

# CITATION REPORT

List of articles citing

## Comparison of Laser-Based and Sand Patch Measurements of Pavement Surface Macrotexture

DOI: 10.1061/(asce)te.1943-5436.0000315  
Journal of Transportation Engineering, 2012, 138, 176-181.

**Source:** <https://exaly.com/paper-pdf/52368401/citation-report.pdf>

**Version:** 2024-04-26

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
27	Influence of pavement macrotexture on PM10 emissions from paved roads: A controlled study. <i>Atmospheric Environment</i> , <b>2012</b> , 63, 313-326	5.3	21
26	A state-of-the-art review on roughness quantification methods for concrete surfaces. <i>Construction and Building Materials</i> , <b>2013</b> , 38, 912-923	6.7	107
25	Estimation of Pavement Macrotexture by Principal Component Analysis of Acoustic Measurements. <i>Journal of Transportation Engineering</i> , <b>2014</b> , 140, 04013004		14
24	Sensing solutions for assessing and monitoring roads. <b>2014</b> , 461-496		2
23	A laboratory compaction approach to characterize asphalt pavement surface friction performance. <i>Wear</i> , <b>2014</b> , 311, 114-122	3.5	19
22	A study on the relationship between mean texture depth and mean profile depth of asphalt pavements. <i>Construction and Building Materials</i> , <b>2015</b> , 101, 72-79	6.7	77
21	Study of road surface characteristics in frequency domain using micro-optical 3-D camera. <i>KSCE Journal of Civil Engineering</i> , <b>2015</b> , 19, 1282-1291	1.9	3
20	Evaluation and Comparison of Real-Time Laser and Electric Sand-Patch Pavement Texture-Depth Measurement Methods. <i>Journal of Transportation Engineering</i> , <b>2016</b> , 142, 04016022		7
19	Development of a Mean Profile Depth to Mean Texture Depth Shift Factor for Asphalt Pavements. <i>Transportation Research Record</i> , <b>2017</b> , 2641, 156-163	1.7	8
18	Soft Computing Tools to Predict Progression of Percent Embedment of Aggregates in Chip Seals. <i>Transportation Research Record</i> , <b>2018</b> , 2672, 32-39	1.7	12
17	Review of Road Wear Emissions. <b>2018</b> , 161-181		3
16	Quality assurance of HMA pavement surface macrotexture: empirical models vs experimental approach. <i>International Journal of Pavement Research and Technology</i> , <b>2019</b> , 12, 356-363	2	5
15	Characterization of the Skid Resistance and Mean Texture Depth in a Permeable Asphalt Pavement. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 471, 022029	0.4	4
14	A novel pavement mean texture depth evaluation strategy based on three-dimensional pavement data filtered by a new filtering approach. <i>Measurement: Journal of the International Measurement Confederation</i> , <b>2020</b> , 166, 108265	4.6	10
13	Field evaluation of a handheld laser meter for pavement surface macro texture measurement. <i>International Journal of Pavement Engineering</i> , <b>2021</b> , 22, 950-959	2.6	4
12	Design of an active triangulation based measurement device for pavement surfaces. <i>International Journal of Pavement Engineering</i> , 1-10	2.6	2
11	Acoustic Performance Evaluation of Dense-Graded Asphalt Pavements in Qatar. <i>Advances in Civil Engineering</i> , <b>2021</b> , 2021, 1-16	1.3	2

10	Surface finish classification using depth camera data. <i>Automation in Construction</i> , <b>2021</b> , 129, 103799	9.6	2
9	Automated and contactless approaches for pavement surface texture measurement and analysis □ A review. <i>Construction and Building Materials</i> , <b>2021</b> , 301, 124235	6.7	3
8	Study on the interfacial shear performance between engineered cementitious composites and concrete after being subjected to high temperatures. <i>Journal of Building Engineering</i> , <b>2021</b> , 44, 103328	5.2	
7	A Novel Camera-Based Measurement System for Roughness Determination of Concrete Surfaces. <i>Materials</i> , <b>2020</b> , 14,	3.5	2
6	Investigating threshold wind velocity for movement of sparsely distributed gravels in a wind tunnel: Effect of surface coarseness. <i>Aeolian Research</i> , <b>2022</b> , 54, 100775	3.9	
5	Prediction Model to Calculate Pavement Skid Number at Different Speeds. <i>International Journal of Pavement Research and Technology</i> , 1	2	
4	3D pavement macrotexture parameters from close range photogrammetry. <i>International Journal of Pavement Engineering</i> , 1-15	2.6	0
3	A recent overview of the effect of road surface properties on road safety, environment, and how to monitor them.		
2	Sensing solutions for assessing and monitoring roads. <b>2022</b> , 299-330		0
1	Review: Shear Properties and Various Mechanical Tests in the Interface Zone of Asphalt Layers. <b>2023</b> , 8, 48		0