

Tong Wei Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8865506/publications.pdf>

Version: 2024-02-01

15
papers

318
citations

840776

11
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

280
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical behaviour and micro-structure of cement-stabilised marine clay with a metakaolin agent. <i>Construction and Building Materials</i> , 2014, 73, 51-57.	7.2	106
2	Assessment of soil thermal conduction using artificial neural network models. <i>Cold Regions Science and Technology</i> , 2020, 169, 102907.	3.5	40
3	Track-bed mechanical behaviour under the impact of train at different speeds. <i>Soils and Foundations</i> , 2016, 56, 627-639.	3.1	34
4	Pore water salinity effect on the intrinsic compression behaviour of artificial soft soils. <i>Applied Clay Science</i> , 2018, 166, 299-306.	5.2	23
5	Anisotropic hydro-mechanical behavior of full-scale compacted bentonite-sand blocks. <i>Engineering Geology</i> , 2021, 287, 106093.	6.3	18
6	Experimental Investigation of the Compactability and Cracking Behavior of Polyacrylamide-Treated Saline Soil in Gansu Province, China. <i>Polymers</i> , 2019, 11, 90.	4.5	16
7	Impact of train speed on the mechanical behaviours of track-bed materials. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2017, 9, 818-829.	8.1	14
8	Compacted soil behaviour through changes of density, suction, and stiffness of soils with remoulding water content. <i>Canadian Geotechnical Journal</i> , 2018, 55, 182-190.	2.8	14
9	Experimental Study on Mechanical Characteristics and Fracture Patterns of Unfrozen/Freezing Saturated Coal and Sandstone. <i>Materials</i> , 2019, 12, 992.	2.9	14
10	Modelling stress distribution in substructure of French conventional railway tracks. <i>Construction and Building Materials</i> , 2016, 116, 326-334.	7.2	13
11	Explanation of the Influence of Sodium Chloride Solution on Volume Deformation and Permeability of Normally Consolidated Clays. <i>Materials</i> , 2019, 12, 1671.	2.9	12
12	Development of a simple 2D model for railway track-bed mechanical behaviour based on field data. <i>Soil Dynamics and Earthquake Engineering</i> , 2017, 99, 203-212.	3.8	11
13	The Compression Behavior of Undisturbed and Compacted Loess Under the Controlling of Total Suction and Injected Solutions. <i>Frontiers in Earth Science</i> , 2022, 10, .	1.8	3
14	Preliminary Study of Pore Water Salinity Effects on the Swelling Behavior of Ca-Bentonite. , 2014, , .		0
15	Salinity and Clay Mineralogy Effects on Consolidation Behavior of Pure Clays. <i>Environmental Science and Engineering</i> , 2019, , 529-536.	0.2	0