Laurent BrianÃ§on

List of Publications by Year
in descending order

27	769	687363 13	794594 19
papers	citations	h-index	g-index

28	28	28	388
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Subsoil compressibility effect in an end bearing scaled pile-supported embankment, investigation of the load transfer mechanism. Innovative Infrastructure Solutions, 2022, 7, 1.	2.2	1
2	ASIRI+: French National Research Program on Soil Reinforcement with Rigid Inclusions. Lecture Notes in Civil Engineering, 2022, , 659-665.	0.4	0
3	Discrete element simulations of load transfer mechanisms for a reinforced granular embankment submitted to loading cycles. EPJ Web of Conferences, 2021, 249, 14020.	0.3	0
4	Experimental study on the L-shaped anchorage capacity of the geogrid by the pullout test. Geotextiles and Geomembranes, 2021, 49, 1046-1057.	4.6	14
5	Experimental evaluation of geosynthetics interface friction with a new procedure by using inclined plane. Innovative Infrastructure Solutions, 2020, 5, 1.	2.2	2
6	Instrumentation in situ, un outil pour les techniques dâ€™amÃ©lioration des sols. Revue FranÃ§aise De GÃ©otechnique, 2020, , 4.	0.1	0
7	AmÃ©lioration des sols par inclusions rigidesâ€‰: le rÃ´le des gÃ©osynthÃ©tiques dans la plateforme de transfert de charge. Revue FranÃ§aise De GÃ©otechnique, 2020, , 1.	0.1	0
8	Coupled numerical and experimental analyses of load transfer mechanisms in granular-reinforced platform overlying cavities. Geotextiles and Geomembranes, 2019, 47, 587-597.	4.6	13
9	Investigation of behavior of footings over rigid inclusion-reinforced soft soil: experimental and numerical approaches. Canadian Geotechnical Journal, 2019, 56, 1940-1952.	2.8	6
10	Investigation of load transfer mechanisms in granular platforms reinforced by geosynthetics above cavities. Geotextiles and Geomembranes, 2018, 46, 611-624.	4.6	14
11	ConsÃ©quences du mode d'effondrement sur les mÃ©canismes de transfert de charge et sur le dimensionnement des gÃ©osynthÃ©tiques sur cavitÃ©s potentielles. Revue FranÃ§aise De GÃ©otechnique, 2017, , 2.	0.1	0
12	Load transfer mechanisms in geotextile-reinforced embankments overlying voids: Numerical approach and design. Geotextiles and Geomembranes, 2016, 44, 381-395.	4.6	50
13	Load transfer mechanisms in geotextile-reinforced embankments overlying voids: Experimental and analytical approaches. Geotextiles and Geomembranes, 2016, 44, 442-456.	4.6	59
14	Experimental studies of the behaviour of geosynthetic wrap around anchorage. Geosynthetics International, 2015, 22, 249-256.	2.9	11
15	Monitoring and numerical investigation of a rigid inclusionsâ€“reinforced industrial building. Canadian Geotechnical Journal, 2015, 52, 1592-1604.	2.8	24
16	Geosynthetics anchorage with wrap around: experimental and numerical studies. Geosynthetics International, 2015, 22, 273-287.	2.9	19
17	Experimental studies of the geosynthetic anchorage â€“ Effect of geometric parameters and efficiency of anchorages. Geotextiles and Geomembranes, 2014, 42, 505-514.	4.6	26
18	Analyses of a pile-supported embankment over soft clay: Full-scale experiment, analytical and numerical approaches. Engineering Geology, 2013, 153, 53-67.	6.3	101

#	Article	IF	Citations
19	Performance of Pile-Supported Embankment over Soft Soil: Full-Scale Experiment. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2012, 138, 551-561.	3.0	156
20	A new procedure for measuring geosynthetic friction with an inclined plane. Geotextiles and Geomembranes, 2011, 29, 472-482.	4.6	38
21	Prediction of Load Transfers in Granular Layers Used in Rigid Inclusions Techniqueâ€"Experimental and Discrete Element Method Analysis. , 2010, , .		6
22	New Developments in the Modeling and the Design of Geosynthetic Reinforcements of Platforms Subjected to Localized Sinkholes. , 2010, , .		0
23	Design of geosynthetic-reinforced platforms spanning localized sinkholes. Geotextiles and Geomembranes, 2008, 26, 416-428.	4.6	78
24	Design of geosynthetic reinforcements for platforms subjected to localized sinkholes. Canadian Geotechnical Journal, 2008, 45, 196-209.	2.8	45
25	Theoretical Versus Experimental Modeling of the Anchorage Capacity of Geotextiles in Trenches. Geosynthetics International, 2002, 9, 97-123.	2.9	39
26	Slope stability of lining systemsâ€"experimental modeling of friction at geosynthetic interfaces. Geotextiles and Geomembranes, 2002, 20, 147-172.	4.6	53
27	Pile-supported embankment over soft soil for a high-speed line. Geosynthetics International, 0, , 1-13.	2.9	13