

Aswin Lim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8419630/publications.pdf>

Version: 2024-02-01

15
papers

283
citations

1040056

9
h-index

1125743

13
g-index

16
all docs

16
docs citations

16
times ranked

150
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-dimensional numerical study of long-term settlement induced in shield tunneling. <i>Tunnelling and Underground Space Technology</i> , 2019, 88, 221-236.	6.2	48
2	Stress paths in deep excavations under undrained conditions and its influence on deformation analysis. <i>Tunnelling and Underground Space Technology</i> , 2017, 63, 118-132.	6.2	44
3	Evaluation of Factors of Safety against Basal Heave for Deep Excavations in Soft Clay Using the Finite-Element Method. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2013, 139, 2125-2135.	3.0	38
4	Evaluation of buttress wall shapes to limit movements induced by deep excavation. <i>Computers and Geotechnics</i> , 2016, 78, 155-170.	4.7	33
5	Investigation of the integrated retaining system to limit deformations induced by deep excavation. <i>Acta Geotechnica</i> , 2018, 13, 973-995.	5.7	30
6	A novel strut-free retaining wall system for deep excavation in soft clay: numerical study. <i>Acta Geotechnica</i> , 2020, 15, 1557-1576.	5.7	28
7	Performance and Three-Dimensional Analyses of a Wide Excavation in Soft Soil with Strut-Free Retaining System. <i>International Journal of Geomechanics</i> , 2018, 18, .	2.7	23
8	An innovative earth retaining supported system for deep excavation. <i>Computers and Geotechnics</i> , 2019, 114, 103135.	4.7	13
9	Bio-mediated soil improvement of loose sand with fungus. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2020, 12, 180-187.	8.1	13
10	Lesson learned from retaining wall failures: a geotechnical disaster. <i>MATEC Web of Conferences</i> , 2018, 229, 03014.	0.2	4
11	A case study of strut-free excavation retaining system. <i>Acta Geotechnica</i> , 2022, 17, 5557-5571.	5.7	4
12	Application of the novel composite earth retaining structure method to urban excavations: a constructability analysis. <i>Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A/Chung-kuo Kung Ch'eng Hsueh K'an</i> , 2018, 41, 603-611.	1.1	2
13	Estimating System Stiffness of Soil Nailing Wall for Deep Excavation in Clay. <i>International Journal of Civil Engineering</i> , 0, , .	2.0	2
14	Case Record of a Strut-free Excavation with Buttress Walls in Soft Soil. <i>Springer Series in Geomechanics and Geoengineering</i> , 2018, , 142-154.	0.1	0
15	Finite-Element Modeling of Cone Penetration in Soft Clay at South Bandung, West Java, Indonesia. <i>International Journal of Geomechanics</i> , 2021, 21, 04021227.	2.7	0