

# Mohd Zamin Jumaat

## 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.

211  
papers

7,537  
citations

51  
h-index

77  
g-index

221  
ext. papers

8,999  
ext. citations

4.8  
avg. IF

6.52  
L-index

#	Paper	IF	Citations
211	Enunciation of embryonic palm oil clinker based geopolymer concrete and its engineering properties. <i>Construction and Building Materials</i> , <b>2022</b> , 318, 125975	6.7	1
210	COMBINING EBR CFRP SHEET WITH PRESTRESSED NSM STEEL STRANDS TO ENHANCE THE STRUCTURAL BEHAVIOR OF PRESTRESSED CONCRETE BEAMS. <i>Journal of Civil Engineering and Management</i> , <b>2021</b> , 27, 637-650	3	
209	Investigation of Structural Characteristics of Palm Oil Clinker Based High-Strength Lightweight Concrete Comprising Steel Fibers. <i>Journal of Materials Research and Technology</i> , <b>2021</b> , 15, 6736-6736	5.5	1
208	Eco-Friendly Masonry Products for Affordable Housing Perspective of Positive Social Impact <b>2021</b> , 1-11		
207	Performance Evaluation of Engineering Properties, Radiation Shielding, and Sustainability of Hollow Masonry Blocks Produced Using a High Volume of Industrial By-Products. <i>Journal of Materials in Civil Engineering</i> , <b>2021</b> , 33, 04021003	3	2
206	Flexural Performance of RC Beams Strengthened with Externally-Side Bonded Reinforcement (E-SBR) Technique Using CFRP Composites. <i>Materials</i> , <b>2021</b> , 14,	3.5	2
205	Chemo-physico-mechanical characteristics of high-strength alkali-activated mortar containing non-traditional supplementary cementitious materials. <i>Journal of Building Engineering</i> , <b>2021</b> , 103368	5.2	1
204	Structural performance of lightweight concrete beams strengthened with side-externally bonded reinforcement (S-EBR) technique using CFRP fabrics. <i>Composites Part B: Engineering</i> , <b>2019</b> , 176, 107323	10	8
203	Microstructural and Strength Characteristics of High-Strength Mortar Using Nontraditional Supplementary Cementitious Materials. <i>Journal of Materials in Civil Engineering</i> , <b>2019</b> , 31, 04019017	3	16
202	Performance evaluation of masonry grout containing high volume of palm oil industry by-products. <i>Journal of Cleaner Production</i> , <b>2019</b> , 220, 1202-1214	10.3	14
201	Sustainable palm oil fuel ash mortar used as partial adhesive replacement in flexurally strengthened RC beams. <i>Construction and Building Materials</i> , <b>2019</b> , 226, 507-523	6.7	6
200	Experimental Investigation on Fatigue Behavior of Wide-Flange Steel I-Beams Strengthened Using Different CFRP End Cutting Shapes. <i>International Journal of Steel Structures</i> , <b>2019</b> , 19, 760-768	1.3	1
199	Effect of High-cyclic Loads on Dynamic Response of Reinforced Concrete Slabs. <i>KSCE Journal of Civil Engineering</i> , <b>2019</b> , 23, 1293-1301	1.9	6
198	Ductility behaviours of oil palm shell steel fibre-reinforced concrete beams under flexural loading. <i>European Journal of Environmental and Civil Engineering</i> , <b>2019</b> , 23, 866-878	1.5	8
197	Heat-treated palm oil fuel ash as an effective supplementary cementitious material originating from agriculture waste. <i>Construction and Building Materials</i> , <b>2018</b> , 167, 44-54	6.7	19
196	CFRP strips for enhancing flexural performance of RC beams by SNSM strengthening technique. <i>Construction and Building Materials</i> , <b>2018</b> , 165, 28-44	6.7	21
195	Effect of aggressive chemicals on durability and microstructure properties of concrete containing crushed new concrete aggregate and non-traditional supplementary cementitious materials. <i>Construction and Building Materials</i> , <b>2018</b> , 163, 482-495	6.7	41

