

# Ramadhansyah Putra Jaya

## List of Publications by Year in descending order

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Version: 2024-02-01

210  
papers

2,633  
citations

304743

22  
h-index

254184

43  
g-index

218  
all docs

218  
docs citations

218  
times ranked

1996  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pollution to solution: Capture and sequestration of carbon dioxide (CO <sub>2</sub> ) and its utilization as a renewable energy source for a sustainable future. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 71, 112-126.	16.4	462
2	Chemical modification of waste cooking oil to improve the physical and rheological properties of asphalt binder. <i>Construction and Building Materials</i> , 2016, 126, 218-226.	7.2	146
3	Performance of blended ash geopolymer concrete at elevated temperatures. <i>Materials and Structures/Materiaux Et Constructions</i> , 2015, 48, 709-720.	3.1	103
4	Impacts of recycled crumb rubber powder and natural rubber latex on the modified asphalt rheological behaviour, bonding, and resistance to shear. <i>Construction and Building Materials</i> , 2020, 234, 117357.	7.2	72
5	Performance of nanoceramic powder on the chemical and physical properties of bitumen. <i>Construction and Building Materials</i> , 2017, 156, 496-505.	7.2	66
6	Effect of rice husk ash fineness on the chemical and physical properties of concrete. <i>Magazine of Concrete Research</i> , 2011, 63, 313-320.	2.0	59
7	Palm oil fuel ash as potential green micro-filler in polymer concrete. <i>Construction and Building Materials</i> , 2016, 102, 950-960.	7.2	58
8	Mechanical performance of asphaltic concrete incorporating untreated and treated waste cooking oil. <i>Construction and Building Materials</i> , 2017, 150, 653-663.	7.2	56
9	Effects of nanocharcoal coconut-shell ash on the physical and rheological properties of bitumen. <i>Construction and Building Materials</i> , 2018, 158, 1-10.	7.2	48
10	Relation between Density and Compressive Strength of Foamed Concrete. <i>Materials</i> , 2021, 14, 2967.	2.9	47
11	Short-term effects of sulphate and chloride on the concrete containing coal bottom ash as supplementary cementitious material. <i>Engineering Science and Technology, an International Journal</i> , 2019, 22, 515-522.	3.2	42
12	Properties of concrete with eggshell powder: A review. <i>Physics and Chemistry of the Earth</i> , 2020, 120, 102951.	2.9	42
13	Mechanical performance of asphalt mixture containing nano-charcoal coconut shell ash. <i>Construction and Building Materials</i> , 2018, 173, 40-48.	7.2	40
14	Effects of mixture design variables on rubber-bitumen interaction: properties of dry mixed rubberized asphalt mixture. <i>Materials and Structures/Materiaux Et Constructions</i> , 2017, 50, 1.	3.1	36
15	Design of Experiment on Concrete Mechanical Properties Prediction: A Critical Review. <i>Materials</i> , 2021, 14, 1866.	2.9	35
16	Strength and microstructure analysis of concrete containing rice husk ash under seawater attack by wetting and drying cycles. <i>Advances in Cement Research</i> , 2014, 26, 145-154.	1.6	34
17	Microstructural characterisation of dry mixed rubberised asphalt mixtures. <i>Construction and Building Materials</i> , 2015, 82, 173-183.	7.2	32
18	Evaluating the Chemical and Rheological Attributes of Aged Asphalt: Synergistic Effects of Maltene and Waste Engine Oil Rejuvenators. <i>Arabian Journal for Science and Engineering</i> , 2020, 45, 8685-8697.	3.0	28

