

Wenyuan Ren

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2622737/publications.pdf>

Version: 2024-02-01

10
papers

872
citations

1163117

8
h-index

1372567

10
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10
all docs

10
docs citations

10
times ranked

702
citing authors

#	ARTICLE	IF	CITATIONS
1	3D meso-scale fracture modelling and validation of concrete based on in-situ X-ray Computed Tomography images using damage plasticity model. International Journal of Solids and Structures, 2015, 67-68, 340-352.	2.7	323
2	Two-dimensional X-ray CT image based meso-scale fracture modelling of concrete. Engineering Fracture Mechanics, 2015, 133, 24-39.	4.3	289
3	In-situ X-ray computed tomography characterisation of 3D fracture evolution and image-based numerical homogenisation of concrete. Cement and Concrete Composites, 2017, 75, 74-83.	10.7	161
4	Study on the soil water characteristic curve and its fitting model of Ili loess with high level of soluble salts. Journal of Hydrology, 2019, 578, 124067.	5.4	27
5	Experimental study on settling characteristics of thick self-weight collapsible loess in Xinjiang Ili region in China using field immersion test. Soils and Foundations, 2018, 58, 1476-1491.	3.1	26
6	Analytical solution for consolidation of combined composite foundation reinforced with penetrated impermeable columns and partially penetrated permeable stone columns. Computers and Geotechnics, 2020, 124, 103606.	4.7	18
7	Experimental study on the influence of soluble salt content on unsaturated mechanical characteristics of undisturbed Ili loess. Bulletin of Engineering Geology and the Environment, 2021, 80, 6689-6704.	3.5	9
8	Three-Dimensional In Situ XCT Characterisation and FE Modelling of Cracking in Concrete. Complexity, 2018, 2018, 1-11.	1.6	8
9	Optimal mixing ratio and SWCC fitting of lightweight soil with cotton stalk fibres. Soils and Foundations, 2021, 61, 453-464.	3.1	7
10	Study on Soil-Water Characteristics of Expansive Soil under the Dry-Wet Cycle and Freeze-Thaw Cycle considering Volumetric Strain. Advances in Civil Engineering, 2021, 2021, 1-13.	0.7	4