

Bo-An Jang

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

312
citations

1040056

9
h-index

940533

16
g-index

20
all docs

20
docs citations

20
times ranked

298
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of Joint Roughness Coefficients Using Roughness Parameters. <i>Rock Mechanics and Rock Engineering</i> , 2014, 47, 2061-2073.	5.4	113
2	Assessment of erosion resistance of biocemented sandy slope subjected to wave actions. <i>Applied Ocean Research</i> , 2020, 105, 102401.	4.1	34
3	New Method for Shear Strength Determination of Unfilled, Unweathered Rock Joint. <i>Rock Mechanics and Rock Engineering</i> , 2015, 48, 1515-1534.	5.4	32
4	Experimental Study of Interface Shearing between Calcareous Sand and Steel Plate Considering Surface Roughness and Particle Size. <i>Applied Ocean Research</i> , 2021, 107, 102490.	4.1	24
5	Determination of the Basic Friction Angle of Rock Surfaces by Tilt Tests. <i>Rock Mechanics and Rock Engineering</i> , 2018, 51, 989-1004.	5.4	21
6	Correlation of in situ modulus of deformation with degree of weathering, RMR and Q-system. <i>Environmental Earth Sciences</i> , 2013, 69, 2671-2678.	2.7	20
7	Effect of Bedding Plane on the Permeability Evolution of Typical Sedimentary Rocks Under Triaxial Compression. <i>Rock Mechanics and Rock Engineering</i> , 2020, 53, 5283-5291.	5.4	18
8	Influence of Initial Stress and Deformation States on the Shear Creep Behavior of Rock Discontinuities with Different Joint Roughness Coefficients. <i>Rock Mechanics and Rock Engineering</i> , 2021, 54, 5923-5936.	5.4	15
9	Spatial Distribution of CaCO ₃ in Biocemented Sandy Slope Using Surface Percolation. <i>Journal of Materials in Civil Engineering</i> , 2021, 33, .	2.9	14
10	Paleostress reconstructions based on calcite twins in the Joseon Supergroup, northeastern Ogcheon Belt (South Korea). <i>Island Arc</i> , 2008, 17, 57-69.	1.1	6
11	Empirical rock mechanical site-descriptive modeling (RMSDM) for the Korea Atomic Energy Research Institute Underground Research Tunnel (KURT). <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	5
12	Strength improvement of rock fractures and aggregates cemented with bio-slurry. <i>Materials Letters</i> , 2021, 305, 130866.	2.6	4
13	Paleostress from calcite twins of limestone and its tectonic implication in South Korea. <i>Geosystem Engineering</i> , 2012, 15, 157-170.	1.4	2
14	Modeling the cyclic relaxation behavior of the artificial discontinuity. <i>Mechanics of Advanced Materials and Structures</i> , 2021, 28, 111-117.	2.6	2
15	Influence of microbial activity on the physical properties and strength of ilmenite and magnetite ores. <i>Geosciences Journal</i> , 2016, 20, 911-919.	1.2	1
16	Experimental investigations of platform landslide during rainfall processes. <i>Geotechnical Research</i> , 2019, , 1-13.	1.4	1
17	Mesozoic paleostress from healed microcracks and fluid inclusions in some granites of South Korea. <i>Geosciences Journal</i> , 2011, 15, 161-175.	1.2	0
18	Interaction between an Eco-Spiral Bolt and Crushed Rock in a Borehole Evaluated by Pull-Out Testing. <i>Advances in Materials Science and Engineering</i> , 2017, 2017, 1-9.	1.8	0

#	ARTICLE	IF	CITATIONS
19	Shear behavior of greenschist along foliation plane considering anisotropy. International Journal of Earth Sciences, 2019, 108, 1755-1761.	1.8	0
20	Rock Mechanics Modeling of the Site for the 2 nd Step Construction of the KAERI Underground Research Tunnel (KURT). Journal of Engineering Geology, 2014, 24, 247-260.	0.1	0