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19	Properties of mortar with fine eggshell powder as partial cement replacement. <i>Materials Today: Proceedings</i> , 2021, 46, 1574-1581.	1.8	26
20	Thermal performance of cooling strategies for asphalt pavement: A state-of-the-art review. <i>Journal of Traffic and Transportation Engineering (English Edition)</i> , 2021, 8, 356-373.	4.2	26
21	A Review on the Durability of Recycled Asphalt Mixtures Embraced with Rejuvenators. <i>Sustainability</i> , 2021, 13, 8970.	3.2	26
22	Causes of fatal construction accidents in Malaysia. <i>IOP Conference Series: Earth and Environmental Science</i> , 0, 220, 012044.	0.3	25
23	A review on rejuvenating materials used with reclaimed hot mix asphalt. <i>Canadian Journal of Civil Engineering</i> , 2021, 48, 233-249.	1.3	25
24	Steel Slag as A Road Construction Material. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 73, .	0.4	22
25	Engineering properties of bitumen modified with bio-oil. <i>MATEC Web of Conferences</i> , 2018, 250, 02003.	0.2	22
26	A Review on Potential Use of Coal Bottom Ash as a Supplementary Cementing Material in Sustainable Concrete Construction. <i>International Journal of Integrated Engineering</i> , 2018, 10, .	0.4	22
27	Performance of Waste Cooking Oil in Asphalt Binder Modification. <i>Key Engineering Materials</i> , 0, 700, 216-226.	0.4	20
28	A REVIEW OF CHEMICAL AND PHYSICAL PROPERTIES OF COCONUT SHELL IN ASPHALT MIXTURE. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2016, 78, .	0.4	19
29	Fresh Properties and Flexural Strength of Self-Compacting Concrete Integrating Coal Bottom Ash. <i>MATEC Web of Conferences</i> , 2016, 47, 01010.	0.2	19
30	Effect of Waste Plastic as Bitumen Modified in Asphalt Mixture. <i>MATEC Web of Conferences</i> , 2017, 103, 09018.	0.2	19
31	Effect of Aluminium Powder on Kaolin-Based Geopolymer Characteristic and Removal of Cu <sup>2+</sup> . <i>Materials</i> , 2021, 14, 814.	2.9	19
32	Characterisation of microstructural and sound absorption properties of porous asphalt subjected to progressive clogging. <i>Construction and Building Materials</i> , 2021, 283, 122654.	7.2	19
33	Evaluation on the rheological and mechanical properties of concrete incorporating eggshell with tire powder. <i>Journal of Materials Research and Technology</i> , 2021, 14, 439-451.	5.8	19
34	A Review of Crumb Rubber Modification in Dry Mixed Rubberised Asphalt Mixtures. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 70, .	0.4	18
35	A Review on The Exploration of Nanomaterials Application in Pavement Engineering. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 73, .	0.4	18
36	RHEOLOGICAL PROPERTIES OF STYRENE BUTADIENE RUBBER MODIFIED BITUMEN BINDER. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2016, 78, .	0.4	18

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37	The Influence of Coconut Shell as Coarse Aggregates in Asphalt Mixture. <i>Key Engineering Materials</i> , 0, 700, 227-237.	0.4	18
38	Properties of cup lump rubber modified asphalt binder. <i>Road Materials and Pavement Design</i> , 2021, 22, 1329-1349.	4.0	18
39	The Indirect Tensile Strength of Palm Oil Fuel Ash (POFA) Modified Asphaltic Concrete. <i>Applied Mechanics and Materials</i> , 0, 587-589, 1270-1275.	0.2	17
40	Chemical Properties of Waste Tyre Rubber Granules. <i>Advanced Materials Research</i> , 0, 911, 77-81.	0.3	17
41	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
42	Properties of Porous Asphalt Mixture Made with Styrene Butadiene Styrene under Long Term Oven Ageing. <i>Advanced Materials Research</i> , 2012, 486, 378-383.	0.3	16
43	Physical, rheological and chemical features of recycled asphalt embraced with a hybrid rejuvenating agent. <i>International Journal of Pavement Engineering</i> , 2022, 23, 3036-3054.	4.4	16
44	Chemical Identification of Waste Cooking Oil as Additive in Bitumen. <i>Key Engineering Materials</i> , 0, 700, 207-215.	0.4	15
45	Physical, chemical and morphology characterisation of nano ceramic powder as bitumen modification. <i>International Journal of Pavement Engineering</i> , 2021, 22, 858-871.	4.4	15
46	Properties of Mortar Containing Rice Husk Ash at Different Temperature and Exposed to Aggressive Environment. <i>Advanced Materials Research</i> , 0, 620, 87-93.	0.3	14
47	A Review of Porous Concrete Pavement: Applications and Engineering Properties. <i>Applied Mechanics and Materials</i> , 0, 554, 37-41.	0.2	14
48	Effect of optimum utilization of silica fume and eggshell ash to the engineering properties of expansive soil. <i>Journal of Materials Research and Technology</i> , 2021, 14, 1401-1418.	5.8	14
49	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
50	Laboratory Investigation on the Effects of Flaky Aggregates on Dynamic Creep and Resilient Modulus of Asphalt Mixtures. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 70, .	0.4	12
51	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
52	Causes of crane accidents at construction sites in Malaysia. <i>IOP Conference Series: Earth and Environmental Science</i> , 0, 220, 012028.	0.3	12
53	The tailored traits of reclaimed asphalt pavement incorporating maltene: performance analyses. <i>International Journal of Pavement Engineering</i> , 2022, 23, 1800-1813.	4.4	12
54	Impacts of Maltene on the Wettability and Adhesion Properties of Rejuvenated Asphalt Binder. <i>Arabian Journal for Science and Engineering</i> , 2021, 46, 10557-10568.	3.0	12

