , 2020 , 53, 4523-4537	5.7	16
107	Deformation process and mechanism analyses for a planar sliding in the Mayanpo massive bedding rock slope at the Xiangjiaba Hydropower Station. <i>Landslides</i> , 2018 , 15, 2061-2073	6.6	16
106	Effects of Material Composition and Water Content on the Mechanical Properties of Landslide Deposits Triggered by the Wenchuan Earthquake. <i>Acta Geologica Sinica</i> , 2016 , 90, 242-257	0.7	16
105	Experimental study on the river blockage and landslide dam formation induced by rock slides. <i>Engineering Geology</i> , 2019 , 261, 105269	6	15
104	Granular Effects on Depositional Processes of Debris Avalanches. <i>KSCE Journal of Civil Engineering</i> , 2020 , 24, 1116-1127	1.9	15
103	Initiation mechanism and quantitative mass movement analysis of the 2019 Shuicheng catastrophic landslide. <i>Quarterly Journal of Engineering Geology and Hydrogeology</i> , 2021 , 54, qjeh2020-052	1.4	15
102	Large Deformation Characteristics and Reinforcement Measures for a Rock Pillar in the Houziyan Underground Powerhouse. <i>Rock Mechanics and Rock Engineering</i> , 2018 , 51, 561-578	5.7	15
101	Contribution of Excessive Supply of Solid Material to a Runoff-Generated Debris Flow during Its Routing Along a Gully and Its Impact on the Downstream Village with Blockage Effects. <i>Water (Switzerland)</i> , 2019 , 11, 169	3	14
100	Effects of in-situ stresses on dynamic rock responses under blast loading. <i>Mechanics of Materials</i> , 2020 , 145, 103374	3.3	14

99	The impact of human activities on the occurrence of mountain flood hazards: lessons from the 17 August 2015 flash flood/debris flow event in Xuyong County, south-western China. <i>Geomatics, Natural Hazards and Risk</i> , 2018 , 9, 816-840	3.6	14
98	Integration of Terrestrial Laser Scanning and NURBS Modeling for the Deformation Monitoring of an Earth-Rock Dam. <i>Sensors</i> , 2018 , 19,	3.8	13
97	An Experimental Study on the Water-Induced Strength Reduction in Zigong Argillaceous Siltstone with Different Degree of Weathering. <i>Advances in Materials Science and Engineering</i> , 2016 , 2016, 1-12	1.5	13
96	Simulating the Xinmo landslide runout considering entrainment effect. <i>Environmental Earth Sciences</i> , 2019 , 78, 1	2.9	12
95	Experimental study of the fragmentation characteristics of brittle rocks by the effect of a freefall round hammer. <i>International Journal of Fracture</i> , 2015 , 194, 169-185	2.3	12
94	A fuzzy comprehensive method for the risk assessment of a landslide-dammed lake. <i>Environmental Earth Sciences</i> , 2018 , 77, 1	2.9	12
93	Numerical investigation of blast-induced rock fragmentation. <i>Computers and Geotechnics</i> , 2020 , 128, 103846	4.4	11
92	Effects of a flexible net barrier on the dynamic behaviours and interception of debris flows in mountainous areas. <i>Journal of Mountain Science</i> , 2017 , 14, 1903-1918	2.1	10
91	Monitoring of displacement evolution during the pre-failure stage of a rock block using ground-based radar interferometry. <i>Landslides</i> , 2019 , 16, 1721-1730	6.6	10
90	Forecasting and prevention of water inrush during the excavation process of a diversion tunnel at the Jinping II Hydropower Station, China. <i>SpringerPlus</i> , 2016 , 5, 700		10
89	Effects of model parameters, topography, and scale on the mass movement processes of debris avalanches using the discrete element method. <i>Arabian Journal of Geosciences</i> , 2016 , 9, 1	1.8	10
88	Digital Image-based Identification Method for the Determination of the Particle Size Distribution of Dam Granular Material. <i>KSCE Journal of Civil Engineering</i> , 2018 , 22, 2820-2833	1.9	10
87	Geotechnical characteristics and stability analysis of rock-soil aggregate slope at the Gushui Hydropower Station, southwest China. <i>Scientific World Journal, The</i> , 2013 , 2013, 540636	2.2	9