194	High volume cement replacement by environmental friendly industrial by-product palm oil clinker powder in cement lime masonry mortar. <i>Journal of Cleaner Production</i> , <b>2018</b> , 190, 272-284	10.3	41
193	Properties of metakaolin-blended oil palm shell lightweight concrete. <i>European Journal of Environmental and Civil Engineering</i> , <b>2018</b> , 22, 852-868	1.5	14
192	Valorization of Wastes from Power Plant, Steel-Making and Palm Oil Industries as Partial Sand Substitute in Concrete. <i>Waste and Biomass Valorization</i> , <b>2018</b> , 9, 1645-1654	3.2	9
191	Bond strength evaluation of palm oil fuel ash-based geopolymer normal weight and lightweight concretes with steel reinforcement. <i>Journal of Adhesion Science and Technology</i> , <b>2018</b> , 32, 19-35	2	10
190	Properties of eco-friendly self-compacting concrete containing modified treated palm oil fuel ash. <i>Construction and Building Materials</i> , <b>2018</b> , 158, 742-754	6.7	45
189	A review on microstructural study and compressive strength of geopolymer mortar, paste and concrete. <i>Construction and Building Materials</i> , <b>2018</b> , 186, 550-576	6.7	104
188	Recycling of seashell waste in concrete: A review. <i>Construction and Building Materials</i> , <b>2018</b> , 162, 751-764	6.7	95
187	Influence of palm oil clinker powder on the fresh and mechanical properties of masonry mortars. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 431, 082002	0.4	4
186	Drying Shrinkage Strain of Palm-oil by-products Lightweight Concrete: A Comparison between Experimental and Prediction Models. <i>KSCE Journal of Civil Engineering</i> , <b>2018</b> , 22, 4997-5008	1.9	2
185	Microstructural investigation and durability performance of high volume industrial by-products-based masonry mortars. <i>Construction and Building Materials</i> , <b>2018</b> , 189, 906-923	6.7	10
184	Durability Indicators for Sustainable Self-Consolidating High-Strength Concrete Incorporating Palm Oil Fuel Ash. <i>Sustainability</i> , <b>2018</b> , 10, 2345	3.6	11
183	Assessment on engineering properties and CO2 emissions of recycled aggregate concrete incorporating waste products as supplements to Portland cement. <i>Journal of Cleaner Production</i> , <b>2018</b> , 203, 822-835	10.3	62
182	Critical curtailment location of EBR FRP bonded RC beams using dimensional analysis and fuzzy logic expert system. <i>Composite Structures</i> , <b>2017</b> , 166, 87-95	5.3	4
181	Feasibility study on the use of high volume palm oil clinker waste in environmental friendly lightweight concrete. <i>Construction and Building Materials</i> , <b>2017</b> , 135, 94-103	6.7	36
180	Effect of moorings drag and inertia on response of spar platform. <i>KSCE Journal of Civil Engineering</i> , <b>2017</b> , 21, 2503-2513	1.9	1
179	Influence of source materials and the role of oxide composition on the performance of ternary blended sustainable geopolymer mortar. <i>Construction and Building Materials</i> , <b>2017</b> , 144, 608-623	6.7	22
178	Incorporation of nano-materials in cement composite and geopolymer based paste and mortar: A review. <i>Construction and Building Materials</i> , <b>2017</b> , 148, 62-84	6.7	135
177	Shear behaviour and mechanical properties of steel fibre-reinforced cement-based and geopolymer oil palm shell lightweight aggregate concrete. <i>Construction and Building Materials</i> , <b>2017</b> , 148, 369-375	6.7	26

