

Mohd Zamin Jumaat

List of Publications by Citations

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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
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h-index

77
g-index

221
ext. papers

8,999
ext. citations

4.8
avg. IF

6.52
L-index

#	Paper	IF	Citations
211	Evaluation of thermal conductivity, mechanical and transport properties of lightweight aggregate foamed geopolymer concrete. <i>Energy and Buildings</i> , 2014 , 72, 238-245	7	231
210	Compressive strength and microstructural analysis of fly ash/palm oil fuel ash based geopolymer mortar under elevated temperatures. <i>Construction and Building Materials</i> , 2014 , 65, 114-121	6.7	193
209	Utilization of oil palm kernel shell as lightweight aggregate in concrete – A review. <i>Construction and Building Materials</i> , 2013 , 38, 161-172	6.7	171
208	Mechanisms of interfacial bond in steel and polypropylene fiber reinforced geopolymer composites. <i>Composites Science and Technology</i> , 2016 , 122, 73-81	8.6	163
207	The development of compressive strength of ground granulated blast furnace slag-palm oil fuel ash-fly ash based geopolymer mortar. <i>Materials & Design</i> , 2014 , 56, 833-841		160
206	Graphene nanoplatelet-fly ash based geopolymer composites. <i>Cement and Concrete Research</i> , 2015 , 76, 222-231	10.3	151
205	Compressive strength and microstructural analysis of fly ash/palm oil fuel ash based geopolymer mortar. <i>Materials & Design</i> , 2014 , 59, 532-539		137
204	Agricultural wastes as aggregate in concrete mixtures – A review. <i>Construction and Building Materials</i> , 2014 , 53, 110-117	6.7	137
203	Incorporation of nano-materials in cement composite and geopolymer based paste and mortar – A review. <i>Construction and Building Materials</i> , 2017 , 148, 62-84	6.7	135
202	Enhancement of mechanical properties in polypropylene and nylon fibre reinforced oil palm shell concrete. <i>Materials & Design</i> , 2013 , 49, 1034-1041		133
201	Green concrete partially comprised of farming waste residues: a review. <i>Journal of Cleaner Production</i> , 2016 , 117, 122-138	10.3	119
200	Oil palm shell as a lightweight aggregate for production high strength lightweight concrete. <i>Construction and Building Materials</i> , 2011 , 25, 1848-1853	6.7	119
199	Durability and mechanical properties of self-compacting concrete incorporating palm oil fuel ash. <i>Journal of Cleaner Production</i> , 2016 , 112, 723-730	10.3	115
198	Estimating building energy consumption using extreme learning machine method. <i>Energy</i> , 2016 , 97, 506-516	5.16	111
197	A review on microstructural study and compressive strength of geopolymer mortar, paste and concrete. <i>Construction and Building Materials</i> , 2018 , 186, 550-576	6.7	104
196	Flexural toughness characteristics of steel-polypropylene hybrid fibre-reinforced oil palm shell concrete. <i>Materials & Design</i> , 2014 , 57, 652-659		100
195	Enhancement and prediction of modulus of elasticity of palm kernel shell concrete. <i>Materials & Design</i> , 2011 , 32, 2143-2148		98