86	Large deformation evolution and failure mechanism analysis of the multi-freeface surrounding rock mass in the Baihetan underground powerhouse. <i>Engineering Failure Analysis</i> , 2019 , 100, 214-226	3.2	8
85	An experimental study on controlling post-earthquake debris flows using slit dams. <i>Environmental Earth Sciences</i> , 2017 , 76, 1	2.9	8
84	An analysis of the supply process of loose materials to mountainous rivers and gullies as a result of dry debris avalanches. <i>Environmental Earth Sciences</i> , 2017 , 76, 1	2.9	8
83	An empirical approach for evaluation of the potential of debris flow occurrence in mountainous areas. <i>Environmental Earth Sciences</i> , 2014 , 71, 2979-2988	2.9	8
82	Experimental study on the formation of landslide dams by fragmentary materials from successive rock slides. <i>Bulletin of Engineering Geology and the Environment</i> , 2020 , 79, 1591-1604	4	8

81	An analysis of the entrainment effect of dry debris avalanches on loose bed materials. <i>SpringerPlus</i> , 2016 , 5, 1621		8
80	Temporal and Spatial Evolution of Vegetation Coverage in the Mianyuan River Basin Influenced by Strong Earthquake Disturbance. <i>Scientific Reports</i> , 2019 , 9, 16762	4.9	8
79	Dynamical process of the Hongshiyuan landslide induced by the 2014 Ludian earthquake and stability evaluation of the back scarp of the remnant slope. <i>Bulletin of Engineering Geology and the Environment</i> , 2019 , 78, 2081-2092	4	8
78	Experimental study on the dynamic response and stability of bedding rock slopes with weak interlayers under heavy rainfall. <i>Environmental Earth Sciences</i> , 2018 , 77, 1	2.9	8
77	Coupled chemo-hydro-mechanical effects in one-dimensional accretion of cemented mine fills. <i>Engineering Geology</i> , 2020 , 267, 105495	6	7
76	Physical and Compaction Properties of Granular Materials with Artificial Grading behind the Particle Size Distributions. <i>Advances in Materials Science and Engineering</i> , 2018 , 2018, 1-20	1.5	7
75	Experimental Study of Epoxy Resin Repairing of Cracks in Fractured Rocks. <i>Polymers and Polymer Composites</i> , 2014 , 22, 459-466	0.8	7
74	MICROMECHANICS DAMAGE MODELING OF BRITTLE ROCK FAILURE PROCESSES UNDER COMPRESSION. <i>International Journal of Computational Methods</i> , 2013 , 10, 1350034	1.1	7
73	Two-dimensional stability analysis of a soil slope using the finite element method and the limit equilibrium principle. <i>IES Journal Part A: Civil and Structural Engineering</i> , 2015 , 8, 251-264		6
72	A generic framework for overpressure generation in sedimentary sequences under thermal perturbations. <i>Computers and Geotechnics</i> , 2020 , 124, 103636	4.4	6
71	A theoretical model for the estimation of maximum impact force from a rockfall based on contact theory. <i>Journal of Mountain Science</i> , 2018 , 15, 430-443	2.1	6
70	Dynamical evolution properties of debris flows controlled by different mesh-sized flexible net barriers. <i>Arabian Journal of Geosciences</i> , 2018 , 11, 1	1.8	6
69	Assessment of the Excavation-Damaged Zone in a Tall Rock Slope Using Acoustic Testing Method. <i>Geotechnical and Geological Engineering</i> , 2014 , 32, 1149-1158	1.5	6
68	An estimation model for the fragmentation properties of brittle rock block due to the impacts against an obstruction. <i>Journal of Mountain Science</i> , 2017 , 14, 1161-1173	2.1	6
67	A Mathematical Model for Forecasting the Dam-Break Flood Routing Process of a Landslide Dam. <i>Mathematical Problems in Engineering</i> , 2012 , 2012, 1-16	1.1	6
66	Quantitative hazard assessment of rockfall and optimization strategy for protection systems of the Huashiya cliff, southwest China. <i>Geomatics, Natural Hazards and Risk</i> , 2020 , 11, 1939-1965	3.6	6