176	Performance evaluation and some durability characteristics of environmental friendly palm oil clinker based geopolymers. <i>Journal of Cleaner Production</i> , <b>2017</b> , 161, 477-492	10.3	50
175	Response of nonlinear offshore spar platform under wave and current. <i>Ocean Engineering</i> , <b>2017</b> , 144, 296-304	3.9	6
174	Glass Fiber Reinforced Polymer (GFRP) Bars for Enhancing the Flexural Performance of RC Beams Using Side-NSM Technique. <i>Polymers</i> , <b>2017</b> , 9,	4.5	19
173	Prediction of IC debonding failure of precracked FRP strengthened RC beams using global energy balance. <i>Materials and Structures/Materiaux Et Constructions</i> , <b>2017</b> , 50, 1	3.4	4
172	Influence of steel fibers on the mechanical properties and impact resistance of lightweight geopolymers. <i>Construction and Building Materials</i> , <b>2017</b> , 152, 964-977	6.7	52
171	Hydrodynamic Response of Floating Coupled Spar in Deep Sea. <i>Procedia Engineering</i> , <b>2017</b> , 194, 182-188		
170	Manufacturing of high-strength lightweight aggregate concrete using blended coarse lightweight aggregates. <i>Journal of Building Engineering</i> , <b>2017</b> , 13, 53-62	5.2	46
169	Thermal conductivity, compressive and residual strength evaluation of polymer fibre-reinforced high volume palm oil fuel ash blended mortar. <i>Construction and Building Materials</i> , <b>2017</b> , 130, 113-121	6.7	34
168	Mechanical, toughness, bond and durability-related properties of lightweight concrete reinforced with steel fibres. <i>Materials and Structures/Materiaux Et Constructions</i> , <b>2017</b> , 50, 1	3.4	24
167	Evaluation of Industrial By-Products as Sustainable Pozzolanic Materials in Recycled Aggregate Concrete. <i>Sustainability</i> , <b>2017</b> , 9, 767	3.6	43
166	High Strength Lightweight Aggregate Concrete using Blended Coarse Lightweight Aggregate Origin from Palm Oil Industry <b>2017</b> , 46, 667-675		14
165	High strength oil palm shell concrete beams reinforced with steel fibres. <i>Materiales De Construccion</i> , <b>2017</b> , 67, 142	1.8	6
164	Behavior of Industrial Steel Rack Connections. <i>Mechanical Systems and Signal Processing</i> , <b>2016</b> , 70-71, 725-740	7.8	23
163	Performance evaluation of palm oil clinker as coarse aggregate in high strength lightweight concrete. <i>Journal of Cleaner Production</i> , <b>2016</b> , 112, 566-574	10.3	49
162	Durability and mechanical properties of self-compacting concrete incorporating palm oil fuel ash. <i>Journal of Cleaner Production</i> , <b>2016</b> , 112, 723-730	10.3	115
161	Assessing some durability properties of sustainable lightweight oil palm shell concrete incorporating slag and manufactured sand. <i>Journal of Cleaner Production</i> , <b>2016</b> , 112, 763-770	10.3	48
160	Research progress on the flexural behaviour of externally bonded RC beams. <i>Archives of Civil and Mechanical Engineering</i> , <b>2016</b> , 16, 982-1003	3.4	26
159	Bond stress-slip relationship of oil palm shell lightweight concrete. <i>Engineering Structures</i> , <b>2016</b> , 127, 319-330	4.7	15

