

Tuan A Pham

List of Publications by Year in descending order

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15
papers

282
citations

933447

10
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

75
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of geosynthetic-reinforced pile-supported embankment with soil-structure interaction models. <i>Computers and Geotechnics</i> , 2020, 121, 103438.	4.7	45
2	3D numerical study of the performance of geosynthetic-reinforced and pile-supported embankments. <i>Soils and Foundations</i> , 2021, 61, 1319-1342.	3.1	35
3	Comparison and evaluation of analytical models for the design of geosynthetic-reinforced and pile-supported embankments. <i>Geotextiles and Geomembranes</i> , 2021, 49, 528-549.	4.6	34
4	Load-deformation of piled embankments considering geosynthetic membrane effect and interface friction. <i>Geosynthetics International</i> , 2020, 27, 275-300.	2.9	25
5	Optimum material ratio for improving the performance of cement-mixed soils. <i>Transportation Geotechnics</i> , 2021, 28, 100544.	4.5	24
6	Geosynthetic-reinforced pile-supported embankments – 3D discrete numerical analyses of the interaction and mobilization mechanisms. <i>Engineering Structures</i> , 2021, 242, 112337.	5.3	21
7	Behaviour of piled embankment with multi-interaction arching model. <i>Geotechnique Letters</i> , 2020, 10, 582-588.	1.2	18
8	Design and analysis of geosynthetic-reinforced and floating column-supported embankments. <i>International Journal of Geotechnical Engineering</i> , 2022, 16, 1276-1292.	2.0	13
9	A simplified model for the analysis of piled embankments considering arching and subsoil consolidation. <i>Geotextiles and Geomembranes</i> , 2022, 50, 408-431.	4.6	13
10	Probabilistic analysis of geosynthetic-reinforced and pile-supported embankments. <i>Computers and Geotechnics</i> , 2022, 142, 104595.	4.7	12
11	Micromechanical-Based Shear Strength Equation Considering the Stress-State Effect for Unsaturated Soils. <i>International Journal of Geomechanics</i> , 2022, 22, .	2.7	12
12	An analytical model for predicting the shear strength of unsaturated soils. <i>Proceedings of the Institution of Civil Engineers: Geotechnical Engineering</i> , 2023, 176, 369-387.	1.6	9
13	Investigation of Performance of Soil-Cement Pile in Support of Foundation Systems for High-Rise Buildings. <i>Civil Engineering Journal (Iran)</i> , 2018, 4, 266.	3.9	7
14	Disturbed state concept and non-isothermal shear strength model for unsaturated soils. <i>Bulletin of Engineering Geology and the Environment</i> , 2022, 81, 1.	3.5	7
15	A new index for the strength analysis and prediction of cement-mixed soils. <i>European Journal of Environmental and Civil Engineering</i> , 2023, 27, 1512-1534.	2.1	7