65	Numerical simulation of the entrainment effect during mass movement in high-speed debris avalanches. <i>Arabian Journal of Geosciences</i> , 2019 , 12, 1	1.8	6
64	Hydraulic response and stability of a reservoir slope with landslide potential under the combined effect of rainfall and water level fluctuation. <i>Environmental Earth Sciences</i> , 2021 , 80, 1	2.9	6

63	Quantitative hazard analysis and mitigation measures of rockfall in a high-frequency rockfall region. <i>Bulletin of Engineering Geology and the Environment</i> , 2021 , 80, 3439-3456	4	5
62	Determination method for shear strength parameters of rock-soil mixtures using close-range photogrammetry and 3-D limit equilibrium theory. <i>Journal of Mountain Science</i> , 2015 , 12, 1068-1083	2.1	4
61	Instability analysis of a quaternary deposition slope after two sudden events of river water fluctuations. <i>European Journal of Environmental and Civil Engineering</i> , 2020 , 1-19	1.5	4
60	Effects of fine particle content and sample scale on the failure properties of loose landslide deposits. <i>Arabian Journal of Geosciences</i> , 2018 , 11, 1	1.8	4
59	A mathematical model for determining the maximum impact stress on a downstream structure induced by dam-break flow in mountain rivers. <i>Arabian Journal of Geosciences</i> , 2015 , 8, 4541-4553	1.8	4
58	Experimental research on the dam-break mechanisms of the Jiadanwan landslide dam triggered by the Wenchuan earthquake in China. <i>Scientific World Journal, The</i> , 2013 , 2013, 272363	2.2	4
57	Experimental and numerical study on the load and deformation mechanism of a flexible net barrier under debris flow impact. <i>Bulletin of Engineering Geology and the Environment</i> , 2020 , 79, 2213-2233	4	4
56	New Permeable Structure for Controlling Debris Flows in the Wenjiagou Gully. <i>KSCE Journal of Civil Engineering</i> , 2018 , 22, 4293-4305	1.9	4
55	Flood Routing Process and High Dam Interception of Natural Discharge from the 2018 Baige Landslide-Dammed Lake. <i>Water (Switzerland)</i> , 2020 , 12, 605	3	3
54	The entrainment effect of a debris avalanche on the erodible substrate in the presence of water flow. <i>KSCE Journal of Civil Engineering</i> , 2018 , 22, 83-91	1.9	3
53	The effect of tetrahedron framed permeable weirs on river bed stability in a mountainous area under clear water conditions. <i>Scientific Reports</i> , 2017 , 7, 4841	4.9	3
52	A Monitoring Method Integrating Terrestrial Laser Scanning and Unmanned Aerial Vehicles for Different Landslide Deformation Patterns. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021 , 1-1	4.7	3
51	Open image in new windowReservoir Landslides and Its Hazard Effects for the Hydropower Station: A Case Study 2017 , 699-706		3
50	Increase in hazard from successive landslide-dammed lakes along the Jinsha River, Southwest China. <i>Geomatics, Natural Hazards and Risk</i> , 2020 , 11, 1115-1128	3.6	3
49	Numerical Simulation of the 2017 Xinmo Catastrophic Landslide Considering Entrainment Effect. <i>Frontiers in Earth Science</i> , 2020 , 8,	3.5	3
48	Influence of size gradation on particle separation and the motion behaviors of debris avalanches. <i>Landslides</i> , 2021 , 18, 1845-1858	6.6	3
47	Topographic Effects on Three-Dimensional Slope Stability for Fluctuating Water Conditions Using Numerical Analysis. <i>Water (Switzerland)</i> , 2020 , 12, 615	3	2
46	A closed-form solution to spherical wave propagation in triaxial stress fields. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2020 , 128, 104266	6	2

45	Variable phenotypic expression of COG6 mutations. <i>Journal of Medical Genetics</i> , 2014 , 51, 425-6	5.8	2
44	Numerical solution for mixed mode crack propagation in brittle solids combined with finite element method and failure criteria. <i>International Journal of Materials and Product Technology</i> , 2012 , 45, 96	1	2