158	Behaviour of precracked RC beams strengthened using the side-NSM technique. <i>Construction and Building Materials</i> , <b>2016</b> , 123, 617-626	6.7	24
157	Prestressing of NSM steel strands to enhance the structural performance of prestressed concrete beams. <i>Construction and Building Materials</i> , <b>2016</b> , 129, 289-301	6.7	18
156	Effect of replacement of oil-palm-boiler clinker with oil palm shell on the properties of concrete <b>2016</b> ,		2
155	Simulating concrete cover separation in RC beams strengthened with near-surface mounted reinforcements. <i>Construction and Building Materials</i> , <b>2016</b> , 122, 1-11	6.7	5
154	Engineering properties of lightweight aggregate concrete containing limestone powder and high volume fly ash. <i>Journal of Cleaner Production</i> , <b>2016</b> , 135, 148-157	10.3	71
153	Material and structural properties of waste-oil palm shell concrete incorporating ground granulated blast-furnace slag reinforced with low-volume steel fibres. <i>Journal of Cleaner Production</i> , <b>2016</b> , 133, 414-426	10.3	32
152	Green concrete partially comprised of farming waste residues: a review. <i>Journal of Cleaner Production</i> , <b>2016</b> , 117, 122-138	10.3	119
151	Torsional and cracking characteristics of steel fiber-reinforced oil palm shell lightweight concrete. <i>Journal of Composite Materials</i> , <b>2016</b> , 50, 115-128	2.7	14
150	Mechanisms of interfacial bond in steel and polypropylene fiber reinforced geopolymer composites. <i>Composites Science and Technology</i> , <b>2016</b> , 122, 73-81	8.6	163
149	Prediction of the structural behaviour of oil palm shell lightweight concrete beams. <i>Construction and Building Materials</i> , <b>2016</b> , 102, 722-732	6.7	18
148	Development of Sustainable Geopolymer Mortar using Industrial Waste Materials. <i>Materials Today: Proceedings</i> , <b>2016</b> , 3, 125-129	1.4	15
147	Benefits of using blended waste coarse lightweight aggregates in structural lightweight aggregate concrete. <i>Journal of Cleaner Production</i> , <b>2016</b> , 119, 108-117	10.3	58
146	Pitch spacing effect on the axial compressive behaviour of spirally reinforced concrete-filled steel tube (SRCFT). <i>Thin-Walled Structures</i> , <b>2016</b> , 100, 213-223	4.7	18
145	Estimating building energy consumption using extreme learning machine method. <i>Energy</i> , <b>2016</b> , 97, 506-516	10.3	111
144	Engineering properties and fracture behaviour of high volume palm oil fuel ash based fibre reinforced geopolymer concrete. <i>Construction and Building Materials</i> , <b>2016</b> , 111, 286-297	6.7	71
143	Bond properties of lightweight concrete [A review]. <i>Construction and Building Materials</i> , <b>2016</b> , 112, 478-486	6.7	44
142	High tensile strength fly ash based geopolymer composite using copper coated micro steel fiber. <i>Construction and Building Materials</i> , <b>2016</b> , 112, 629-638	6.7	75
141	Mechanical and fresh properties of sustainable oil palm shell lightweight concrete incorporating palm oil fuel ash. <i>Journal of Cleaner Production</i> , <b>2016</b> , 115, 307-314	10.3	88

140	Application of adaptive neuro-fuzzy methodology for estimating building energy consumption. <i>Renewable and Sustainable Energy Reviews</i> , <b>2016</b> , 53, 1520-1528	16.2	41
139	Flexural Performance of Reinforced Concrete Beams Strengthened by a New Side Near-Surface Mounted Technique Using Carbon Fibre-Reinforced Polymer Bars: Experimental and Analytical Investigation. <i>Science of Advanced Materials</i> , <b>2016</b> , 8, 726-740	2.3	2
138	Investigation on Energy Absorption Capacity of Reinforced Concrete Beams by the Near-Surface Mounted Technique Using Ductile Materials. <i>Science of Advanced Materials</i> , <b>2016</b> , 8, 1536-1546	2.3	6
137	Strengthening of RC Beams Using Externally Bonded Reinforcement Combined with Near-Surface Mounted Technique. <i>Polymers</i> , <b>2016</b> , 8,	4.5	23
136	Mechanics Model for Simulating RC Hinges under Reversed Cyclic Loading. <i>Materials</i> , <b>2016</b> , 9,	3.5	4
135	Modeling of Compressive Strength for Self-Consolidating High-Strength Concrete Incorporating Palm Oil Fuel Ash. <i>Materials</i> , <b>2016</b> , 9,	3.5	31
134	Near Surface Mounted Composites for Flexural Strengthening of Reinforced Concrete Beams. <i>Polymers</i> , <b>2016</b> , 8,	4.5	18
133	A Comprehensive Study of the Polypropylene Fiber Reinforced Fly Ash Based Geopolymer. <i>PLoS ONE</i> , <b>2016</b> , 11, e0147546	3.7	69
132	Influences of the volume fraction and shape of steel fibers on fiber-reinforced concrete subjected to dynamic loading [A review]. <i>Engineering Structures</i> , <b>2016</b> , 124, 405-417	4.7	76
131	Microstructural investigations of palm oil fuel ash and fly ash based binders in lightweight aggregate foamed geopolymer concrete. <i>Construction and Building Materials</i> , <b>2016</b> , 120, 112-122	6.7	66
130	Structural performance of reinforced geopolymer concrete members: A review. <i>Construction and Building Materials</i> , <b>2016</b> , 120, 251-264	6.7	66
129	Oil-palm by-products as lightweight aggregate in concrete mixture: a review. <i>Journal of Cleaner Production</i> , <b>2016</b> , 126, 56-73	10.3	71
128	A new sustainable composite column using an agricultural solid waste as aggregate. <i>Journal of Cleaner Production</i> , <b>2016</b> , 129, 282-291	10.3	15
127	Response of oil palm shell concrete slabs subjected to quasi-static and blast loads. <i>Construction and Building Materials</i> , <b>2016</b> , 116, 391-402	6.7	35
126	Drying shrinkage behaviour of structural lightweight aggregate concrete containing blended oil palm bio-products. <i>Journal of Cleaner Production</i> , <b>2016</b> , 127, 183-194	10.3	34
125	Fracture evaluation of multi-layered precast reinforced geopolymer-concrete composite beams by incorporating acoustic emission into mechanical analysis. <i>Construction and Building Materials</i> , <b>2016</b> , 127, 274-283	6.7	24
124	Damage detection of SFRC concrete beams subjected to pure torsion by integrating acoustic emission and Weibull damage function. <i>Structural Control and Health Monitoring</i> , <b>2016</b> , 23, 51-68	4.5	30
123	Durability properties of sustainable concrete containing high volume palm oil waste materials. <i>Journal of Cleaner Production</i> , <b>2016</b> , 137, 167-177	10.3	60