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55	Stability and rutting resistance of porous asphalt mixture incorporating coconut shells and fibres. IOP Conference Series: Earth and Environmental Science, 0, 244, 012043.	0.3	11
56	Engineering properties of crumb rubber modified dense-graded asphalt mixtures using dry process. IOP Conference Series: Earth and Environmental Science, 0, 220, 012009.	0.3	11
57	Volumetric Properties and Resilient Modulus of Stone Mastic Asphalt incorporating Cellulose Fiber. IOP Conference Series: Materials Science and Engineering, 2020, 712, 012028.	0.6	11
58	Effects of maltene on the attributes of reclaimed asphalt pavement: Performance optimisation. Construction and Building Materials, 2021, 302, 124210.	7.2	11
59	Linear viscoelastic response of semi-circular asphalt sample based on digital image correlation and XFEM. Measurement: Journal of the International Measurement Confederation, 2022, 192, 110866.	5.0	11
60	Performance of Modified Asphalt Binder with Tire Rubber Powder. Jurnal Teknologi (Sciences and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.4	10
61	Strength and Properties of Concrete Pavement Incorporating Multiple Blended Binders. Materials Science Forum, 2017, 889, 265-269.	0.3	10
62	The influence of nano-carbon from coconut shell ash as modifier on the properties of bitumen. Road Materials and Pavement Design, 2022, 23, 770-786.	4.0	10
63	Stability and Volumetric Properties of Asphalt Mixture Containing Waste Plastic. MATEC Web of Conferences, 2017, 103, 09002.	0.2	9
64	Effect of black rice husk ash on the physical and rheological properties of bitumen. AIP Conference Proceedings, 2017, , .	0.4	9
65	Effect of Charcoal Ash Coconut Shell from Waste Material at Different Size on the Physical Properties of Bitumen. Key Engineering Materials, 2017, 744, 121-125.	0.4	9
66	Waste Cooking Oil as Bio Asphalt Binder: A Critical Review. IOP Conference Series: Materials Science and Engineering, 2020, 712, 012040.	0.6	9
67	Mechanical Performance of Stone Mastic Asphalt Incorporating Steel Fiber. IOP Conference Series: Materials Science and Engineering, 2020, 712, 012026.	0.6	9
68	Double Layer Concrete Paving Blocks Using Waste Tyre Rubber as Aggregate Replacement. Applied Mechanics and Materials, 2014, 554, 128-132.	0.2	8
69	Curing of Asphalt Emulsified Tack Coat Subjected to Malaysian Weather Conditions. Journal of Materials in Civil Engineering, 2015, 27, .	2.9	8
70	Properties of bitumen modified with latex. IOP Conference Series: Materials Science and Engineering, 2019, 527, 012063.	0.6	8
71	Strength and Porosity of Porous Concrete Pavement Containing Nano Black Rice Husk Ash. IOP Conference Series: Materials Science and Engineering, 2020, 712, 012037.	0.6	8
72	Properties of Mortar with Waste Tyre Rubber as Partial Sand Replacement. Key Engineering Materials, 0, 879, 49-61.	0.4	8

