

# Mohd Ezree Abdullah

## List of Publications by Year in descending order

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Version: 2024-02-01

59  
papers

565  
citations

759233

12  
h-index

794594

19  
g-index

59  
all docs

59  
docs citations

59  
times ranked

435  
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering properties of asphalt binders containing nanoclay and chemical warm-mix asphalt additives. <i>Construction and Building Materials</i> , 2016, 112, 232-240.	7.2	54
2	High temperature characteristics of warm mix asphalt mixtures with nanoclay and chemical warm mix asphalt modified binders. <i>Journal of Cleaner Production</i> , 2016, 122, 326-334.	9.3	49
3	Dynamic Load Coefficient of Tyre Forces from Truck Axles. <i>Applied Mechanics and Materials</i> , 0, 405-408, 1900-1911.	0.2	33
4	Microstructural characterisation of dry mixed rubberised asphalt mixtures. <i>Construction and Building Materials</i> , 2015, 82, 173-183.	7.2	32
5	Effect of Aging on Resilient Modulus of Hot Mix Asphalt Mixtures. <i>Advanced Materials Research</i> , 0, 723, 291-297.	0.3	31
6	Short Term and Long Term Aging Effects of Asphalt Binder Modified with Montmorillonite. <i>Key Engineering Materials</i> , 0, 594-595, 996-1002.	0.4	28
7	Laboratory evaluation on the characteristics and pollutant emissions of nanoclay and chemical warm mix asphalt modified binders. <i>Construction and Building Materials</i> , 2016, 113, 488-497.	7.2	27
8	Rheological Properties of Asphalt Binder Modified with Chemical Warm Asphalt Additive. <i>Advanced Materials Research</i> , 2013, 671-674, 1692-1699.	0.3	24
9	Engineering properties of bitumen modified with bio-oil. <i>MATEC Web of Conferences</i> , 2018, 250, 02003.	0.2	22
10	Rutting Evaluation of Aged Binder Containing Waste Engine Oil. <i>Advanced Materials Research</i> , 0, 911, 405-409.	0.3	20
11	Effect of Waste Plastic as Bitumen Modified in Asphalt Mixture. <i>MATEC Web of Conferences</i> , 2017, 103, 09018.	0.2	19
12	A Review on The Exploration of Nanomaterials Application in Pavement Engineering. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 73, .	0.4	18
13	Influence of diatomite filler on rheological properties of porous asphalt mastic. <i>International Journal of Pavement Engineering</i> , 2020, 21, 428-436.	4.4	17
14	Warm Mix Asphalt Technology: A Review. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 71, .	0.4	16
15	Effect of various filler types on the properties of porous asphalt mixture. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 342, 012036.	0.6	13
16	Effect of Aggregate Shape on Skid Resistance of Compacted Hot Mix Asphalt (HMA). , 2010, , .		12
17	Effects of Waste Plastic on the Physical and Rheological Properties of Bitumen. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 204, 012016.	0.6	12
18	A review of using porous asphalt pavement as an alternative to conventional pavement in stormwater treatment. <i>World Journal of Engineering</i> , 2017, 14, 355-362.	1.6	12

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19	Effect of Thermal Expansion and Sonication on Mechanical Properties and Adhesive Toughness Measurement of Polymer/Graphene Composite. <i>Materials Science Forum</i> , 0, 889, 14-18.	0.3	11
20	Effect of Charcoal Ash Coconut Shell from Waste Material at Different Size on the Physical Properties of Bitumen. <i>Key Engineering Materials</i> , 2017, 744, 121-125.	0.4	9
21	Image processing procedure to quantify the internal structure of porous asphalt concrete. <i>Multidiscipline Modeling in Materials and Structures</i> , 2019, 15, 206-226.	1.3	8
22	Marshall stability properties of asphalt mixture incorporating black rice husk ash. <i>Materials Today: Proceedings</i> , 2018, 5, 22056-22062.	1.8	7
23	Physical and rheological properties of Titanium Dioxide modified asphalt. <i>E3S Web of Conferences</i> , 2018, 34, 01035.	0.5	6
24	Performance of Kaolin Clay on the Concrete Pavement. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 358, 012049.	0.6	6
25	Investigating the Feasibility of Using <i>Jatropha Curcas</i> Oil (JCO) as Bio Based Rejuvenator in Reclaimed Asphalt Pavement (RAP). <i>MATEC Web of Conferences</i> , 2017, 103, 09013.	0.2	5
26	Effect of Nano Silica on the Physical Property of Porous Concrete Pavement. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 226, 012043.	0.6	5
27	Effect of Bio based rejuvenator on mix design, Energy consumption and GHG Emission of High RAP Mixture. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 140, 012086.	0.3	5
28	Performance of Kaolin Clay on Hot-mix Asphalt Properties. <i>Journal of Physics: Conference Series</i> , 2018, 1049, 012002.	0.4	5
29	Comparison of Shear Strength Properties for Undisturbed and Reconstituted Parit Nipah Peat, Johor. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016, 160, 012058.	0.6	4
30	RHEOLOGICAL BEHAVIOUR OF COCONUT SHELL POWDER MODIFIED ASPHALT BINDER. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2016, 78, .	0.4	4
31	Effect of Warm Asphalt Additive on the Creep and Recovery Behaviour of Aged Binder Containing Waste Engine Oil. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 226, 012066.	0.6	4
32	Performance of macro clay on the porous asphalt mixture properties. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 271, 012050.	0.6	4
33	A Comparative Study on the Effect of Virtual Field Trips (VFTs) Through Video Aided Learning (VAL) and Traditional Learning Approaches on Students Knowledge Acquisition. <i>Advanced Science Letters</i> , 2016, 22, 4036-4039.	0.2	4
34	Evaluation of Pavement Mixture Incorporating Waste Oil. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 71, .	0.4	3
35	Predicting Truck Load Variation Using Q-Truck Model. <i>Applied Mechanics and Materials</i> , 0, 534, 105-110.	0.2	3
36	A REVIEW ON APPLICATION OF WASTE COOKING OIL AS REJUVENATOR IN POROUS ASPHALT MIXTURE. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2016, 78, .	0.4	3