122	Utilization of high-volume treated palm oil fuel ash to produce sustainable self-compacting concrete. <i>Journal of Cleaner Production</i> , <b>2016</b> , 137, 982-996	10.3	72
121	Enhancement of the mechanical properties of lightweight oil palm shell concrete using rice husk ash and manufactured sand. <i>Journal of Zhejiang University: Science A</i> , <b>2015</b> , 16, 59-69	2.1	44
120	Development of Self-Consolidating High Strength Concrete Incorporating Treated Palm Oil Fuel Ash. <i>Materials</i> , <b>2015</b> , 8, 2154-2173	3.5	32
119	Contribution of acrylic fibre addition and ground granulated blast furnace slag on the properties of lightweight concrete. <i>Construction and Building Materials</i> , <b>2015</b> , 95, 686-695	6.7	25
118	Compressive Behaviour of Polyacrylonitrile Fibre Reinforced Lightweight Aggregate Concrete Composite. <i>Advanced Materials Research</i> , <b>2015</b> , 1115, 188-191	0.5	
117	Compressive behaviour of lightweight oil palm shell concrete incorporating slag. <i>Construction and Building Materials</i> , <b>2015</b> , 94, 263-269	6.7	21
116	Side Near Surface Mounted (SNSM) technique for flexural enhancement of RC beams. <i>Materials and Design</i> , <b>2015</b> , 83, 587-597	8.1	47
115	Effect of fibre aspect ratio on the torsional behaviour of steel fibre-reinforced normal weight concrete and lightweight concrete. <i>Engineering Structures</i> , <b>2015</b> , 101, 24-33	4.7	28
114	Graphene nanoplatelet-fly ash based geopolymer composites. <i>Cement and Concrete Research</i> , <b>2015</b> , 76, 222-231	10.3	151
113	Influence of lightweight aggregate on the bond properties of concrete with various strength grades. <i>Construction and Building Materials</i> , <b>2015</b> , 84, 377-386	6.7	32
112	Strengthening of RC beams using prestressed fiber reinforced polymers – A review. <i>Construction and Building Materials</i> , <b>2015</b> , 82, 235-256	6.7	80
111	Prevention of Debonding Failure of Intermediate Anchor to Eliminate Premature Shear Failure of Flexurally Strengthened Reinforced Concrete Beams. <i>Arabian Journal for Science and Engineering</i> , <b>2015</b> , 40, 2219-2232		4
110	Energy efficient brick kilns for sustainable environment. <i>Desalination and Water Treatment</i> , <b>2015</b> , 1-10		3
109	Adaptive neuro fuzzy prediction of deflection and cracking behavior of NSM strengthened RC beams. <i>Construction and Building Materials</i> , <b>2015</b> , 98, 276-285	6.7	18
108	Torsional behaviour of steel fibre-reinforced oil palm shell concrete beams. <i>Materials and Design</i> , <b>2015</b> , 87, 854-862	8.1	10
107	Characteristics of palm oil clinker as replacement for oil palm shell in lightweight concrete subjected to elevated temperature. <i>Construction and Building Materials</i> , <b>2015</b> , 101, 942-951	6.7	40
106	Utilization of ground granulated blast furnace slag as partial cement replacement in lightweight oil palm shell concrete. <i>Materials and Structures/Materiaux Et Constructions</i> , <b>2015</b> , 48, 2545-2556	3.4	42
105	Automated serviceability prediction of NSM strengthened structure using a fuzzy logic expert system. <i>Expert Systems With Applications</i> , <b>2015</b> , 42, 376-389	7.8	14