194	Recycling of seashell waste in concrete: A review. <i>Construction and Building Materials</i> , 2018 , 162, 751-764	6.7	95
193	A comparison of the thermal conductivity of oil palm shell foamed concrete with conventional materials. <i>Materials & Design</i> , 2013 , 51, 522-529		94
192	Lightweight concrete made from crushed oil palm shell: Tensile strength and effect of initial curing on compressive strength. <i>Construction and Building Materials</i> , 2012 , 27, 252-258	6.7	93
191	Mechanical and fresh properties of sustainable oil palm shell lightweight concrete incorporating palm oil fuel ash. <i>Journal of Cleaner Production</i> , 2016 , 115, 307-314	10.3	88
190	A new method of producing high strength oil palm shell lightweight concrete. <i>Materials & Design</i> , 2011 , 32, 4839-4843		87
189	UTILIZATION OF PALM OIL FUEL ASH IN CONCRETE: A REVIEW / PALMI ALIEJAUS KURO PELENĖ NAUDOJIMAS BETONE. APŪVALGA. <i>Journal of Civil Engineering and Management</i> , 2011 , 17, 234-247	3	87
188	Structural lightweight aggregate concrete using two types of waste from the palm oil industry as aggregate. <i>Journal of Cleaner Production</i> , 2014 , 80, 187-196	10.3	86
187	Engineering properties of oil palm shell lightweight concrete containing fly ash. <i>Materials & Design</i> , 2013 , 49, 613-621		82
186	USE OF RECYCLED CONCRETE AGGREGATE IN CONCRETE: A REVIEW. <i>Journal of Civil Engineering and Management</i> , 2013 , 19, 796-810	3	81
185	Effect of steel fiber on the mechanical properties of oil palm shell lightweight concrete. <i>Materials & Design</i> , 2011 , 32, 3926-3932		81
184	Strengthening of RC beams using prestressed fiber reinforced polymers – A review. <i>Construction and Building Materials</i> , 2015 , 82, 235-256	6.7	80
183	Impact resistance of hybrid fibre-reinforced oil palm shell concrete. <i>Construction and Building Materials</i> , 2014 , 50, 499-507	6.7	80
182	Properties of high-workability concrete with recycled concrete aggregate. <i>Materials Research</i> , 2011 , 14, 248-255	1.5	78
181	Influences of the volume fraction and shape of steel fibers on fiber-reinforced concrete subjected to dynamic loading – A review. <i>Engineering Structures</i> , 2016 , 124, 405-417	4.7	76
180	High tensile strength fly ash based geopolymer composite using copper coated micro steel fiber. <i>Construction and Building Materials</i> , 2016 , 112, 629-638	6.7	75
179	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> , 2015 , 101, 503-521	6.7	72
178	Utilization of high-volume treated palm oil fuel ash to produce sustainable self-compacting concrete. <i>Journal of Cleaner Production</i> , 2016 , 137, 982-996	10.3	72
177	Engineering properties of lightweight aggregate concrete containing limestone powder and high volume fly ash. <i>Journal of Cleaner Production</i> , 2016 , 135, 148-157	10.3	71

176	Engineering properties and fracture behaviour of high volume palm oil fuel ash based fibre reinforced geopolymer concrete. <i>Construction and Building Materials</i> , 2016 , 111, 286-297	6.7	71
175	Oil-palm by-products as lightweight aggregate in concrete mixture: a review. <i>Journal of Cleaner Production</i> , 2016 , 126, 56-73	10.3	71
174	A Comprehensive Study of the Polypropylene Fiber Reinforced Fly Ash Based Geopolymer. <i>PLoS ONE</i> , 2016 , 11, e0147546	3.7	69
173	Oil palm shell lightweight concrete containing high volume ground granulated blast furnace slag. <i>Construction and Building Materials</i> , 2013 , 40, 231-238	6.7	68
172	The relationship between interlocking mechanism and bond strength in elastic and inelastic segment of splice sleeve. <i>Construction and Building Materials</i> , 2014 , 55, 227-237	6.7	67
171	Mix design for fly ash based oil palm shell geopolymer lightweight concrete. <i>Construction and Building Materials</i> , 2013 , 43, 490-496	6.7	67
170	Microstructural investigations of palm oil fuel ash and fly ash based binders in lightweight aggregate foamed geopolymer concrete. <i>Construction and Building Materials</i> , 2016 , 120, 112-122	6.7	66
169	Structural performance of reinforced geopolymer concrete members: A review. <i>Construction and Building Materials</i> , 2016 , 120, 251-264	6.7	66
168	Feasibility study of high volume slag as cement replacement for sustainable structural lightweight oil palm shell concrete. <i>Journal of Cleaner Production</i> , 2015 , 91, 297-304	10.3	65
167	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> , 2014 , 55, 20-28	6.7	62
166	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> , 2018 , 203, 822-835	10.3	62
165	Durability properties of sustainable concrete containing high volume palm oil waste materials. <i>Journal of Cleaner Production</i> , 2016 , 137, 167-177	10.3	60
164	Benefits of using blended waste coarse lightweight aggregates in structural lightweight aggregate concrete. <i>Journal of Cleaner Production</i> , 2016 , 119, 108-117	10.3	58
163	Shear strength of oil palm shell foamed concrete beams. <i>Materials & Design</i> , 2009 , 30, 2227-2236		58
162	Shear behaviour of reinforced palm kernel shell concrete beams. <i>Construction and Building Materials</i> , 2011 , 25, 2918-2927	6.7	58
161	Influence of steel fibers on the mechanical properties and impact resistance of lightweight geopolymer concrete. <i>Construction and Building Materials</i> , 2017 , 152, 964-977	6.7	52
160	Performance evaluation and some durability characteristics of environmental friendly palm oil clinker based geopolymer concrete. <i>Journal of Cleaner Production</i> , 2017 , 161, 477-492	10.3	50
159	Performance evaluation of palm oil clinker as coarse aggregate in high strength lightweight concrete. <i>Journal of Cleaner Production</i> , 2016 , 112, 566-574	10.3	49

