

Yan Zou

List of Publications by Year in descending order

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14
papers

217
citations

1478505

6
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1281871

11
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14
all docs

14
docs citations

14
times ranked

138
citing authors

#	ARTICLE	IF	CITATIONS
1	Coupling effects of surface building and earthquake loading on in-service shield tunnels. <i>Transportation Geotechnics</i> , 2021, 26, 100453.	4.5	10
2	Performance-based seismic assessment of shield tunnels by incorporating a nonlinear pseudostatic analysis approach for the soil-tunnel interaction. <i>Tunnelling and Underground Space Technology</i> , 2021, 114, 103981.	6.2	22
3	Modeling Liquefaction-Induced Large Deformation of Sand Incorporating the Effects of Fabric Anisotropy Evolution. <i>Journal of Engineering Mechanics - ASCE</i> , 2021, 147, .	2.9	2
4	Particle Breakage of Calcareous Sand and Its Correlation with Input Energy. <i>International Journal of Geomechanics</i> , 2020, 20, .	2.7	55
5	Centrifuge model study on the seismic responses of shield tunnel. <i>Tunnelling and Underground Space Technology</i> , 2019, 92, 103036.	6.2	19
6	Macro and micro investigation of gravel content on simple shear behavior of sand-gravel mixture. <i>Construction and Building Materials</i> , 2019, 221, 730-744.	7.2	56
7	Response of Long Tunnel in Layered Half-Space under Asynchronous Seismic Shear-Horizontal Wave Propagation. <i>Journal of Engineering Mechanics - ASCE</i> , 2018, 144, 04018050.	2.9	3
8	Response of circular tunnel with imperfect interface bonding in layered ground subjected to obliquely incident plane P or SV wave. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2018, 42, 2001-2017.	3.3	6
9	A pseudo-static method for seismic responses of underground frame structures subjected to increasing excitations. <i>Tunnelling and Underground Space Technology</i> , 2017, 65, 106-120.	6.2	38
10	A Dynamic Explicit Algorithm for Saturated Porous Media. , 2017, , .		1
11	3D Valley Site Effect on the Nonlinear Seismic Response of Earth Dam. <i>Applied Mechanics and Materials</i> , 2013, 353-356, 1806-1810.	0.2	0
12	Analysis of Seismic Factors to Tunnels in the Earthquake. <i>Applied Mechanics and Materials</i> , 2012, 166-169, 2182-2189.	0.2	1
13	Three-Dimensional Elastic-Plastic Dynamic Interaction of Earth Dam and Intermountain Basin. <i>Applied Mechanics and Materials</i> , 2012, 166-169, 2383-2390.	0.2	1
14	Shaking Table Test to Underground Structures in Layered Foundation. <i>Applied Mechanics and Materials</i> , 0, 353-356, 1461-1465.	0.2	3