43	Comparative Study of the Excavation Damage and Rockburst of the Deeply Buried Jinping II Diversion Tunnels Using a TBM and the Drilling-Blasting Method. <i>Advances in Civil Engineering</i> , 2020 , 2020, 1-14	1.3	2
42	The Role of Water and Lithology on the Deformation and Failure of an Anacinal Rock Slope in a Hydropower Reservoir. <i>Advances in Civil Engineering</i> , 2020 , 2020, 1-13	1.3	2
41	Determining the Critical Slip Surface of Three-Dimensional Soil Slopes from the Stress Fields Solved Using the Finite Element Method. <i>Mathematical Problems in Engineering</i> , 2016 , 2016, 1-11	1.1	2
40	Large-scale field model tests of landslide dam breaching. <i>Engineering Geology</i> , 2021 , 293, 106322	6	2
39	New method for determining the permeability function parameters of soft soils considering synchronous sedimentation and consolidation. <i>Computers and Geotechnics</i> , 2020 , 127, 103781	4.4	1
38	Entrainment effects and the dynamical evolution of debris avalanche/flow on substrate materials. <i>Journal of Mountain Science</i> , 2019 , 16, 1760-1773	2.1	1
37	ANALYTICAL SOLUTIONS FOR CRACK INITIATION ANGLE OF MIXED MODE CRACK IN SOLID MATERIAL. <i>Mechanika</i> , 2013 , 19,	1.5	1
36	Key Factors Affecting the Deformation and Failure of Surrounding Rock Masses in Large-Scale Underground Powerhouses. <i>Advances in Civil Engineering</i> , 2020 , 2020, 1-20	1.3	1
35	A Slope Stability Analysis Method Combined with Limit Equilibrium and Finite Element Simulation. <i>Advances in Intelligent and Soft Computing</i> , 2012 , 241-247		1
34	Formation-Evolutionary Mechanism Analysis and Impacts of Human Activities on the 20 August 2019 Clustered Debris Flows Event in Wenchuan County, Southwestern China. <i>Frontiers in Earth Science</i> , 2021 , 9,	3.5	1
33	Large deformation and failure mechanism analyses of Tangba high slope with a high-intensity and complex excavation process. <i>Journal of Mountain Science</i> , 2019 , 16, 453-469	2.1	1
32	GIS-based remote sensing analysis of the spatial-temporal evolution of landslides in a hydropower reservoir in southwest China. <i>Geomatics, Natural Hazards and Risk</i> , 2019 , 10, 2291-2312	3.6	1
31	Evaluating slope stability with 3D limit equilibrium technique and its application to landfill in China. <i>Engineering Geology</i> , 2021 , 280, 105939	6	1
30	Quantitative monitoring method for analyzing the erosion of a landslide dam discharge channel using three-dimensional terrestrial laser scanning. <i>Geomatics, Natural Hazards and Risk</i> , 2021 , 12, 1905-1930	3.6	1
29	Overtopping process and structural safety analyses of the earth-rock fill dam with a concrete core wall by using numerical simulations. <i>Arabian Journal of Geosciences</i> , 2021 , 14, 1	1.8	1
28	Spatiotemporal distribution and failure mechanism analyses of reservoir landslides in the Dagangshan reservoir, south-west China. <i>Geomatics, Natural Hazards and Risk</i> , 2018 , 9, 791-815	3.6	1

27	Numerical estimation of landslide-generated waves at Kaiding Slopes, Houziyan Reservoir, China, using a coupled DEM-SPH method. <i>Landslides</i> , 2021 , 18, 3435	6.6	1
26	Thermal-mechanical modelling of rock response and damage evolution during excavation in prestressed geothermal deposits. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2021 , 147, 104913	6	1
25	Investigation of Rockfall Impact Against Gravel Cushion via a Discrete Element Approach. <i>Springer Series in Geomechanics and Geoengineering</i> , 2018 , 1521-1525	0.1	0
24	Multisphere Representation of Convex Polyhedral Particles for DEM Simulation. <i>Advances in Civil Engineering</i> , 2021 , 2021, 1-8	1.3	0