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37	EVALUATING THE COOLING RATE OF HOT MIX ASPHALT IN TROPICAL CLIMATE. Jurnal Teknologi (Sciences) Tj ETQq1, 1 0.784314 rgBT (0.4	0.4	3
38	Conversion Shear Wave Velocity to Standard Penetration Resistance. IOP Conference Series: Materials Science and Engineering, 2016, 136, 012009.	0.6	3
39	Voids characteristics of asphaltic concrete containing coconut shell. IOP Conference Series: Materials Science and Engineering, 2017, 222, 012001.	0.6	3
40	Physical and rheological properties of nano zinc oxide modified asphalt binder. MATEC Web of Conferences, 2018, 250, 02004.	0.2	3
41	DETERMINING THE EFFECTS OF RH-WMA ON THE ENGINEERING PROPERTIES OF BITUMEN. Jurnal Teknologi (Sciences and Engineering), 2019, 81, .	0.4	3
42	Performance of Waste Cooking Oil on Aged Asphalt Mixture. E3S Web of Conferences, 2018, 65, 02002.	0.5	2
43	Effect of Bio based rejuvenator on Permanent Deformation of Aged Bitumen. International Journal of Integrated Engineering, 2018, 10, .	0.4	2
44	Challenges of Gathering User Requirement in eXtreme Programming Project: A Case Study of Highway Construction Monitoring System. Key Engineering Materials, 2013, 594-595, 511-515.	0.4	1
45	Adapting eXtreme Programming Approach in Developing Electronic Document Online System (eDoc). Applied Mechanics and Materials, 2013, 321-324, 2938-2941.	0.2	1
46	Application of Google Maps API with Grails Services for Mapping Highway Construction Sites. Advanced Materials Research, 0, 671-674, 3185-3188.	0.3	1
47	EXPERIMENTAL EVALUATION OF ANTI-STRIPPING ADDITIVES ON POROUS ASPHALT MIXTURES. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	1
48	EXTRACTION TECHNIQUES AND INDUSTRIAL APPLICATIONS OF JATROPHA CURCAS. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	1
49	Evaluation of the Permanent Deformations and Aging Conditions of Batu Pahat Soft Clay-Modified Asphalt Mixture by Using a Dynamic Creep Test. MATEC Web of Conferences, 2016, 47, 03016.	0.2	1
50	The comparison of properties and cost of material use of natural rubber and sand in manufacturing cement mortar for construction sub-base layer. IOP Conference Series: Materials Science and Engineering, 2017, 271, 012017.	0.6	1
51	Performance of asphalt mixture incorporating recycled waste. AIP Conference Proceedings, 2017, , .	0.4	1
52	Effects of Kaolin Clay on the Mechanical Properties of Asphaltic Concrete AC14. IOP Conference Series: Earth and Environmental Science, 2018, 140, 012121.	0.3	1
53	Effect of Chemical Warm Asphalt Additive on the Rutting Characteristic of Aged Binder Containing Waste Engine Oil. Journal of Physics: Conference Series, 2018, 1049, 012030.	0.4	1
54	Determination of Heavy Metal Concentration of Benut River at Simpang Renggam, Johor. IOP Conference Series: Earth and Environmental Science, 2020, 498, 012075.	0.3	1

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55	THE PHYSICAL AND RHEOLOGICAL CHARACTERISTICS OF MODIFIED ASPHALT BINDER WITH TITANIUM DIOXIDE R15. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	0
56	The Effect of Dustler on Reducing Stripping Failure in Hot Mix Asphalt Mixture. IOP Conference Series: Materials Science and Engineering, 2017, 226, 012056.	0.6	0
57	Laboratory Study on the Fatigue Resistance of Asphaltic Concrete Containing Titanium Dioxide. E3S Web of Conferences, 2018, 34, 01021.	0.5	0
58	Effect of Rainfall Patterns on Concentration Of CO <sub>2</sub> , Soil Temperature And Matric Suction For Acidic Barren Soil. Journal of Physics: Conference Series, 2018, 1049, 012089.	0.4	0
59	Introduction of Database Concept Courseware Evaluation Using One-Group Pre-Test Post-Test Experimental Design. Advanced Science Letters, 2016, 22, 4014-4017.	0.2	0