

Danny X Xiao

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

210
citations

1306789

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1199166

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15
all docs

15
docs citations

15
times ranked

213
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanistic-empirical pavement design guide (MEPDG): a bird's-eye view. Journal of Modern Transportation, 2011, 19, 114-133.	2.5	73
2	Calibration of the Mechanistic-Empirical Pavement Design Guide for Flexible Pavement Design in Arkansas. Transportation Research Record, 2011, 2226, 135-141.	1.0	31
3	Cracking Classification Using Minimum Rectangular Cover-Based Support Vector Machine. Journal of Computing in Civil Engineering, 2017, 31, .	2.5	30
4	Development of Truck Loading Groups for the Mechanistic-Empirical Pavement Design Guide. Journal of Transportation Engineering, 2011, 137, 855-862.	0.9	25
5	A Data-Driven Method for Comprehensive Pavement-Condition Ranking. Journal of Infrastructure Systems, 2016, 22, .	1.0	11
6	Reliability-Based Mechanistic-Empirical Pavement Design with Statistical Methods. Transportation Research Record, 2012, 2305, 121-130.	1.0	10
7	Longitudinal cracking of jointed plain concrete pavements in Louisiana: Field investigation and numerical simulation. International Journal of Pavement Research and Technology, 2018, 11, 417-426.	1.3	10
8	Mechanistic-Empirical Pavement Design Guide-Based Pavement Design Catalog for Low-Volume Roads in Arkansas. Transportation Research Record, 2011, 2203, 169-177.	1.0	7
9	Using systematic indices to relate traffic load spectra to pavement performance. International Journal of Pavement Research and Technology, 2016, 9, 302-312.	1.3	5
10	Research Implementation of AASHTOWare Pavement ME Design in Louisiana. Transportation Research Record, 2016, 2590, 1-9.	1.0	2
11	Preparation of Joint Faulting Data for the Local Calibration of AASHTO Pavement Mechanistic-Empirical Design in Louisiana. Transportation Research Record, 2017, 2640, 69-77.	1.0	2
12	Field Performance of Concrete Pavement Joints Protected by Silane Sealer: Case Study. Journal of Performance of Constructed Facilities, 2021, 35, 04021089.	1.0	2
13	Long-Term Performance Evaluation of Permeable Asphalt Treated Base in Arkansas. , 2011, , .		1
14	Risk Analysis of Mechanistic-Empirical Pavement Design Methods. , 2011, , .		1
15	Impacts of Nighttime-Only Truck Traffic Regulation on Pavement Performance. Journal of Infrastructure Systems, 2015, 21, 04014032.	1.0	0