

# Jiangu Qian

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

432  
citations

1040056

9  
h-index

794594

19  
g-index

21  
all docs

21  
docs citations

21  
times ranked

298  
citing authors

#	ARTICLE	IF	CITATIONS
1	DEM investigation on the evolution of microstructure in granular soils under shearing. <i>Granular Matter</i> , 2014, 16, 91-106.	2.2	136
2	Discrete element modeling of shear band in granular materials. <i>Theoretical and Applied Fracture Mechanics</i> , 2014, 72, 37-49.	4.7	58
3	Discrete element modeling of the effect of particle size distribution on the small strain stiffness of granular soils. <i>Particuology</i> , 2017, 32, 21-29.	3.6	50
4	Effects of OCR on monotonic and cyclic behavior of reconstituted Shanghai silty clay. <i>Soil Dynamics and Earthquake Engineering</i> , 2019, 118, 111-119.	3.8	27
5	A micromechanics-based model for estimating localized failure with effects of fabric anisotropy. <i>Computers and Geotechnics</i> , 2013, 50, 90-100.	4.7	24
6	The influence of traffic moving speed on shakedown limits of flexible pavements. <i>International Journal of Pavement Engineering</i> , 2019, 20, 233-244.	4.4	24
7	Study on Evolutionary Characteristics of Toppling Deformation of Anti-Dip Bank Slope Based on Energy Field. <i>Sustainability</i> , 2020, 12, 7544.	3.2	15
8	Non-coaxial elastoplasticity model and bifurcation prediction of shear banding in sands. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2010, 34, 906-919.	3.3	14
9	Experimental and modeling study of water-retention behavior of fine-grained soils with dual-porosity structures. <i>Acta Geotechnica</i> , 2022, 17, 3245-3258.	5.7	14
10	Discrete element modelling of the influence of inherent anisotropy on the shear behaviour of granular soils. <i>European Journal of Environmental and Civil Engineering</i> , 2018, 22, s1-s18.	2.1	11
11	Discrete-Element Simulation of Scaling Effect of Strain Localization in Dense Granular Materials. <i>International Journal of Geomechanics</i> , 2019, 19, .	2.7	9
12	A Novel Hysteretic Soil-Water Retention Model with Contact Angle-Dependent Capillarity. <i>International Journal of Geomechanics</i> , 2022, 22, .	2.7	9
13	Two-dimensional discrete element simulation of the mechanical behavior and strain localization of anisotropic dense sands. <i>Granular Matter</i> , 2019, 21, 1.	2.2	8
14	The deformation of granular materials under repeated traffic load by discrete element modelling. <i>European Journal of Environmental and Civil Engineering</i> , 2020, 24, 1135-1160.	2.1	8
15	Soil-water retention curve model for fine-grained soils accounting for void ratio-dependent capillarity. <i>Canadian Geotechnical Journal</i> , 2022, 59, 498-509.	2.8	8
16	Dynamic shakedown limits for flexible pavement with cross-anisotropic materials. <i>Road Materials and Pavement Design</i> , 2020, 21, 310-330.	4.0	7
17	Constitutive modeling of three-dimensional non-coaxial characteristics of clay. <i>Acta Geotechnica</i> , 2022, 17, 2157-2172.	5.7	5
18	Displacement evolution of reverse-dip rock slope considering the change of the reservoir level. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	2.7	3

#	ARTICLE	IF	CITATIONS
19	Instability of sands under axisymmetric proportional strain and stress loadings. European Journal of Environmental and Civil Engineering, 2019, 23, 1294-1310.	2.1	2
20	Constitutive modelling hydro-mechanical behavior of unsaturated loess with a loss of structure. Japanese Geotechnical Society Special Publication, 2019, 7, 410-417.	0.2	0
21	Investigation on the Influencing Factors of K <sub>0</sub> of Granular Materials Using Discrete Element Modelling. Applied Sciences (Switzerland), 2022, 12, 2899.	2.5	0