

Jongmuk Won

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

344
citations

1040056

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839539

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23
all docs

23
docs citations

23
times ranked

319
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of internal stability of sand–fine mixture using particle detachment model and its implications on suffusion. <i>Acta Geotechnica</i> , 2022, 17, 4667-4680.	5.7	5
2	Enhancing the tree-boosting-based pedotransfer function for saturated hydraulic conductivity using data preprocessing and predictor importance using game theory. <i>Geoderma</i> , 2022, 420, 115864.	5.1	5
3	Suffusion of sand–clay mixture by three-staged change of ionic strength. <i>Canadian Geotechnical Journal</i> , 2022, 59, 2008-2013.	2.8	3
4	Facilitation of microbially induced calcite precipitation with kaolinite nucleation. <i>Geotechnique</i> , 2021, 71, 728-734.	4.0	15
5	Upscaling polydispersed particle transport in porous media using pore network model. <i>Acta Geotechnica</i> , 2021, 16, 421-432.	5.7	7
6	Effects of water saturation and distribution on small-strain stiffness. <i>Journal of Applied Geophysics</i> , 2021, 186, 104278.	2.1	7
7	Evolution of Small Strain Soil Stiffness during Freeze-Thaw Cycle: Transition from Capillarity to Cementation Examined Using Magnetic and Piezo Crystal Sensors. <i>Sensors</i> , 2021, 21, 2992.	3.8	5
8	Machine Learning-Based Approach for Seismic Damage Prediction Method of Building Structures Considering Soil-Structure Interaction. <i>Sustainability</i> , 2021, 13, 4334.	3.2	12
9	Influential factors on thermal performance of energy slabs equipped with an insulation layer. <i>Renewable Energy</i> , 2021, 174, 823-834.	8.9	7
10	Kaolinite and illite colloid transport in saturated porous media. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 626, 127052.	4.7	13
11	Thermal conductivity of dry fly ashes with various carbon and biomass contents. <i>Waste Management</i> , 2021, 135, 122-129.	7.4	10
12	Impact of Particle Sizes, Mineralogy and Pore Fluid Chemistry on the Plasticity of Clayey Soils. <i>Sustainability</i> , 2021, 13, 11741.	3.2	4
13	Impact of Solution Chemistry on Deposition and Breakthrough Behaviors of Kaolinite in Silica Sand. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2020, 146, 04019123.	3.0	12
14	Influence of In-situ Cryogenic Freezing on Thermal and Mechanical Characteristics of Korean Marine Clay. <i>KSCE Journal of Civil Engineering</i> , 2020, 24, 3501-3515.	1.9	4
15	Estimation of saturated hydraulic conductivity of coarse-grained soils using particle shape and electrical resistivity. <i>Journal of Applied Geophysics</i> , 2019, 167, 19-25.	2.1	11
16	Impact of Particle Size Distribution of Colloidal Particles on Contaminant Transport in Porous Media. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 932.	2.5	10
17	An experimental study of cotransport of heavy metals with kaolinite colloids. <i>Journal of Hazardous Materials</i> , 2019, 373, 476-482.	12.4	58
18	Stochastic modeling of kaolinite transport through a sand filter. <i>Canadian Geotechnical Journal</i> , 2019, 56, 1573-1583.	2.8	8

#	ARTICLE	IF	CITATIONS
19	Role of Immobile Kaolinite Colloids in the Transport of Heavy Metals. Environmental Science & Technology, 2018, 52, 2735-2741.	10.0	39
20	Numerical Investigation on the Effect of Cementing Properties on the Thermal and Mechanical Stability of Geothermal Wells. Energies, 2016, 9, 1016.	3.1	8
21	Physical properties of G-class cement for geothermal well cementing in South Korea. Renewable Energy, 2015, 80, 123-131.	8.9	25
22	Evaluation of thermal performance of energy textile installed in Tunnel. Renewable Energy, 2012, 42, 11-22.	8.9	76
23	Role of ionic concentration in the kinetic attachment of kaolinite and sand. Canadian Geotechnical Journal, 0, , .	2.8	0