104	Development of High Strength Natural Fibre based Composite Plates for Potential Application in Retrofitting of RC Structure. <i>Indian Journal of Science and Technology</i> , <b>2015</b> , 8,	1	4
103	The Tension-Stiffening Contribution of NSM CFRP to the Behavior of Strengthened RC Beams. <i>Materials</i> , <b>2015</b> , 8, 4131-4146	3.5	23
102	Steel Rack Connections: Identification of Most Influential Factors and a Comparison of Stiffness Design Methods. <i>PLoS ONE</i> , <b>2015</b> , 10, e0139422	3.7	20
101	Inclusion of CFRP-Epoxy Composite for End Anchorage in NSM-Epoxy Strengthened Beams. <i>Advances in Materials Science and Engineering</i> , <b>2015</b> , 2015, 1-10	1.5	8
100	Influence of Molarity and Chemical Composition on the Development of Compressive Strength in POFA Based Geopolymer Mortar. <i>Advances in Materials Science and Engineering</i> , <b>2015</b> , 2015, 1-15	1.5	32
99	Structural Lightweight Aggregate Concrete by Incorporating Solid Wastes as Coarse Lightweight Aggregate. <i>Applied Mechanics and Materials</i> , <b>2015</b> , 749, 337-342	0.3	12
98	THE EFFECT OF ASPECT RATIO AND VOLUME FRACTION ON MECHANICAL PROPERTIES OF STEEL FIBRE-REINFORCED OIL PALM SHELL CONCRETE. <i>Journal of Civil Engineering and Management</i> , <b>2015</b> , 22, 168-177	3	10
97	Engineering properties and carbon footprint of ground granulated blast-furnace slag-palm oil fuel ash-based structural geopolymer concrete. <i>Construction and Building Materials</i> , <b>2015</b> , 101, 503-521	6.7	72
96	Experimental Investigation on the Properties of Lightweight Concrete Containing Waste Oil Palm Shell Aggregate. <i>Procedia Engineering</i> , <b>2015</b> , 125, 587-593		16
95	Innovative hybrid bonding method for strengthening reinforced concrete beam in flexure. <i>Construction and Building Materials</i> , <b>2015</b> , 79, 370-378	6.7	19
94	Flexural behaviour of RC beams strengthened with wire mesh-epoxy composite. <i>Construction and Building Materials</i> , <b>2015</b> , 79, 104-114	6.7	31
93	Feasibility study of high volume slag as cement replacement for sustainable structural lightweight oil palm shell concrete. <i>Journal of Cleaner Production</i> , <b>2015</b> , 91, 297-304	10.3	65
92	Incorporation preference for rubber-steel bearing isolation in retrofitting existing multi storied building. <i>Computers and Concrete</i> , <b>2015</b> , 16, 503-529		1
91	Retrofitting of vulnerable RC structures by base isolation technique. <i>Earthquake and Structures</i> , <b>2015</b> , 9, 603-623		1
90	Eliminating concrete cover separation of NSM strengthened beams by CFRP end anchorage. <i>Structural Engineering and Mechanics</i> , <b>2015</b> , 56, 899-916		6
89	Compressive strength and microstructural analysis of fly ash/palm oil fuel ash based geopolymer mortar. <i>Materials &amp; Design</i> , <b>2014</b> , 59, 532-539		137
88	The use of wire mesh-epoxy composite for enhancing the flexural performance of concrete beams. <i>Materials &amp; Design</i> , <b>2014</b> , 60, 250-259		29
87	Compressive strength and microstructural analysis of fly ash/palm oil fuel ash based geopolymer mortar under elevated temperatures. <i>Construction and Building Materials</i> , <b>2014</b> , 65, 114-121	6.7	193



