

Nuha S Mashaan

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

599
citations

623734

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all docs

28
docs citations

28
times ranked

465
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review on the Effect of Crumb Rubber Addition to the Rheology of Crumb Rubber Modified Bitumen. <i>Advances in Materials Science and Engineering</i> , 2013, 2013, 1-8.	1.8	71
2	A Review on Using Crumb Rubber in Reinforcement of Asphalt Pavement. <i>Scientific World Journal</i> , The, 2014, 2014, 1-21.	2.1	71
3	Investigating the engineering properties of asphalt binder modified with waste plastic polymer. <i>Ain Shams Engineering Journal</i> , 2021, 12, 1569-1574.	6.1	54
4	Investigations of Physical and Rheological Properties of Aged Rubberised Bitumen. <i>Advances in Materials Science and Engineering</i> , 2013, 2013, 1-7.	1.8	53
5	Investigating the rheological properties of crumb rubber modified bitumen and its correlation with temperature susceptibility. <i>Materials Research</i> , 2013, 16, 116-127.	1.3	44
6	Performance Evaluation of Crumb Rubber Modified Stone Mastic Asphalt Pavement in Malaysia. <i>Advances in Materials Science and Engineering</i> , 2013, 2013, 1-8.	1.8	36
7	Effects of Using Silica Fume and Polycarboxylate-Type Superplasticizer on Physical Properties of Cementitious Grout Mixtures for Semiflexible Pavement Surfacing. <i>Scientific World Journal</i> , The, 2014, 2014, 1-7.	2.1	36
8	Utilisation of Waste-Based Geopolymer in Asphalt Pavement Modification and Construction – A Review. <i>Sustainability</i> , 2021, 13, 3330.	3.2	28
9	Laboratory Properties of Waste PET Plastic-Modified Asphalt Mixes. <i>Recycling</i> , 2021, 6, 49.	5.0	24
10	Dynamic Properties and Fatigue Life of Stone Mastic Asphalt Mixtures Reinforced with Waste Tyre Rubber. <i>Advances in Materials Science and Engineering</i> , 2013, 2013, 1-9.	1.8	20
11	An overview of crumb rubber modified asphalt. <i>International Journal of Physical Sciences</i> , 2012, 7, .	0.4	17
12	Effects of Waste Frying Oil and Crumb Rubber on the Characteristics of a Reclaimed Asphalt Pavement Binder. <i>Materials</i> , 2021, 14, 3482.	2.9	17
13	Waste tyre rubber in asphalt pavement modification. <i>Materials Research Innovations</i> , 2014, 18, S6-6-S6-9.	2.3	16
14	Evaluation of Permanent Deformation of CRM-Reinforced SMA and Its Correlation with Dynamic Stiffness and Dynamic Creep. <i>Scientific World Journal</i> , The, 2013, 2013, 1-7.	2.1	14
15	Evaluation of Fatigue Life of CRM-Reinforced SMA and Its Relationship to Dynamic Stiffness. <i>Scientific World Journal</i> , The, 2014, 2014, 1-11.	2.1	11
16	The Effect of Crumb Rubber Particle Size to the Optimum Binder Content for Open Graded Friction Course. <i>Scientific World Journal</i> , The, 2014, 2014, 1-8.	2.1	10
17	Bituminous Pavement Reinforcement with Fiber: A Review. <i>CivilEng</i> , 2021, 2, 599-611.	1.4	10
18	Encouraging Sustainable Use of RAP Materials for Pavement Construction in Oman: A Review. <i>Recycling</i> , 2022, 7, 35.	5.0	10

#	ARTICLE	IF	CITATIONS
19	Study on HDPE Effect on Rutting Resistance of Binder. Buildings, 2020, 10, 156.	3.1	9
20	Experimental Study of the Usability of Recycling Marble Waste as Aggregate for Road Construction. Sustainability, 2022, 14, 3195.	3.2	8
21	Evaluation of the Performance of Two Australian Waste-Plastic-Modified Hot Mix Asphalts. Recycling, 2022, 7, 16.	5.0	8
22	Modelling of Cyclic Load Behaviour of Smart Composite Steel-Concrete Shear Wall Using Finite Element Analysis. Buildings, 2022, 12, 850.	3.1	7
23	A Comparison on Physical and Rheological Properties of Three Different Waste Plastic-Modified Bitumen. Recycling, 2022, 7, 18.	5.0	6
24	Performance of PET and nano-silica modified stone mastic asphalt mixtures. Case Studies in Construction Materials, 2022, 16, e01044.	1.7	6
25	Evaluation and Numerical Investigations of the Cyclic Behavior of Smart Composite Steel-Concrete Shear Wall: Comprehensive Study of Finite Element Model. Materials, 2022, 15, 4496.	2.9	5
26	Physical, Chemical and Thermal Properties of Palm Oil Boiler Ash/Rediset-Modified Asphalt Binder. Sustainability, 2022, 14, 3016.	3.2	4
27	Effect of Quartz Nano-Particles on the Performance Characteristics of Asphalt Mixture. Infrastructures, 2022, 7, 60.	2.8	2
28	Experimental Investigation of the High Temperatures Effects on Self-Compacting Concrete Properties. Buildings, 2022, 12, 729.	3.1	2