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73	Meta-analysis of studies on eggshell concrete using mixed regression and response surface methodology. Journal of King Saud University, Engineering Sciences, 2021, , .	2.0	8
74	Influence of Ground Coal Bottom Ash on the Properties of Concrete. International Journal of Sustainable Construction Engineering and Technology, 2018, 9, .	0.3	8
75	A REVIEW OF UTILIZATION OF COCONUT SHELL AND COCONUT FIBER IN ROAD CONSTRUCTION. Jurnal Teknologi (Sciences and Engineering), 2015, 76, .	0.4	7
76	Cementitious Materials Usage in Self-Compacting Concrete: A Review. Advanced Materials Research, 0, 1113, 153-160.	0.3	7
77	ANALYSIS OF CAR FOLLOWING HEADWAY ALONG MULTILANE HIGHWAY. Jurnal Teknologi (Sciences and) Tj ETQq1,1,0.7843,14 rgBT	0.4	7
78	Marshall stability properties of asphalt mixture incorporating black rice husk ash. Materials Today: Proceedings, 2018, 5, 22056-22062.	1.8	7
79	Physical and chemical properties of cement with nano black rice husk ash. AIP Conference Proceedings, 2019, , .	0.4	7
80	Engineering properties of asphalt binder modified with cup lump rubber. IOP Conference Series: Earth and Environmental Science, 0, 220, 012014.	0.3	7
81	Rejuvenation of Hot Mix Asphalt Incorporating High RAP Content: Issues to Consider. IOP Conference Series: Earth and Environmental Science, 2020, 498, 012009.	0.3	7
82	Effect of Dried Sewage Sludge on Compressive Strength of Concrete. IOP Conference Series: Materials Science and Engineering, 2020, 712, 012042.	0.6	7
83	Restoration of Aged Bitumen Properties Using Maltenes. IOP Conference Series: Materials Science and Engineering, 2020, 713, 012014.	0.6	7
84	Morphological and Physical Characteristic of Stone Mastic Asphalt Mixture Incorporating Nano Silica. Open Civil Engineering Journal, 2020, 14, 113-125.	0.8	7
85	A new approach to enhance the reclaimed asphalt pavement features: role of maltene as a rejuvenator. Road Materials and Pavement Design, 2022, 23, 2507-2530.	4.0	7
86	THE EFFECT OF UTILIZING SILICA FUME AND EGGHELL ASH ON THE GEOTECHNICAL PROPERTIES OF SOFT KAOLIN CLAY. Jurnal Teknologi (Sciences and Engineering), 2021, 84, 159-170.	0.4	7
87	Effect of Coral Aggregates of Blended Cement Concrete Subjected to Different Water Immersion Condition. Advances in Civil Engineering, 2022, 2022, 1-10.	0.7	7
88	Porous Concrete Paving Blocks Using Coarse Aggregate. Applied Mechanics and Materials, 0, 554, 111-115.	0.2	6
89	Use of Imaging Techniques for Viewing the Internal Structure of Rubberised Asphalt Mixtures. Applied Mechanics and Materials, 0, 695, 8-11.	0.2	6
90	Utilization of Nano Silica as Cement Paste in Mortar and Porous Concrete Pavement. Advanced Materials Research, 2015, 1113, 135-139.	0.3	6