86	Impact resistance of hybrid fibre-reinforced oil palm shell concrete. <i>Construction and Building Materials</i> , <b>2014</b> , 50, 499-507	6.7	80
85	Flexural toughness characteristics of steel-polypropylene hybrid fibre-reinforced oil palm shell concrete. <i>Materials &amp; Design</i> , <b>2014</b> , 57, 652-659		100
84	Evaluation of thermal conductivity, mechanical and transport properties of lightweight aggregate foamed geopolymer concrete. <i>Energy and Buildings</i> , <b>2014</b> , 72, 238-245	7	231
83	The development of compressive strength of ground granulated blast furnace slag-palm oil fuel ash-fly ash based geopolymer mortar. <i>Materials &amp; Design</i> , <b>2014</b> , 56, 833-841		160
82	Agricultural wastes as aggregate in concrete mixtures – A review. <i>Construction and Building Materials</i> , <b>2014</b> , 53, 110-117	6.7	137
81	Palm Oil Fuel Ash as a Partial Cement Replacement for Producing Durable Self-consolidating High-Strength Concrete. <i>Arabian Journal for Science and Engineering</i> , <b>2014</b> , 39, 8507-8516		28
80	Structure, energy and cost efficiency evaluation of three different lightweight construction systems used in low-rise residential buildings. <i>Energy and Buildings</i> , <b>2014</b> , 84, 727-739	7	18
79	STRUCTURAL BEHAVIOUR OF FULLY COUPLED SPAR-MOORING SYSTEM UNDER EXTREME WAVE LOADING. <i>Journal of Civil Engineering and Management</i> , <b>2014</b> , 19, S69-S77	3	9
78	The relationship between interlocking mechanism and bond strength in elastic and inelastic segment of splice sleeve. <i>Construction and Building Materials</i> , <b>2014</b> , 55, 227-237	6.7	67
77	A comparison study of the mechanical properties and drying shrinkage of oil palm shell and expanded clay lightweight aggregate concretes. <i>Materials &amp; Design</i> , <b>2014</b> , 60, 320-327		42
76	Structural lightweight aggregate concrete using two types of waste from the palm oil industry as aggregate. <i>Journal of Cleaner Production</i> , <b>2014</b> , 80, 187-196	10.3	86
75	Ductility performance of lightweight concrete element containing massive palm shell clinker. <i>Construction and Building Materials</i> , <b>2014</b> , 63, 234-241	6.7	31
74	Wind Induced Nonlinear Response of Coupled Spar Platform <b>2014</b> ,		1
73	A review on strengthening steel beams using FRP under fatigue. <i>Scientific World Journal, The</i> , <b>2014</b> , 2014, 702537	2.2	33
72	The effect of different parameters on the development of compressive strength of oil palm shell geopolymer concrete. <i>Scientific World Journal, The</i> , <b>2014</b> , 2014, 898536	2.2	27
71	INCORPORATION OF RUBBER-STEEL BEARING ISOLATION IN MULTI-STOREY BUILDING. <i>Journal of Civil Engineering and Management</i> , <b>2014</b> , 19, S33-S49	3	8
70	EFFICIENT DESIGN IN BUILDING CONSTRUCTION WITH RUBBER BEARING IN MEDIUM RISK SEISMICITY: CASE STUDY AND ASSESSMENT. <i>Journal of Civil Engineering and Management</i> , <b>2014</b> , 20, 6213-631		3
69	The Effect of Palm Oil Fuel Ash as a Cement replacement Material on Self-Compacting Concrete. <i>Applied Mechanics and Materials</i> , <b>2014</b> , 567, 529-534	0.3	5

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64	Flexural Behaviour of Concrete Beams Bonded with Wire Mesh-Epoxy Composite. <i>Applied Mechanics and Materials</i> , <b>2014</b> , 567, 411-416	0.3	4
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61	The effect of steel fibres on the enhancement of flexural and compressive toughness and fracture characteristics of oil palm shell concrete. <i>Construction and Building Materials</i> , <b>2014</b> , 55, 20-28	6.7	62
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