158	Assessing some durability properties of sustainable lightweight oil palm shell concrete incorporating slag and manufactured sand. <i>Journal of Cleaner Production</i> , 2016 , 112, 763-770	10.3	48
157	Side Near Surface Mounted (SNSM) technique for flexural enhancement of RC beams. <i>Materials and Design</i> , 2015 , 83, 587-597	8.1	47
156	Manufacturing of high-strength lightweight aggregate concrete using blended coarse lightweight aggregates. <i>Journal of Building Engineering</i> , 2017 , 13, 53-62	5.2	46
155	Properties of eco-friendly self-compacting concrete containing modified treated palm oil fuel ash. <i>Construction and Building Materials</i> , 2018 , 158, 742-754	6.7	45
154	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> , 2015 , 16, 59-69	2.1	44
153	Bond properties of lightweight concrete [A review]. <i>Construction and Building Materials</i> , 2016 , 112, 478-486	4.6	44
152	Evaluation of Industrial By-Products as Sustainable Pozzolanic Materials in Recycled Aggregate Concrete. <i>Sustainability</i> , 2017 , 9, 767	3.6	43
151	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> , 2015 , 48, 2545-2556	3.4	42
150	A comparison study of the mechanical properties and drying shrinkage of oil palm shell and expanded clay lightweight aggregate concretes. <i>Materials & Design</i> , 2014 , 60, 320-327		42
149	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> , 2018 , 163, 482-495	6.7	41
148	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> , 2018 , 190, 272-284	10.3	41
147	Application of adaptive neuro-fuzzy methodology for estimating building energy consumption. <i>Renewable and Sustainable Energy Reviews</i> , 2016 , 53, 1520-1528	16.2	41
146	Characteristics of palm oil clinker as replacement for oil palm shell in lightweight concrete subjected to elevated temperature. <i>Construction and Building Materials</i> , 2015 , 101, 942-951	6.7	40
145	Oil palm shell lightweight concrete as a ductile material. <i>Materials & Design</i> , 2012 , 36, 650-654		40
144	Flexural behaviour of reinforced concrete slabs with ferrocement tension zone cover. <i>Construction and Building Materials</i> , 2000 , 14, 245-252	6.7	39
143	Feasibility study on the use of high volume palm oil clinker waste in environmental friendly lightweight concrete. <i>Construction and Building Materials</i> , 2017 , 135, 94-103	6.7	36
142	Failure analysis and structural behaviour of CFRP strengthened steel I-beams. <i>Construction and Building Materials</i> , 2012 , 30, 1-9	6.7	35
141	Response of oil palm shell concrete slabs subjected to quasi-static and blast loads. <i>Construction and Building Materials</i> , 2016 , 116, 391-402	6.7	35

