

# Mohd Haziman Wan Ibrahim

## List of Publications by Year in Descending Order

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

96  
papers

553  
citations

12  
h-index

19  
g-index

107  
ext. papers

710  
ext. citations

1.1  
avg, IF

4.16  
L-index

#	Paper	IF	Citations
96	The effect of nanosilica incorporation on the mechanical properties of concrete exposed to elevated temperature: a review.. <i>Environmental Science and Pollution Research</i> , <b>2022</b> , 29, 15318	5.1	1
95	POTENTIAL VOLUMIZING EFFECT OF THE POST-MORPH LIME FILLER IN ATTENUATING CONCRETE CARBONATION. <i>IJUM Engineering Journal</i> , <b>2022</b> , 23, 13-33	1.2	
94	Performance of High Strength Concrete Containing Palm Oil Fuel Ash and Metakaolin as Cement Replacement Material. <i>Advances in Civil Engineering</i> , <b>2022</b> , 2022, 1-11	1.3	0
93	Mechanical properties of coconut shell-based concrete: experimental and optimisation modelling. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 1	5.1	0
92	Assessing the life cycle study of alternative earth-retaining walls from an environmental and economic viewpoint. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 37387-37399	5.1	1
91	Image Analysis of Surface Porosity Mortar Containing Processed Spent Bleaching Earth. <i>Materials</i> , <b>2021</b> , 14,	3.5	1
90	Effect of sugar on Compressive Strength, Drying Shrinkage and Carbonation of Mortar. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2021</b> , 1144, 012002	0.4	0
89	Influence of coal ash on the concrete properties and its performance under sulphate and chloride conditions. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 60787-60797	5.1	2
88	Mechanical performance of concrete incorporating wheat straw ash as partial replacement of cement. <i>Journal of Building Pathology and Rehabilitation</i> , <b>2021</b> , 6, 1	1.8	7
87	Evaluation on the rheological and mechanical properties of concrete incorporating eggshell with tire powder. <i>Journal of Materials Research and Technology</i> , <b>2021</b> , 14, 439-451	5.5	3
86	Compressive Strength of Concrete Containing Plastic Waste as Fine Aggregate. <i>Lecture Notes in Civil Engineering</i> , <b>2021</b> , 205-214	0.3	
85	Carbonation and strength of self-compacting concrete with coal bottom ash exposed to seawater by wetting-drying cycle. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2020</b> , 476, 012032	0.3	
84	The Utilization of Bamboo Innovation as Aggregate Substitute for Paving Block. <i>Journal of Physics: Conference Series</i> , <b>2020</b> , 1573, 012014	0.3	
83	Tourism, Accommodations, Food Services, and Regional GDP. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2020</b> , 498, 012110	0.3	
82	Acoustic and non-acoustic performance of coal bottom ash concrete as sound absorber for wall concrete. <i>Case Studies in Construction Materials</i> , <b>2020</b> , 13, e00399	2.7	5
81	Strength and Porosity of Porous Concrete Pavement Containing Nano Black Rice Husk Ash. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 712, 012037	0.4	6
80	Failure behavior of sandwich honeycomb composite beam containing crack at the skin. <i>PLoS ONE</i> , <b>2020</b> , 15, e0227895	3.7	4

