

Mukhtiar Ali Soomro

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

491
citations

759055

12
h-index

794469

19
g-index

20
all docs

20
docs citations

20
times ranked

187
citing authors

#	ARTICLE	IF	CITATIONS
1	3D centrifuge and numerical modelling of lateral responses of a vertical loaded pile group to twin stacked tunnels. <i>European Journal of Environmental and Civil Engineering</i> , 2022, 26, 5517-5544.	1.0	5
2	3D numerical analysis of a masonry façade subjected to excavation- induced ground deformation. <i>International Journal of Geotechnical Engineering</i> , 2022, 16, 865-877.	1.1	2
3	Influence of stress relief due to deep excavation on a brick masonry wall: 3D numerical predictions. <i>European Journal of Environmental and Civil Engineering</i> , 2022, 26, 7621-7644.	1.0	5
4	Parametric Study of Twin Tunneling Effects on Piled Foundations in Stiff Clay: 3D Finite-Element Approach. <i>International Journal of Geomechanics</i> , 2022, 22, .	1.3	3
5	Effects of twin excavations with different construction sequence on a brick masonry wall: 3D finite element approach. <i>Structures</i> , 2022, 41, 866-886.	1.7	5
6	Numerical modelling of effects of different multipropped excavation depths on adjacent single piles: comparison between floating and end-bearing pile responses. <i>European Journal of Environmental and Civil Engineering</i> , 2021, 25, 2592-2622.	1.0	14
7	3D finite element analysis of effects of twin stacked tunnels at different depths and with different construction sequence on a piled raft. <i>Tunnelling and Underground Space Technology</i> , 2021, 109, 103759.	3.0	21
8	Investigation of effects of different construction sequences on settlement and load transfer mechanism of single pile due to twin stacked tunnelling. <i>Tunnelling and Underground Space Technology</i> , 2020, 96, 103171.	3.0	34
9	The Effects of Multipropped Deep Excavation-Induced Ground Movements on Adjacent High-Rise Building Founded on Piled Raft in Sand. <i>Advances in Civil Engineering</i> , 2020, 2020, 1-12.	0.4	7
10	Centrifuge and numerical modelling of stress transfer mechanisms and settlement of pile group due to twin stacked tunnelling with different construction sequences. <i>Computers and Geotechnics</i> , 2020, 121, 103449.	2.3	24
11	3D finite element analysis of pile responses to adjacent excavation in soft clay: Effects of different excavation depths systems relative to a floating pile. <i>Tunnelling and Underground Space Technology</i> , 2019, 86, 138-155.	3.0	30
12	Numerical Parametric Study of Settlement and Load Transfer Mechanism of Pile Group Due to Twin Stacked Tunnelling with Different Construction Sequences. <i>European Journal of Environmental and Civil Engineering</i> , 2019, , 1-33.	1.0	3
13	Lateral behaviour of a pile group due to side-by-side twin tunnelling in dry sand: 3D centrifuge tests and numerical modelling. <i>Computers and Geotechnics</i> , 2018, 101, 48-64.	2.3	37
14	Pile responses to side-by-side twin tunnelling in stiff clay: Effects of different tunnel depths relative to pile. <i>Computers and Geotechnics</i> , 2017, 84, 101-116.	2.3	46
15	Effects of piggyback twin tunnelling on a pile group: 3D centrifuge tests and numerical modelling. <i>Geotechnique</i> , 2015, 65, 38-51.	2.2	56
16	Tunnelling under pile groups and rafts: Numerical parametric study on tension effects. <i>Computers and Geotechnics</i> , 2015, 68, 54-65.	2.3	21
17	Settlement and load transfer mechanism of pile group due to side-by-side twin tunnelling. <i>Computers and Geotechnics</i> , 2015, 64, 105-119.	2.3	64
18	Load transfer mechanism in pile group due to single tunnel advancement in stiff clay. <i>Tunnelling and Underground Space Technology</i> , 2015, 45, 63-72.	3.0	59

#	ARTICLE	IF	CITATIONS
19	Three-dimensional centrifuge modelling of pile group responses to side-by-side twin tunnelling. Tunnelling and Underground Space Technology, 2014, 43, 350-361.	3.0	55
20	Responses of a masonry facade to multi-propped deep excavation-induced ground deformations: 3D numerical parametric study. European Journal of Environmental and Civil Engineering, 0, , 1-29.	1.0	0