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91	Fire resistance of ultra-high performance fibre reinforced concrete due to heating and cooling. MATEC Web of Conferences, 2017, 87, 01021.	0.2	6
92	Rutting resistance of untreated and treated waste cooking oil in bitumen after aging condition. IOP Conference Series: Earth and Environmental Science, 2019, 244, 012041.	0.3	6
93	Moisture susceptibility of porous asphalt mixture with Nano silica modified asphalt binder. IOP Conference Series: Earth and Environmental Science, 2019, 244, 012028.	0.3	6
94	Effect of compaction temperature on the performance of dense-graded asphalt mixture. IOP Conference Series: Earth and Environmental Science, 2019, 244, 012012.	0.3	6
95	Microstructure and physical properties of nano charcoal ash as binder. Proceedings of Institution of Civil Engineers: Construction Materials, 2019, 172, 103-115.	1.1	6
96	Evaluation of the sulphate resistance of foamed concrete containing processed spent bleaching earth. European Journal of Environmental and Civil Engineering, 2020, , 1-16.	2.1	6
97	Image Analysis of Surface Porosity Mortar Containing Processed Spent Bleaching Earth. Materials, 2021, 14, 1658.	2.9	6
98	Influences of Crumb Rubber Sizes on Hot Mix Asphalt Mixture. Jurnal Teknologi (Sciences and Engineering), 2016, 58, 10-16.	0.4	5
99	Effect of Rice Husk Ash Fineness on the Properties of Concrete. Applied Mechanics and Materials, 2014, 554, 203-207.	0.2	5
100	PRODUCTION OF BIODIESEL FROM PALM OIL USING EGG SHELL WASTE AS HETEROGENEOUS CATALYST. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	5
101	Effect of Antioxidant Characteristic from Waste Cooking Oil in Modified Asphalt Binder. Key Engineering Materials, 0, 700, 197-206.	0.4	5
102	Effect of Nano Silica on the Physical Property of Porous Concrete Pavement. IOP Conference Series: Materials Science and Engineering, 2017, 226, 012043.	0.6	5
103	Performance of Coir Fiber Addition for Clay as a Sub-Grade for Pavement Design. IOP Conference Series: Materials Science and Engineering, 2020, 712, 012009.	0.6	5
104	The Usage of Treated Plastic as Additive to Improve the Asphalt Mixture's Performance by Using Dry Mix Method. Key Engineering Materials, 0, 879, 126-135.	0.4	5
105	Behaviour of Hot Mix Asphalt Incorporating Untreated and Treated Waste Cooking Oil. International Journal of Pavement Research and Technology, 2022, 15, 577-588.	2.6	5
106	Influence of coal ash on the concrete properties and its performance under sulphate and chloride conditions. Environmental Science and Pollution Research, 2021, 28, 60787-60797.	5.3	5
107	Stabilizing Asphalt Concrete Using Kenaf Fibers. Advanced Science Letters, 2018, 24, 3963-3967.	0.2	5
108	Relationship Between Rheological Properties of Nano Polymer Modified Asphalt Binder and Permanent Deformation of Asphalt Mixture. International Journal of Integrated Engineering, 2019, 11, .	0.4	5

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109	The Influence of Nano Titanium as Bitumen Modifier in Stone Mastic Asphalt. <i>Advances in Materials Science and Engineering</i> , 2022, 2022, 1-19.	1.8	5
110	Strength of Concrete Containing Rice Husk Ash Subjected to Sodium Sulfate Solution via Wetting and Drying Cyclic. <i>Applied Mechanics and Materials</i> , 0, 534, 3-8.	0.2	4
111	An Overall Review: Modified Asphalt Binder Containing Sasobit in Warm-Mix Asphalt Technology. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 73, .	0.4	4
112	Evaluation of bond strength between fire-damaged normal concrete substance and ultra-high-performance fiber-reinforced concrete as a repair material. <i>World Journal of Engineering</i> , 2016, 13, 461-466.	1.6	4
113	Chloride penetration of RHA concrete under marine environment. <i>Proceedings of the Institution of Civil Engineers: Maritime Engineering</i> , 2016, 169, 76-85.	0.2	4
114	A Review: The Effect of Grinded Coal Bottom Ash on Concrete. <i>MATEC Web of Conferences</i> , 2017, 103, 01007.	0.2	4
115	Effect of different sizes of palm oil fuel ash (POFA) towards physical properties of modified bitumen. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 140, 012108.	0.3	4
116	Coal bottom ash as a sustainable supplementary cementitious material for the concrete exposed to seawater. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	4
117	MECHANICAL PERFORMANCE OF ASPHALT MIXTURE CONTAINING CLIP LUMP RUBBER. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2019, 81, .	0.4	4
118	The Influence of Steel Slag as Alternative Aggregate in Permeable Concrete Pavement. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 712, 012011.	0.6	4
119	Nanoparticle in Asphalt Binder: A State-of-The-Art Review. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 712, 012023.	0.6	4
120	Stability and Resilient Modulus of Porous Asphalt Incorporating Steel Fiber. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 712, 012027.	0.6	4
121	Properties of Concrete with Eggshell Powder and Tyre Rubber Crumb. <i>Key Engineering Materials</i> , 0, 879, 34-48.	0.4	4
122	Aggregate Degradation Characteristics of Stone Mastic Asphalt Mixtures. <i>Jurnal Teknologi (Sciences)</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.4	4
123	Assessing the Bond Strength of Hot Mix Asphalt Pavement for Wearing and Binder Courses. <i>International Journal of Technology</i> , 2018, 9, 925.	0.8	4
124	Performance of High Strength Concrete Containing Palm Oil Fuel Ash and Metakaolin as Cement Replacement Material. <i>Advances in Civil Engineering</i> , 2022, 2022, 1-11.	0.7	4
125	Prediction Model of the Coring Asphalt Pavement Performance through Response Surface Methodology. <i>Advances in Materials Science and Engineering</i> , 2022, 2022, 1-17.	1.8	4
126	Performance of Steel Slag in Highway Surface Course. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 71, .	0.4	3



