

Yi-lin Wang

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

123
citations

1478280

6
h-index

1281743

11
g-index

15
all docs

15
docs citations

15
times ranked

30
citing authors

#	ARTICLE	IF	CITATIONS
1	A simplified model for evaluating the hardening behaviour of sensor-enabled geobelts during pullout tests. <i>Geotextiles and Geomembranes</i> , 2019, 47, 377-388.	2.3	24
2	Laboratory tests on the engineering properties of sensor-enabled geobelts (SEGB). <i>Geotextiles and Geomembranes</i> , 2018, 46, 66-76.	2.3	22
3	Laboratory investigation of the durability of a new smart geosynthetic material. <i>Construction and Building Materials</i> , 2018, 169, 28-33.	3.2	18
4	Dynamic response of unsaturated poroelastic ground underlying uneven pavement subjected to vehicle load. <i>Soil Dynamics and Earthquake Engineering</i> , 2022, 156, 107164.	1.9	15
5	Evaluation of the performance of sensor-enabled geobelts after cyclic loading. <i>Construction and Building Materials</i> , 2018, 185, 414-422.	3.2	9
6	Effect of Temperature on Mechanical Performance and Tensoresistivity of a New Sensor-Enabled Geosynthetic Material. <i>Journal of Materials in Civil Engineering</i> , 2019, 31, .	1.3	8
7	Strain-softening model evaluating geobelt-clay interaction validated by laboratory tests of sensor-enabled geobelts. <i>Canadian Geotechnical Journal</i> , 2020, 57, 354-365.	1.4	7
8	“Laboratory tests on the engineering properties of sensor-enabled geobelts (SEGB)”—A reply to the discussion. <i>Geotextiles and Geomembranes</i> , 2018, 46, 681-683.	2.3	4
9	Model tests on uplift capacity of double-belled pile influenced by distance between bells. <i>Journal of Central South University</i> , 2022, 29, 1630-1640.	1.2	4
10	Laboratory tests on engineering properties of a new negative-Poisson’s-ratio geobelt. <i>Construction and Building Materials</i> , 2021, 297, 123819.	3.2	3
11	Deformational characteristics of sensor-enabled geobelts incorporating two failure modes in reinforced sand. <i>Journal of Zhejiang University: Science A</i> , 2020, 21, 961-975.	1.3	3
12	In Situ Test and Numerical Analysis of Traffic-Load-Induced Cumulative Settlement of Alluvial Silt After Treatment with Burnt Lime. <i>International Journal of Geomechanics</i> , 2020, 20, 04019171.	1.3	2
13	Viscoelastic behavior with damage evolution of a new smart geosynthetic in service temperature range. <i>Journal of Central South University</i> , 2022, 29, 1250-1261.	1.2	2
14	Pullout Behavior of Sensor-Enabled Geobelts in Weathered Rock Material—Granulated Rubber Mixtures. <i>Geotechnical and Geological Engineering</i> , 2021, 39, 499-515.	0.8	1
15	Laboratory Tests on Permeability of TDA-Weathered Rock Material Mixtures. <i>DEStech Transactions on Materials Science and Engineering</i> , 2017, , .	0.0	1