Timothy D Stark

List of Publications by Year
in descending order

43 papers	1,259 citations	516215 16 h-index	377514 34 g-index
46 all docs	46 docs citations	46 times ranked	783 citing authors

#	Article	IF	Citations
1	Liquefied strength ratio from liquefaction flow failure case histories. Canadian Geotechnical Journal, 2002, 39, 629-647.	1.4	184
2	Performance of Three-Dimensional Slope Stability Methods in Practice. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 1998, 124, 1049-1060.	1.5	126
3	Undrained Shear Strength of Liquefied Sands for Stability Analysis. Journal of Geotechcnical Engineering, 1992, 118, 1727-1747.	0.4	114
4	Slope Stability Analyses in Stiff Fissured Clays. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 1997, 123, 335-343.	1.5	104
5	Slope inclinometers for landslides. Landslides, 2008, 5, 339-350.	2.7	97
6	Yield Strength Ratio and Liquefaction Analysis of Slopes and Embankments. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2003, 129, 727-737.	1.5	85
7	Shear strength of municipal solid waste for stability analyses. Environmental Geology, 2009, 57, 1911-1923.	1.2	64
8	Empirical Correlations: Drained Shear Strength for Slope Stability Analyses. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2013, 139, 853-862.	1.5	63
9	Progression of Elevated Temperatures in Municipal Solid Waste Landfills. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2017, 143, .	1.5	52
10	Shear Strength in Preexisting Landslides. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2010, 136, 957-962.	1.5	40
11	Use of laboratory data to confirm yield and liquefied strength ratio concepts. Canadian Geotechnical Journal, 2003, 40, 1164-1184.	1.4	36
12	Investigation of differential movement at railroad bridge approaches through geotechnical instrumentation. Journal of Zhejiang University: Science A, 2012, 13, 814-824.	1.3	36
13	Classification and Reactivity of Secondary Aluminum Production Waste. Journal of Hazardous, Toxic, and Radioactive Waste, 2014, 18, .	1.2	31
14	Mechanisms of Strength Loss in Stiff Clays. Journal of Geotechcnical Engineering, 1991, 117, 139-154.	0.4	30
15	Fully Softened Shear Strength at Low Stresses for Levee and Embankment Design. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2014, 140, .	1.5	29
16	Importance of Three-Dimensional Slope Stability Analyses in Practice. , 2000, , 18.		27
17	Oso, Washington, Landslide of March 22, 2014: Dynamic Analysis. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2017, 143, 05017005.	1.5	24
18	Evaluating tie support at railway bridge transitions. Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit, 2016, 230, 1336-1350.	1.3	16

#	Article	IF	Citations
19	Case Study: Vertical Drain and Stability Analyses for a Compacted Embankment on Soft Soils. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2018, 144, .	1.5	15
20	Compacted Soil Liner Interface Strength Importance. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2012, 138, 544-550.	1.5	14
21	Fully Softened Shear Strength Measurement and Correlations. Geotechnical Testing Journal, 2020, 43, 20190124.	0.5	13
22	Stability and Stress-Deformation Analyses of Reinforced Slope Failure at Yeager Airport. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2021, 147, 04020179.	1.5	9
23	Numerical modeling of diffusion for volatile organic compounds through composite landfill liner systems. KSCE Journal of Civil Engineering, 2011, 15, 1033-1039.	0.9	7
24	Importance of Side Resistance in a 3D Stability Analysis. , 2017, , .		6
25	Case Study: Unsaturated Embankment Failure on Soft Soils. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2020, 146, .	1.5	5
26	Runout analyses using 2014 Oso landslide. Canadian Geotechnical Journal, 2022, 59, 55-73.	1.4	5
27	Drained Residual Shear Strength Power Function Coefficients a and b. Geotechnical Testing Journal, 2021, 44, 1678-1694.	0.5	5
28	Closure to â€œCase Study: Oso, Washington, Landslide of March 22, 2014â€”Material Properties and Failure Mechanismâ€•by Timothy D. Stark, Ahmed K. Baghdady, Oldrich Hungr, and Jordan Aaron. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2018, 144, 07018031.	1.5	4
29	Is Construction Blasting Still Abnormally Dangerous?. Journal of Legal Affairs and Dispute Resolution in Engineering and Construction, 2010, 2, 208-217.	0.9	3
30	Fill Placement on Slopes Underlain by Franciscan MÃ©lange. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2011, 137, 263-272.	1.5	3
31	Closure to â€œOso, Washington, Landslide of March 22, 2014: Dynamic Analysisâ€•by Jordan Aaron, Oldrich Hungr, Timothy D. Stark, and Ahmed K. Baghdady. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2018, 144, .	1.5	3
32	Case Studies of PSDDF for Phased Placement of Dredged Soils. Marine Georesources and Geotechnology, 2013, 31, 348-359.	1.2	2
33	Postconstruction Evaluation of Fill Compaction. Journal of Legal Affairs and Dispute Resolution in Engineering and Construction, 2020, 12, 04520030.	0.9	2
34	Sampling, Reconstituting, and Gradation Testing of Railroad Ballast. , 2018, , 135-143.		2
35	Closure to â€œShear Strength in Preexisting Landslidesâ€•by Timothy D. Stark and Manzoor Hussain. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2011, 137, 811-812.	1.5	1
36	Liquefied Strength Ratio for Eight Laboratory-Tested Sandy Soils. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2021, 147, .	1.5	1

#	Article	IF	Citations
37	Modified Standard Penetration Test for Drilled Shaft Design in Weak Fine-Grained Rocks. Transportation Research Record, 2022, 2676, 176-185.	1.0	1
38	Closure to â€œ1907 Static Liquefaction Flow Failure of the North Dike of Wachusett Damâ€•by Scott M. Olson, Timothy D. Stark, William H. Walton, and Gonzalo Castro. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2002, 128, 801-801.	1.5	0
39	Highway Embankment Contract Specifications. Journal of Legal Affairs and Dispute Resolution in Engineering and Construction, 2014, 6, 05013002.	0.9	0
40	Uncertainty of Model Parameters in PSDDF for Coastal Restoration. , 2016, , .		0
41	Managing Hurricane Debris and Elevated Temperatures. , 2021, , .		0
42	Closure to â€œDiscussion of â€˜Fully Softened Shear Strength Measurement and Correlations,â€™ by T. D. Stark and R. Fernandezâ€• Geotechnical Testing Journal, 2021, 44, 20200186.	0.5	0
43	Highway Embankment Failure on Soft Clay: Bad Input = Bad Output. Geo-strata, 2020, 24, 40-47.	0.0	0