

Yu Tian

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7559774/publications.pdf>

Version: 2024-02-01

19
papers

165
citations

1307594

7
h-index

1125743

13
g-index

19
all docs

19
docs citations

19
times ranked

100
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectrum parameters for runway roughness based on statistical and vibration analysis. International Journal of Pavement Engineering, 2022, 23, 3757-3769.	4.4	2
2	Assessment of aircraft landing gear cumulative stroke to develop a new runway roughness evaluation index. International Journal of Pavement Engineering, 2022, 23, 3609-3620.	4.4	4
3	Performance Assessment and Comparison of Two Piezoelectric Energy Harvesters Developed for Pavement Application: Case Study. Sustainability, 2022, 14, 863.	3.2	3
4	Random Vibration Analysis of a Coupled Aircraft/Runway Modeled System for Runway Evaluation. Sustainability, 2022, 14, 2815.	3.2	6
5	Improvement of Boeing Bump Method Considering Aircraft Vibration Superposition Effect. Applied Sciences (Switzerland), 2021, 11, 2147.	2.5	5
6	Optimization of International Roughness Index Model Parameters for Sustainable Runway. Sustainability, 2021, 13, 2184.	3.2	8
7	Anisotropic Resilient Modulus Model of Granular Materials Based on Particle Characteristics. Transportation Research Record, 2021, 2675, 970-984.	1.9	2
8	Analysis of airfield composite pavement rutting using full-scale accelerated pavement testing and finite element method. Construction and Building Materials, 2021, 303, 124528.	7.2	11
9	Investigation on mechanical properties and water stability of porous polyurethane concrete. Transportation Safety and Environment, 2021, 3, .	2.1	2
10	Application of Biochar on the runoff purification performance of porous asphalt pavement. Transportation Safety and Environment, 2021, 3, .	2.1	6
11	Simple Empirical Temperature Gradient Prediction Model for Jointed Plain Concrete Pavements: Development and Validation. Journal of Transportation Engineering Part B: Pavements, 2020, 146, 04020030.	1.5	1
12	Accelerated Pavement Testing for Rutting Evaluation of Hot-Mix Asphalt Overlay under High Tire Pressure. Journal of Transportation Engineering Part B: Pavements, 2020, 146, 04020009.	1.5	13
13	Performance evaluation of flexible pavements with a lateritic gravel base using accelerated pavement testing. Construction and Building Materials, 2019, 228, 116790.	7.2	6
14	Assessment of concrete pavement support conditions using distributed optical vibration sensing fiber and a neural network. Construction and Building Materials, 2019, 216, 214-226.	7.2	20
15	Analysis of airfield composite pavement responses using full-scale accelerated pavement testing and finite element method. Construction and Building Materials, 2019, 212, 596-606.	7.2	40
16	Calibrating the Mechanistic-Empirical Pavement Design Guide Rutting Models using Accelerated Pavement Testing. Transportation Research Record, 2018, 2672, 304-314.	1.9	15
17	The Smart Road: Practice and Concept. Engineering, 2018, 4, 436-437.	6.7	21
18	Framework of Bridge Design Method under Multi-Hazard and Its Application to Super-Span Multi-Pylon Cable-Stayed Bridges. IABSE Symposium Report, 2015, , .	0.0	0

#	ARTICLE	IF	CITATIONS
19	Experimental Investigation of Piezoelectric Energy Harvesters Applied in Concrete Pavement. Transportation Research Record, 0, , 036119812110699.	1.9	0