

Evaluation of AASHTO T 324 Hamburg-Wheel Track De

Construction and Building Materials

114, 248-260

DOI: [10.1016/j.conbuildmat.2016.03.171](https://doi.org/10.1016/j.conbuildmat.2016.03.171)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Significance of initial rutting in prediction of rutting development and characterization of asphalt mixtures. Construction and Building Materials, 2017, 153, 157-164.	3.2	11
2	Systematic comparison of two-stage analytical rutting models of asphalt mixtures. Construction and Building Materials, 2017, 153, 716-727.	3.2	3
3	A review on solutions for improving rutting resistance of asphalt pavement and test methods. Construction and Building Materials, 2018, 168, 893-905.	3.2	158
4	Comparison and relationship between indices for the characterization of the moisture resistance of asphalt aggregate systems. Construction and Building Materials, 2018, 168, 580-589.	3.2	21
5	Analysis of Measured Mechanical Response Law of Asphalt Pavement on Roller Compacted Concrete Base Based on Strain Sensor System. IOP Conference Series: Materials Science and Engineering, 2018, 452, 022157.	0.3	1
6	Rutting and fatigue performance of asphalt mixtures containing amorphous carbon as filler and binder modifier. Construction and Building Materials, 2018, 188, 905-914.	3.2	50
7	More Practical Wheel Tracking Test for Rutting Resistance of Asphalt Mixtures. Transportation Research Record, 2019, 2673, 508-518.	1.0	4
8	The performance of asphalt mixtures modified with lignin fiber and glass fiber: A review. Construction and Building Materials, 2019, 209, 377-387.	3.2	92
9	Influence of Bitumen Modification and Gradation on Performance Characteristics of Asphalt Pavements. Journal of the Institution of Engineers (India): Series A, 2019, 100, 407-416.	0.6	7
10	Asphalt Surface Structure Combination Design Based on the Dynamic Stability of Asphalt Surface Course and Asphalt Mixture. , 2019, , .		0
11	Correlating the HWTT laboratory test data to field rutting performance of in-service highway sections. Construction and Building Materials, 2020, 236, 117552.	3.2	35
12	Establishing Indicators and an Analytic Method for Moisture Susceptibility and Rutting Resistance Evaluation Using a Hamburg Wheel Tracking Test. Materials, 2020, 13, 3269.	1.3	8
13	Performance-based assessment of rutting resistance of asphalt mixes designed for hot climate regions. International Journal of Pavement Engineering, 2020, , 1-12.	2.2	2
14	Effect of Gradation Variability on Volume Parameter and Key Performances of HMA. Frontiers in Materials, 2021, 7, .	1.2	8
15	Characterization of the fatigue behavior of asphalt mixture under full support using a Wheel-tracking Device. Construction and Building Materials, 2021, 277, 122326.	3.2	7
16	Evaluation of different analysis approaches for Hamburg Wheel-Tracking testing (HWTT) data. Construction and Building Materials, 2021, 280, 122420.	3.2	7
17	Laboratory Assessment of Epoxy Asphalt Mixture Incorporating Tire Rubber Waste. Wasit Journal of Engineering Sciences, 2021, 9, 1-10.	0.1	0
18	Development of a Balanced Mix Design Method in Oregon to Improve Long-Term Pavement Performance. Transportation Research Record, 2021, 2675, 1121-1137.	1.0	6

#	ARTICLE	IF	CITATIONS
19	Comparative study on permanent deformation in asphalt mixtures from indirect tensile strength testing and laboratory wheel tracking. <i>Construction and Building Materials</i> , 2021, 305, 124736.	3.2	13
20	Rutting Prediction Model for Semirigid Base Asphalt Pavement Based on Hamburg Wheel Tracking Test. <i>International Journal of Geomechanics</i> , 2021, 21, 04021215.	1.3	12
21	Rutting Trajectory Measurement of Curved Ramps Using 3d Line Scanning Laser System and Binocular Stereo Vision System. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
22	Evaluation of Rutting and Fatigue Behavior of Modified Asphalt Binders with Nanocomposite Phase Change Materials. <i>International Journal of Pavement Research and Technology</i> , 2023, 16, 678-692.	1.3	3
23	A systematic review of the utilization of waste materials as aggregate replacement in stone matrix asphalt mixes. <i>Environmental Science and Pollution Research</i> , 2022, 29, 35557-35582.	2.7	11
24	Laboratory Performance Evaluation of a Waterborne Epoxy-Modified Asphalt Mixture with Styrene-Butadiene Rubber for Cold Patching Applications. <i>Journal of Materials in Civil Engineering</i> , 2022, 34, .	1.3	5
25	Simple Robust Method for Analyzing Hamburg Wheel Tracking Test Data. <i>Transportation Research Record</i> , 2022, 2676, 231-250.	1.0	1
26	Evaluation of lab performance of stamp sand and acrylonitrile styrene acrylate waste composites without asphalt as road surface materials. <i>Construction and Building Materials</i> , 2022, 338, 127569.	3.2	22
27	Investigating the Properties of Asphalt Mixes Containing Recycled Polyethylene Terephthalate Fiber. <i>IOP Conference Series: Earth and Environmental Science</i> , 2022, 1022, 012039.	0.2	0
28	Investigation of waste quartz sand as filler in hot-mix asphalt. <i>Construction and Building Materials</i> , 2022, 342, 128004.	3.2	4
29	Studi Banding Metode Bina Marga dan Aashto untuk Perencanaan Perkerasan Kaku. <i>Jurnal Konstruksi</i> , 2021, 19, 98-108.	0.0	0
30	Correlating the Asphalt-Binder MSCR Test Results to the HMA HWTT and Field Rutting Performance. <i>Journal of Transportation Engineering Part B: Pavements</i> , 2022, 148, .	0.8	14
31	Comparing Different HWTT Analysis Methods for Asphalt Mixes Containing RAP and Correlating with MIST-TSR. <i>Advances in Civil Engineering Materials</i> , 2022, 11, 410-437.	0.2	0
32	Laboratory Evaluation of Dynamic Characteristics of a New High-Modulus Asphalt Mixture. <i>Sustainability</i> , 2022, 14, 11838.	1.6	3
33	Properties of Modified Warm-Mix Asphalt Mixtures Containing Different Percentages of Reclaimed Asphalt Pavement. <i>Energies</i> , 2022, 15, 7813.	1.6	2
34	Laboratory Wheel Tracking of Asphalt with Rubber Tires or Rubber Hoses. <i>Transportation Research Record</i> , 2023, 2677, 534-553.	1.0	1
35	Validation of California Test Method 389 Hamburg Wheel Track Test Using Rubberized Hot Mix Asphalt-Gap Graded for Asphalt Pavement. , 2022, , .		0