

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