79	Identifying the Crack Nature Using b-Value Acoustic Emission Signal Analysis. <i>Lecture Notes in Civil Engineering</i> , <b>2020</b> , 1065-1076	0.3	1
78	Material Characterization and Optimum Usage of Coal Bottom Ash (CBA) as Sand Replacement in Concrete. <i>International Journal of Integrated Engineering</i> , <b>2020</b> , 12,	1.5	3
77	Strength and Quality Assessment of Recycled Aggregate and Crumb Rubber Concrete Using the Ultra Pulse Velocity Method. <i>Lecture Notes in Civil Engineering</i> , <b>2020</b> , 799-806	0.3	1
76	Production of eco-friendly hybrid blocks. <i>Construction and Building Materials</i> , <b>2020</b> , 257, 119536	6.7	7
75	Corrosion study of pipeline material for seabed sediment in tropical climate. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 849, 012023	0.4	
74	Effect of Dried Sewage Sludge on Compressive Strength of Concrete. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 712, 012042	0.4	4
73	Strength Properties of Porous Concrete Pavement Blended with Nano Black Rice Husk Ash. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 712, 012038	0.4	
72	Establishment of Strength Prediction Equation for Concrete Containing Coal Bottom Ash Exposed to Aggressive Environment. <i>Silicon</i> , <b>2020</b> , 1	2.4	1
71	Physical and chemical properties of cement with nano black rice husk ash <b>2019</b> ,		1
70	Recycling of Coal Ash in Concrete as a Partial Cementitious Resource. <i>Resources</i> , <b>2019</b> , 8, 99	3.7	23
69	Porosity and permeability properties of Nano black rice hush ash in porous concrete pavement. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2019</b> , 244, 012039	0.3	
68	Performances of concrete containing coal bottom ash with different fineness as a supplementary cementitious material exposed to seawater <b>2019</b> , 22, 929-938		13
67	Vibration criteria analysis on floor at laboratory room. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2019</b> , 220, 012021	0.3	
66	Carbonation of concrete containing mussel ( <i>Perna viridis</i> ) shell ash. <i>Journal of Engineering, Design and Technology</i> , <b>2019</b> , 17, 904-928	1.5	1
65	Flexural strength properties of porous concrete pavement incorporating nano black rice husk ash. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 527, 012044	0.4	2
64	Coal bottom ash as a sustainable supplementary cementitious material for the concrete exposed to seawater <b>2019</b> ,		2
63	Characterization of Palm Oil Fuel Ash as Cementitious Supplement: A Review. <i>ACI Materials Journal</i> , <b>2019</b> , 116,	0.9	1
62	Utilization of Sawdust in Concrete Masonry Blocks: A Review. <i>Mehran University Research Journal of Engineering and Technology</i> , <b>2019</b> , 38, 487-494	0.6	7

61	Effects of Grinding Process on the Properties of the Coal Bottom Ash and Cement Paste. <i>Journal of Engineering and Technological Sciences</i> , <b>2019</b> , 51, 1	2.3	18
60	Short-term effects of sulphate and chloride on the concrete containing coal bottom ash as supplementary cementitious material <b>2019</b> , 22, 515-522		20
59	The Effect of Palm Oil Clinker and Oil Palm Shell on the Compressive Strength of Concrete. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , <b>2019</b> , 43, 1-14	1.1	2
58	Fundamental and assessment of concrete structure monitoring by using acoustic emission technique testing: A review. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2018</b> , 140, 012142	0.3	3
57	Splitting tensile and pullout behavior of synthetic wastes as fiber-reinforced concrete. <i>Construction and Building Materials</i> , <b>2018</b> , 171, 54-64	6.7	18
56	Review on factors influencing thermal conductivity of concrete incorporating various type of waste materials. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2018</b> , 140, 012141	0.3	4
55	Performance of plastic wastes in fiber-reinforced concrete beams. <i>Construction and Building Materials</i> , <b>2018</b> , 183, 451-464	6.7	40
54	Properties of concrete containing different type of waste materials as aggregate replacement exposed to elevated temperature A review. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2018</b> , 140, 012139	0.3	2
53	Permeability and Strength of Porous Concrete Paving Blocks at Different Sizes Coarse Aggregate. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1049, 012028	0.3	4
52	A Study of Potential Retrofitting Existing Sultan Ibrahim Heritage Building to Green Building. <i>Advanced Science Letters</i> , <b>2018</b> , 24, 3213-3216	0.1	2
51	Potential of Bottom Ash as Sand Replacement Material to Produce Sand Cement Brick. <i>International Journal of Integrated Engineering</i> , <b>2018</b> , 10,	1.5	3
50	Evaluate the Expressions of Compression Strength and UPV Relationship. <i>International Journal of Integrated Engineering</i> , <b>2018</b> , 10,	1.5	2
49	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> , <b>2018</b> , 10,	1.5	11
48	Influence of Ground Coal Bottom Ash on the Properties of Concrete <b>2018</b> , 9,		4
47	Form-Finding Using Nonlinear Analysis Method in Tensioned Fabric Structure in The Form of Handkerchief Surface. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 995, 012014	0.3	2
46	Mechanical performance of porous concrete pavement containing nano black rice husk ash. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 290, 012050	0.4	5
45	Form-Finding Of Thomsen Surface Using Nonlinear Analysis Method. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 995, 012017	0.3	2
44	Dynamic Analysis of an Office Building due to Vibration from Road Construction Activities. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 995, 012112	0.3	

