

# 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  
g-index

10  
all docs

10  
docs citations

10  
times ranked

702  
citing authors

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