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127	Performance of RHA Blended Cement Concrete under Sodium Chloride via Wetting and Drying. Applied Mechanics and Materials, 2014, 554, 106-110.	0.2	3
128	Aggregate Angularity Effect on Porous Asphalt Engineering Properties and Performance. Jurnal Teknologi (Sciences and Engineering), 2015, 73, .	0.4	3
129	The Performance of Styrene Butadiene Rubber on the Engineering Properties of Asphaltic Concrete AC14. Key Engineering Materials, 0, 700, 238-246.	0.4	3
130	Voids characteristics of asphaltic concrete containing coconut shell. IOP Conference Series: Materials Science and Engineering, 2017, 222, 012001.	0.6	3
131	Prediction of Sound Absorption Coefficient for Double Layer Rubberised Concrete Blocks. International Journal of Engineering and Technology(UAE), 2018, 7, 704.	0.3	3
132	Noncompliance of the occupational safety and health legislation in the Malaysian construction industry. IOP Conference Series: Earth and Environmental Science, 0, 220, 012043.	0.3	3
133	Voids Characteristic of Hot Mix Asphalt Containing Waste Cooking Oil. IOP Conference Series: Earth and Environmental Science, 0, 244, 012049.	0.3	3
134	Permeability coefficient of porous asphalt mixture containing coconut shells and fibres. IOP Conference Series: Earth and Environmental Science, 2019, 244, 012037.	0.3	3
135	Influence of pavement condition towards accident number on Malaysian highway. IOP Conference Series: Earth and Environmental Science, 2019, 220, 012008.	0.3	3
136	Selection of Contractor by Using Analytical Hierarchy Process (AHP). IOP Conference Series: Materials Science and Engineering, 2020, 712, 012014.	0.6	3
137	Experimental Study on Flexural Behaviour of Reinforced Foamed Concrete Square Hollow Beam. IOP Conference Series: Materials Science and Engineering, 2020, 712, 012046.	0.6	3
138	Short Term Aging Effect of Asphaltic Concrete Incorporating Charcoal Ash from Coconut Shell. IOP Conference Series: Materials Science and Engineering, 2020, 712, 012036.	0.6	3
139	Performance of Porous Asphalt Mixture Containing Seashell as Aggregate Replacement. Rivista Di Filologia Classica, 2021, 1, 18-28.	0.4	3
140	Strength and Microstructure Properties of Double Layered Concrete Paving Blocks Containing Waste Tyre Rubber Granules. Jurnal Teknologi (Sciences and Engineering), 2015, 73, .	0.4	3
141	The Influence of Coal Bottom Ash as Filler in Asphalt Mixture. Key Engineering Materials, 0, 912, 185-198.	0.4	3
142	A Review of Asphaltic Crack Healing Approaches and Its Mechanism. Advances in Materials Science and Engineering, 2021, 2021, 1-15.	1.8	3
143	Performance of Palm Oil Clinker Lightweight Aggregate Concrete Comprising Spent Garnet as Fine Aggregate Replacement. Advances in Civil Engineering, 2022, 2022, 1-13.	0.7	3
144	Performance of asphaltic concrete incorporating styrene butadiene rubber subjected to varying aging condition. AIP Conference Proceedings, 2017, , .	0.4	2