43	Performance of Kaolin Clay on the Concrete Pavement. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 358, 012049	0.4	3
42	An Utilization of Palm Fuel Ash (POFA) and Ceramic Waste as Cement Materials Replacement in Concrete Production. <i>International Journal of Engineering and Technology(UAE)</i> , <b>2018</b> , 7, 89	0.8	2
41	Effect of Treated Coconut Shell and Fiber on the Resilient Modulus of Double-layer Porous Asphalt at Different Aging. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2018</b> , 140, 012065	0.3	4
40	Experimental Investigation of Concrete Filled PVC Tube Columns Confined By Plain PVC Socket. <i>MATEC Web of Conferences</i> , <b>2017</b> , 103, 02006	0.3	6
39	A Review: The Effect of Grinded Coal Bottom Ash on Concrete. <i>MATEC Web of Conferences</i> , <b>2017</b> , 103, 01007	0.3	4
38	Oil and grease (O&G) removal from commercial kitchen waste water using carbonised grass as a key media. <i>MATEC Web of Conferences</i> , <b>2017</b> , 87, 01010	0.3	4
37	Effect of Nano Silica on the Physical Property of Porous Concrete Pavement. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 226, 012043	0.4	2
36	Stability and Volumetric Properties of Asphalt Mixture Containing Waste Plastic. <i>MATEC Web of Conferences</i> , <b>2017</b> , 103, 09002	0.3	5
35	Performance of nanoceramic powder on the chemical and physical properties of bitumen. <i>Construction and Building Materials</i> , <b>2017</b> , 156, 496-505	6.7	50
34	Properties of concrete containing coconut shell powder (CSP) as a filler. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 271, 012006	0.4	5
33	The durability of concrete containing recycled tyres as a partial replacement of fine aggregate. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 271, 012075	0.4	6
32	Compressive Strength of Construction Materials Containing Agricultural Crop Wastes: A Review. <i>MATEC Web of Conferences</i> , <b>2017</b> , 103, 01018	0.3	2
31	Forensic Building: Deterioration and Defect in Concrete Structures. <i>MATEC Web of Conferences</i> , <b>2017</b> , 103, 02016	0.3	0
30	Compressive and flexural strength of concrete containing palm oil biomass clinker and polypropylene fibres. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 271, 012011	0.4	3
29	Sound absorption coefficient of coal bottom ash concrete for railway application. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 271, 012077	0.4	0
28	Compressive and tensile strength for concrete containing coal bottom ash. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 271, 012055	0.4	6
27	A review on seashells ash as partial cement replacement. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 271, 012059	0.4	9
26	Study on effects of different patterns and cracking for wastes FRP (used banner) wrapping on compressive strength of confined concrete. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 271, 012016	0.4	

