

Guangya Ding

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

115
citations

1307594

7
h-index

1372567

10
g-index

16
all docs

16
docs citations

16
times ranked

89
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal Road Piezoelectric Energy Harvester Design Based on a Free-End Simply Supported Beam Structure. <i>Journal of Vibration Engineering and Technologies</i> , 2022, 10, 2061-2071.	2.2	3
2	Vibration Reduction of Layered Sandbags under Traffic Load. <i>Geotechnical and Geological Engineering</i> , 2021, 39, 2161-2173.	1.7	0
3	Road energy harvesting characteristics of damage-resistant stacked piezoelectric ceramics. <i>Ferroelectrics</i> , 2021, 570, 37-56.	0.6	7
4	Real-time monitoring for road-base quality with the aid of buried piezoelectric sensors. <i>Journal of Intelligent Material Systems and Structures</i> , 2021, 32, 2231-2243.	2.5	5
5	Seismic Response of Reinforced Retaining Walls with Saturated Calcareous Sand Backfill Subjected to Acid Rain Erosion. <i>Journal of Materials in Civil Engineering</i> , 2021, 33, .	2.9	10
6	Shaking table tests on calcareous sand retaining walls reinforced by concrete canvas geocell. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	1.3	1
7	Optimized testing of package for stacked piezoelectric energy harvester in roadway applications. <i>Ferroelectrics, Letters Section</i> , 2021, 48, 104-116.	1.0	5
8	Development and performance analysis of hemispherical piezoelectric transducer for road applications. <i>Ferroelectrics</i> , 2021, 584, 70-84.	0.6	3
9	Vibration energy harvesting from roads under traffic loads. <i>Road Materials and Pavement Design</i> , 2020, 21, 780-799.	4.0	12
10	Improved performance of calcareous sand subgrade reinforced by soilbags under traffic load. <i>Proceedings of the Institution of Civil Engineers: Geotechnical Engineering</i> , 2020, , 1-34.	1.6	2
11	Preparation and performance study of a new type of Tile transducer for roadway applications. <i>Journal of Intelligent Material Systems and Structures</i> , 2020, 31, 2020-2028.	2.5	14
12	Fabrication and performance of Tile transducers for piezoelectric energy harvesting. <i>AIP Advances</i> , 2020, 10, .	1.3	15
13	Theoretical Analysis and Experimental Evaluation of Road Dynamic Behavior on Different Subgrades. <i>Advances in Civil Engineering</i> , 2019, 2019, 1-19.	0.7	0
14	Vibration Propagation of Diverse Footings on Saturated Sand. <i>International Journal of Civil Engineering</i> , 2019, 17, 265-279.	2.0	4
15	Effect of subgrade on piezoelectric energy harvesting under traffic loads. <i>International Journal of Pavement Engineering</i> , 2018, 19, 661-674.	4.4	21
16	Effect of sand bags on vibration reduction in road subgrade. <i>Soil Dynamics and Earthquake Engineering</i> , 2017, 100, 529-537.	3.8	13