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145	Performance of Waste Cooking Oil on Aged Asphalt Mixture. E3S Web of Conferences, 2018, 65, 02002.	0.5	2
146	Effect of grinding period on physical properties of modified bitumen using palm oil fuel ash (POFA). Journal of Physics: Conference Series, 2018, 1049, 012004.	0.4	2
147	Stability properties of asphalt mixture incorporating coconut shell. Journal of Fundamental and Applied Sciences, 2018, 9, 16.	0.2	2
148	Flexural strength properties of porous concrete pavement incorporating nano black rice husk ash. IOP Conference Series: Materials Science and Engineering, 2019, 527, 012044.	0.6	2
149	Effects of Nano-kaolin clay on the rutting resistance of asphalt binder. AIP Conference Proceedings, 2019, , .	0.4	2
150	Performance of Nano kaolin clay as modified binder in porous asphalt mixture. IOP Conference Series: Earth and Environmental Science, 2019, 244, 012036.	0.3	2
151	Ambient noise analysis for characterizing sub-surface dynamic parameters. IOP Conference Series: Materials Science and Engineering, 2020, 712, 012012.	0.6	2
152	Effect of temperatures and loading rates on direct shear strength of asphaltic concrete using layer-parallel direct shear test. IOP Conference Series: Materials Science and Engineering, 2020, 712, 012047.	0.6	2
153	Liquefaction Potential Analysis of Reusep Prestress Bridge in Pidie Jaya due to 6.4 Mw Earthquake. IOP Conference Series: Materials Science and Engineering, 2020, 712, 012010.	0.6	2
154	Selection of Method in Construction Industry by using Analytical Hierarchy Process (AHP). IOP Conference Series: Materials Science and Engineering, 2020, 712, 012015.	0.6	2
155	Effect of Using Waste Tyre Rubber on the Properties of Double Layer Rubberized Concrete Paving Blocks. Jurnal Teknologi (Sciences and Engineering), 2014, 71, .	0.4	2
156	Nano kaolin clay as bitumen modifier for sustainable development. , 2022, , 461-475.		2
157	Performance Characterization of Stone Mastic Asphalt using Steel Fiber. Journal of Advanced Industrial Technology and Application, 2021, 02, .	0.1	2
158	Evaluation of Binder Absorption in Asphalt Mixture with Various Aging Conditions Using Rice Method. Jurnal Teknologi (Sciences and Engineering), 2014, 71, .	0.4	1
159	APPLICATION OF NANOTECHNOLOGY IN ASPHALT BINDER: A CONSPECTUS AND OVERVIEW. Jurnal Teknologi (Sciences and Engineering), 2015, 76, .	0.4	1
160	Performance of Straight Steel Fibres Reinforced Alkali Activated Concrete. IOP Conference Series: Materials Science and Engineering, 2016, 133, 012045.	0.6	1
161	Creep stiffness and voids characteristic of asphalt mixture with waste cooking oil after aging. AIP Conference Proceedings, 2018, , .	0.4	1
162	Correlation between functional and structural properties of flexible pavement. IOP Conference Series: Earth and Environmental Science, 2019, 220, 012007.	0.3	1

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163	Performance of asphalt mixture incorporating kaolin clay at different aging. IOP Conference Series: Earth and Environmental Science, 2019, 220, 012004.	0.3	1
164	Porosity and permeability properties of Nano black rice hush ash in porous concrete pavement. IOP Conference Series: Earth and Environmental Science, 2019, 244, 012039.	0.3	1
165	Marshall stability properties of asphaltic concrete with kaolin clay under aging. IOP Conference Series: Earth and Environmental Science, 2019, 220, 012040.	0.3	1
166	Stability and voids properties of hot mix asphalt containing black rice husk ash. IOP Conference Series: Earth and Environmental Science, 2019, 244, 012044.	0.3	1
167	A comparative study of Kuantan bauxite mineralogy as potential material in civil engineering. IOP Conference Series: Earth and Environmental Science, 0, 244, 012002.	0.3	1
168	Effect of compaction temperature on porous asphalt performance. IOP Conference Series: Earth and Environmental Science, 2019, 244, 012011.	0.3	1
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