23	Quantitative assessment of rockfall hazard in post-landslide high rock slope through terrestrial laser scanning. <i>Bulletin of Engineering Geology and the Environment</i> , 2021 , 80, 7315	4	0
22	Deformation and stability analyses of a near-dam rocky slope and its potential landslide-generated wave threats. <i>Quarterly Journal of Engineering Geology and Hydrogeology</i> , qjegh2021-018	1.4	0
21	Dynamic evolution mechanism and subsequent reactivated ancient landslide analyses of the B.17□ Danba sequential disasters. <i>Bulletin of Engineering Geology and the Environment</i> , 2022 , 81, 1	4	0
20	A geotechnical index for landslide dam stability assessment. <i>Geomatics, Natural Hazards and Risk</i> , 2022 , 13, 854-876	3.6	0
19	A fully coupled thermo-hydro-mechanical-chemical model for cemented backfill application in geothermal conditions. <i>Engineering Geology</i> , 2022 , 302, 106643	6	0
18	Transport process and mechanism of the Hongshiyuan rock avalanche triggered by the 2014 Ludian earthquake, China. <i>Landslides</i> , 1	6.6	0
17	Quantitative risk assessment of two successive landslide dams in 2018 in the Jinsha River, China. <i>Engineering Geology</i> , 2022 , 106676	6	0
16	The role of wetting-induced expansion of unsaturated soils in potential shallow landslides. <i>Japanese Geotechnical Society Special Publication</i> , 2019 , 7, 148-153	0.2	
15	Comparative experimental study of mechanical properties of concrete prepared by different fibres. <i>IES Journal Part A: Civil and Structural Engineering</i> , 2014 , 7, 151-162		
14	Mineral Compositions and Micro-Structural of Epoxy-Repaired Rock Revealed by X-ray Diffraction and Scanning Electron Microscopy. <i>Research Journal of Applied Sciences, Engineering and Technology</i> , 2013 , 6, 3277-3281	0.2	
13	Experimental Study on Strength and Deformation of Brittle Rock under Different Compression Condition. <i>Materials Science Forum</i> , 2011 , 675-677, 511-514	0.4	
12	Study on the Multi-Layered Excavation Scheme of the Large Underground Powerhouse. <i>Advanced Materials Research</i> , 2011 , 243-249, 3623-3627	0.5	
11	MULTI-LEVEL, MULTI-FACTOR OPTIMIZATION IN DECISION MAKING FOR EMERGENCY TREATMENT OF QUAKE LAKES. <i>Journal of Earthquake and Tsunami</i> , 2011 , 05, 475-491	1.1	
10	Spatiotemporal Evolution of Earthquakes in Longmenshan Fault and Adjacent Area, before and after the 2008 Wenchuan Earthquake. <i>Shock and Vibration</i> , 2021 , 2021, 1-13	1.1	

- 9 Settlement Monitoring and Analysis of Changheba Dam with the Application of Terrestrial Laser Scanning **2018**, 539-546
- 8 Optimal Values of Fines Particle Content on the Mechanical Properties of Granular Material **2018**, 346-353
- 7 Deformation and Failure Analyses of the Surrounding Rock Mass with an Interlayer Shear Zone in the Baihetan Underground Powerhouse. *Advances in Civil Engineering*, **2021**, 2021, 1-18 1.3
- 6 Numerical Simulation Method for Surrounding Rock Stability Analysis of Surge Chamber Under Seismic Conditions. *Lecture Notes in Electrical Engineering*, **2013**, 635-643 0.2
- 5 Denoising Method for Gross Errors and Random Errors of Monitoring Displacement for High Rock Slope. *Lecture Notes in Electrical Engineering*, **2014**, 2169-2177 0.2
- 4 Effect of Particle Size Segregation in Debris Flow Deposition: A Preliminary Study **2018**, 73-80
- 3 Reduction of Landslide Shear Resistance by Gravel Fragmentation: Insights from DEM Modelling **2018**, 34-41
- 2 Deformation and failure mechanism analyses for the surrounding rock mass in a large cylindrical tailrace surge chamber. *Arabian Journal of Geosciences*, **2022**, 15, 1 1.8
- 1 Experimental Study on the Influence of a Cementitious Permeable Crystallization Admixture (CPCA) in Improving Concrete Durability. *Advances in Civil Engineering*, **2022**, 2022, 1-14 1.3