Qi-yin Zhu

List of Publications by Year
in descending order

18 papers	**195** citations

1478280

6

h-index

1199470

12

g-index

| **18**
 all docs | **18**
 docs citations | **18**
 times ranked | **132**
 citing authors |

#	Article	IF	Citations
1	Molecular Dynamics Simulation of Nanoscale Elastic Properties of Hydrated Na-, Cs-, and Ca-Montmorillonite. Applied Sciences (Switzerland), 2022, 12, 678.	1.3	6
2	Overconsolidation Characteristics of Silt Layer in the Guangdong-Hong Kong-Macao Greater Bay Area. Advances in Civil Engineering, 2022, 2022, 1-9.	0.4	1
3	On a Possible Mechanism of Hydrostatic Pressure on Mineshaft Linings in Western China. Geofluids, 2022, 2022, 1-10.	0.3	0
4	Relation of EDL Forces between Clay Particles Calculated by Different Methods. Applied Sciences (Switzerland), 2022, 12, 5591.	1.3	0
5	Interpretation of heating and cooling data from thermal cone penetration test using a 1D numerical model and a PSO algorithm. Computers and Geotechnics, 2021, 130, 103908.	2.3	4
6	Thermal strain response of saturated clays in 1D condition. Journal of Zhejiang University: Science A, 2021, 22, 182-187.	1.3	2
7	Pasternak Model-Based Tunnel Segment Uplift Model of Subway Shield Tunnel during Construction. Advances in Civil Engineering, 2021, 2021, 1-10.	0.4	3
8	Modeling of embankment beneath marine deposited soft sensitive clays considering straightforward creep degradation. Marine Georesources and Geotechnology, 2020, 38, 553-569.	1.2	13
9	On the Calculation of Van der Waals Force between Clay Particles. Minerals (Basel, Switzerland), 2020, 10, 993.	0.8	9
10	Numerical Modeling of Thermal-Dependent Creep Behavior of Soft Clays under One-Dimensional Condition. Advances in Civil Engineering, 2018, 2018, 1-11.	0.4	2
11	Numerical Modeling of Rate-Dependence Behavior of Saturated Frozen Soil. Springer Series in Geomechanics and Geoengineering, 2018, , 1447-1450.	0.0	0
12	Comparison of two creep degradation modeling approaches for soft structured soils. Acta Geotechnica, 2017, 12, 1395-1413.	2.9	45
13	Numerical modeling of creep degradation of natural soft clays under one-dimensional condition. KSCE Journal of Civil Engineering, 2017, 21, 1668-1678.	0.9	6
14	Nonlinearity of one-dimensional creep characteristics of soft clays. Acta Geotechnica, 2016, 11, 887-900.	2.9	75
15	A modified creep index and its application to viscoplastic modelling of soft clays. Journal of Zhejiang University: Science A, 2014, 15, 272-281.	1.3	12
16	Influence of natural deposition plane orientation on oedometric consolidation behavior of three typical clays from southeast coast of China. Journal of Zhejiang University: Science A, 2013, 14, 767-777.	1.3	12
17	State parameterâ€"based thermomechanical constitutive model for saturated fine-grained soils. Canadian Geotechnical Journal, 0, , 1-14.	1.4	5
18	A 1D thermomechanical model for saturated clay and its optimisation-based parameter identification. European Journal of Environmental and Civil Engineering, 0, , 1-17.	1.0	0