25	Energy Consumption of Insulated Material Using Thermal Effect Analysis. <i>MATEC Web of Conferences</i> , <b>2017</b> , 103, 08017	0.3	1
24	Utilization of sugarcane bagasse ash in concrete as partial replacement of cement. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 271, 012001	0.4	30
23	Crack classification in concrete beams using AE parameters. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 271, 012090	0.4	4
22	Sound absorption and morphology characteristic of porous concrete paving blocks. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 271, 012015	0.4	2
21	Performance of macro clay on the porous asphalt mixture properties. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 271, 012050	0.4	3
20	Characterization of Kaolin as Nano Material for High Quality Construction. <i>MATEC Web of Conferences</i> , <b>2017</b> , 103, 09019	0.3	3
19	Fresh Properties and Flexural Strength of Self-Compacting Concrete Integrating Coal Bottom Ash. <i>MATEC Web of Conferences</i> , <b>2016</b> , 47, 01010	0.3	12
18	Flexural Toughness of Ring-Shaped Waste Bottle Fiber Concrete. <i>MATEC Web of Conferences</i> , <b>2016</b> , 47, 01002	0.3	7
17	Utilization of Nano Silica as Cement Paste in Mortar and Porous Concrete Pavement. <i>Advanced Materials Research</i> , <b>2015</b> , 1113, 135-139	0.5	5
16	Influence of People Walking on Floor Performance due to Low Level Vibration. <i>Applied Mechanics and Materials</i> , <b>2015</b> , 802, 208-213	0.3	
15	Fresh Properties of Self-Compacting Concrete Integrating Coal Bottom Ash as a Replacement of Fine Aggregates. <i>Advanced Materials Research</i> , <b>2015</b> , 1125, 370-376	0.5	1
14	The Strength Behavior of Self-Compacting Concrete Incorporating Bottom Ash as Partial Replacement to Fine Aggregate. <i>Applied Mechanics and Materials</i> , <b>2015</b> , 773-774, 916-922	0.3	5
13	Floor Dynamic Assessment on Laboratory due to Ground Borne Vibrations Using ModalV Analysis from Passing Vehicles. <i>Applied Mechanics and Materials</i> , <b>2015</b> , 773-774, 974-978	0.3	2
12	Cementitious Materials Usage in Self-Compacting Concrete: A Review. <i>Advanced Materials Research</i> , <b>2015</b> , 1113, 153-160	0.5	4
11	Strength and microstructure analysis of concrete containing rice husk ash under seawater attack by wetting and drying cycles. <i>Advances in Cement Research</i> , <b>2014</b> , 26, 145-154	1.8	27
10	A Review of Porous Concrete Pavement: Applications and Engineering Properties. <i>Applied Mechanics and Materials</i> , <b>2014</b> , 554, 37-41	0.3	10
9	Effect of Rice Husk Ash Fineness on the Properties of Concrete. <i>Applied Mechanics and Materials</i> , <b>2014</b> , 554, 203-207	0.3	4
8	Porous Concrete Pavement Containing Nano-Silica: Pre-Review. <i>Advanced Materials Research</i> , <b>2014</b> , 911, 454-458	0.5	9

7	The Effect of Bottom Ash on Fresh Characteristic, Compressive Strength and Water Absorption of Self-Compacting Concrete. <i>Applied Mechanics and Materials</i> , <b>2014</b> , 660, 145-151	0.3	23
6	Compressive and Flexural Strength of Foamed Concrete Containing Polyolefin Fibers. <i>Advanced Materials Research</i> , <b>2014</b> , 911, 489-493	0.5	19
5	Vibration Response on MiNT-SRC Building due to Ground Borne Vibrations from Humans Using Finite Element Modeling. <i>Applied Mechanics and Materials</i> , <b>2014</b> , 660, 536-540	0.3	1
4	Performance of Concrete Using Light Waste PET Fibre. <i>Advanced Materials Research</i> , <b>2013</b> , 795, 352-355	0.5	16
3	Strength and permeability properties of concrete containing rice husk ash with different grinding time. <i>Open Engineering</i> , <b>2011</b> , 1,	1.7	9
2	Influence of Sulphate on the Moisture Movement of Calcium Silicate Brick Masonry Wall. <i>Advanced Materials Research</i> , <b>2010</b> , 133-134, 201-204	0.5	
1	Elasticity of Calcium Silicate Brick Masonry Wall Due to Sulphate Attack. <i>Advanced Materials Research</i> , <b>2010</b> , 133-134, 195-200	0.5	