

Kevin D Hall

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

394
citations

933447

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940533

16
g-index

18
all docs

18
docs citations

18
times ranked

276
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Dynamics to Understand the Mechanical Behavior of Cement Paste. Transportation Research Record, 2010, 2142, 75-82.	1.9	96
2	Mechanistic-empirical pavement design guide (MEPDG): a bird's-eye view. Journal of Modern Transportation, 2011, 19, 114-133.	2.5	73
3	Development and Influence of Statewide Axle Load Spectra on Flexible Pavement Performance. Transportation Research Record, 2007, 2037, 106-114.	1.9	49
4	Calibration of the Mechanistic-Empirical Pavement Design Guide for Flexible Pavement Design in Arkansas. Transportation Research Record, 2011, 2226, 135-141.	1.9	31
5	Development of Truck Loading Groups for the Mechanistic-Empirical Pavement Design Guide. Journal of Transportation Engineering, 2011, 137, 855-862.	0.9	25
6	Estimating the Sensitivity of Design Input Variables for Rigid Pavement Analysis with a Mechanistic-Empirical Design Guide. Transportation Research Record, 2005, 1919, 65-73.	1.9	20
7	Estimating the Sensitivity of Design Input Variables for Rigid Pavement Analysis with a Mechanistic-Empirical Design Guide. Transportation Research Record, 2005, 1919, 65-73.	1.9	20
8	Development and Significance of Statewide Volume Adjustment Factors in Mechanistic-Empirical Pavement Design Guide. Transportation Research Record, 2007, 2037, 97-105.	1.9	17
9	Examination of Operator Variability for Selected Methods for Measuring Bulk Specific Gravity of Hot-Mix Asphalt Concrete. Transportation Research Record, 2001, 1761, 81-85.	1.9	14
10	Reliability-Based Mechanistic-Empirical Pavement Design with Statistical Methods. Transportation Research Record, 2012, 2305, 121-130.	1.9	10
11	Evaluation of Testing Protocols for Dynamic Modulus of Hot-Mix Asphalt. Transportation Research Record, 2006, 1970, 126-132.	1.9	9
12	Database Support for the New Mechanistic-Empirical Pavement Design Guide. Transportation Research Record, 2008, 2087, 109-119.	1.9	8
13	Mechanistic-Empirical Pavement Design Guide-Based Pavement Design Catalog for Low-Volume Roads in Arkansas. Transportation Research Record, 2011, 2203, 169-177.	1.9	7
14	Student development and ownership of ethical and professional standards. Science and Engineering Ethics, 2004, 10, 383-387.	2.9	4
15	Simple Cracking Tests: Evaluation of the IDEAL-CT Performed Using a Marshall Testing Platform. Journal of Testing and Evaluation, 2021, 49, 4496-4505.	0.7	4
16	Application of Nanoscience Modeling to Understand the Atomic Structure of C-S-H. , 2011, , 85-102.		4
17	Examination of Gamma-Ray Method for Measuring Bulk Specific Gravity of Hot-Mix Asphalt Concrete. Transportation Research Record, 2003, 1832, 148-154.	1.9	2
18	Risk Analysis of Mechanistic-Empirical Pavement Design Methods. , 2011, , .		1