

Jingnan Zhao

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Machine learning analysis of overweight traffic impact on survival life of asphalt pavement. Structure and Infrastructure Engineering, 2023, 19, 606-616.	2.0	5
2	Dynamic pavement response analysis under wide-base tyre considering vehicle-tyreâ€pavement interaction. Road Materials and Pavement Design, 2022, 23, 1650-1666.	2.0	7
3	Impact analysis of traffic loading on pavement performance using support vector regression model. International Journal of Pavement Engineering, 2022, 23, 3716-3728.	2.2	7
4	Mechanisticâ€Empirical Analysis of Pavement Performance Considering Dynamic Axle Load Spectra Due to Longitudinal Unevenness. Applied Sciences (Switzerland), 2022, 12, 2600.	1.3	3
5	Mechanistic-empirical analysis of asphalt pavement fatigue cracking under vehicular dynamic loads. Construction and Building Materials, 2021, 284, 122877.	3.2	17
6	Numerical simulation of dynamic repetitive load test of unbound aggregate using precision unbound material analyzer. Road Materials and Pavement Design, 2020, 21, 1675-1693.	2.0	8
7	Multi-wheel gear loading effect on load-induced failure potential of airfield flexible pavement. International Journal of Pavement Engineering, 2020, 21, 805-816.	2.2	11
8	Asphalt pavement modulus backcalculation using surface deflections under moving loads. Computer-Aided Civil and Infrastructure Engineering, 2020, 35, 1246-1260.	6.3	22
9	Mechanistic Modeling and Economic Analysis of Piezoelectric Energy Harvesting Potential in Airport Pavements. Transportation Research Record, 2020, 2674, 64-75.	1.0	6
10	Flexible Pavement Response Analysis under Dynamic Loading at Different Vehicle Speeds and Pavement Surface Roughness Conditions. Journal of Transportation Engineering Part B: Pavements, 2020, 146, 04020040.	0.8	23
11	Dynamic Pavement Response Analysis under Moving Truck Loads with Random Amplitudes. Journal of Transportation Engineering Part B: Pavements, 2020, 146, 04020020.	0.8	17
12	Life-Cycle Cost Analysis of Pay Adjustment for Initial Smoothness of Asphalt Pavement Overlay. Journal of Testing and Evaluation, 2020, 48, 1350-1364.	0.4	6
13	DEVELOPMENT OF OVERWEIGHT PERMIT FEE USING MECHANISTIC-EMPIRICAL PAVEMENT DESIGN AND LIFE-CYCLE COST ANALYSIS. Transport, 2016, 31, 156-166.	0.6	10