Ghazi G Al-Khateeb

List of Publications by Year
in descending order

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32	812	567281	501196
papers	citations	15	28
		h-index	g-index

33	33	33	589
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Improved test method for determination of the equiviscous temperature of asphalt binders. International Journal of Pavement Engineering, 2022, 23, 4561-4573.	4.4	1
2	Review of the Superpave performance grading system and recent developments in the performance-based test methods for asphalt binder characterization. Construction and Building Materials, 2022, 319, 126063.	7.2	24
3	Investigating the Physical and Rheological Properties of Date Seed Ash-Modified Asphalt Binders in the UAE. , 2022, , .		1
4	Rheological Properties of Rubber Modified Asphalt Binder in the UAE. Sustainable Civil Infrastructures, 2022, , 1083-1097.	0.2	1
5	Use of the multiple stress creep recovery (MSCR) test to characterize the rutting potential of asphalt binders: A literature review. Construction and Building Materials, 2021, 269, 121320.	7.2	93
6	Evaluation of Low- and Intermediate-Temperature Performance of Bio Oil-Modified Asphalt Binders. Sustainability, 2021, 13, 4039.	3.2	10
7	Analysis of MSCR test results for asphalt binders with improved accuracy. Materials and Structures/Materiaux Et Constructions, 2021, 54, 1.	3.1	18
8	Mechanical properties of styrofoam-modified asphalt binders. International Journal of Pavement Research and Technology, 2020, 13, 205-211.	2.6	9
9	Mechanistic-empirical evaluation of specific polymer-modified asphalt binders effect on the rheological performance. Science Progress, 2020, 103, 003685042095987.	1.9	3
10	Characterization of the shear-thinning behavior of asphalt binders with consideration of yield stress. Materials and Structures/Materiaux Et Constructions, 2020, 53, 1.	3.1	16
11	A framework for linear viscoelastic characterization of asphalt mixtures. Materials and Structures/Materiaux Et Constructions, 2020, 53, 1.	3.1	19
12	Performance assessment of bio-modified asphalt binder using extracted bio oil from date seeds waste. International Journal of Systems Assurance Engineering and Management, 2020, 11, 1260-1270.	2.4	15
13	Shear properties of waste glass-asphalt mastics. International Journal of Pavement Research and Technology, 2019, 12, 307-314.	2.6	9
14	Innovative Materials, New Design Methods, and Advanced Characterization Techniques for Sustainable Asphalt Pavements. Advances in Materials Science and Engineering, 2019, 2019, 1-3.	1.8	6
15	Mixture-property-independent asphalt film thickness model. Materials Today Communications, 2019, 19, 482-486.	1.9	13
16	Conceptualizing the asphalt film thickness to investigate the Superpave VMA criteria. International Journal of Pavement Engineering, 2018, 19, 957-965.	4.4	18
17	Studying rutting performance of Superpave asphalt mixtures using unconfined dynamic creep and simple performance tests. Road Materials and Pavement Design, 2018, 19, 315-333.	4.0	18
18	Mechanical Behavior of Asphalt Mastics Produced Using Waste Stone Sawdust. Advances in Materials Science and Engineering, 2018, 2018, 1-10.	1.8	7

#	Article	IF	Citations
19	A new simplified micromechanical model for asphalt mastic behavior. Construction and Building Materials, 2017, 149, 587-598.	7.2	19
20	Effect of Superpave restricted zone on volumetric and compaction properties of asphalt mixtures. International Journal of Pavement Research and Technology, 2017, 10, 488-496.	2.6	5
21	Investigation of the effect of rubber on rheological properties of asphalt binders using superpave DSR. KSCE Journal of Civil Engineering, 2015, 19, 127-135.	1.9	39
22	The combined effect of loading frequency, temperature, and stress level on the fatigue life of asphalt paving mixtures using the IDT test configuration. International Journal of Fatigue, 2014, 59, 254-261.	5.7	70
23	Using oil shale ash waste as a modifier for asphalt binders. Journal of Material Cycles and Waste Management, 2013, 15, 522-529.	3.0	26
24	Selection and verification of performance grading for asphalt binders produced in Jordan. International Journal of Pavement Engineering, 2013, 14, 116-124.	4.4	15
25	Laboratory Study for Comparing Rutting Performance of Limestone and Basalt Superpave Asphalt Mixtures. Journal of Materials in Civil Engineering, 2013, 25, 21-29.	2.9	28
26	Effect of Medical Ash on Shear Properties of Asphalt Binder Using Superpave Dynamic Shear Rheometer (DSR). Journal of Solid Waste Technology and Management, 2012, 38, 19-27.	0.2	10
27	Properties of Portland cement-modified asphalt binder using Superpave tests. Construction and Building Materials, 2011, 25, 926-932.	7.2	51
28	A Simple Quantitative Method for Identification of Failure due to Fatigue Damage. International Journal of Damage Mechanics, 2011, 20, 3-21.	4.2	23
29	Comparison of Simple Performance Test |E[*]| of Accelerated Loading Facility Mixtures and Prediction |E[*]|. Transportation Research Record, 2007, 1998, 1-9.	1.9	32
30	Mechanistic Analyses of FHWA's Accelerated Loading Facility Pavements. Transportation Research Record, 2007, 1990, 150-161.	1.9	6
31	Assessment of Aging at FHWA's Pavement Testing Facility. Transportation Research Record, 2005, 1940, 146-155.	1.9	6
32	Understanding Asphalt Mastic Behavior Through Micromechanics. Transportation Research Record, 1999, 1681, 157-169.	1.9	201