140	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> , 2017 , 130, 113-121	6.7	34
139	Drying shrinkage behaviour of structural lightweight aggregate concrete containing blended oil palm bio-products. <i>Journal of Cleaner Production</i> , 2016 , 127, 183-194	10.3	34
138	A review on strengthening steel beams using FRP under fatigue. <i>Scientific World Journal, The</i> , 2014 , 2014, 702537	2.2	33
137	Development of Self-Consolidating High Strength Concrete Incorporating Treated Palm Oil Fuel Ash. <i>Materials</i> , 2015 , 8, 2154-2173	3.5	32
136	Influence of lightweight aggregate on the bond properties of concrete with various strength grades. <i>Construction and Building Materials</i> , 2015 , 84, 377-386	6.7	32
135	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> , 2016 , 133, 414-426	10.3	32
134	Non-linear time domain analysis of base isolated multi-storey building under site specific bi-directional seismic loading. <i>Automation in Construction</i> , 2012 , 22, 554-566	9.6	32
133	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> , 2015 , 2015, 1-15	1.5	32
132	The Effect of Variation of Molarity of Alkali Activator and Fine Aggregate Content on the Compressive Strength of the Fly Ash: Palm Oil Fuel Ash Based Geopolymer Mortar. <i>Advances in Materials Science and Engineering</i> , 2014 , 2014, 1-13	1.5	32
131	Ductility performance of lightweight concrete element containing massive palm shell clinker. <i>Construction and Building Materials</i> , 2014 , 63, 234-241	6.7	31
130	Flexural behaviour of RC beams strengthened with wire mesh-epoxy composite. <i>Construction and Building Materials</i> , 2015 , 79, 104-114	6.7	31
129	Modeling of Compressive Strength for Self-Consolidating High-Strength Concrete Incorporating Palm Oil Fuel Ash. <i>Materials</i> , 2016 , 9,	3.5	31
128	Influence of Sand/Cement Ratio on Mechanical Properties of Palm Kernel Shell Concrete. <i>Journal of Applied Sciences</i> , 2009 , 9, 1764-1769	0.3	30
127	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> , 2016 , 23, 51-68	4.5	30
126	The use of wire mesh-epoxy composite for enhancing the flexural performance of concrete beams. <i>Materials & Design</i> , 2014 , 60, 250-259		29
125	Application of artificial neural networks (ANNs) and linear regressions (LR) to predict the deflection of concrete deep beams. <i>Computers and Concrete</i> , 2013 , 11, 237-252		29
124	Effect of fibre aspect ratio on the torsional behaviour of steel fibre-reinforced normal weight concrete and lightweight concrete. <i>Engineering Structures</i> , 2015 , 101, 24-33	4.7	28
123	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> , 2014 , 39, 8507-8516		28

122	The effect of different parameters on the development of compressive strength of oil palm shell geopolymer concrete. <i>Scientific World Journal, The</i> , 2014 , 2014, 898536	2.2	27
121	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> , 2017 , 148, 369-375	6.7	26
120	Research progress on the flexural behaviour of externally bonded RC beams. <i>Archives of Civil and Mechanical Engineering</i> , 2016 , 16, 982-1003	3.4	26
119	Nonlinear dynamically automated excursions for rubber-steel bearing isolation in multi-storey construction. <i>Automation in Construction</i> , 2013 , 30, 265-275	9.6	26
118	Review of offshore energy in Malaysia and floating Spar platform for sustainable exploration. <i>Renewable and Sustainable Energy Reviews</i> , 2012 , 16, 6268-6284	16.2	26
117	Contribution of acrylic fibre addition and ground granulated blast furnace slag on the properties of lightweight concrete. <i>Construction and Building Materials</i> , 2015 , 95, 686-695	6.7	25
116	Behaviour of precracked RC beams strengthened using the side-NSM technique. <i>Construction and Building Materials</i> , 2016 , 123, 617-626	6.7	24
115	Mechanical, toughness, bond and durability-related properties of lightweight concrete reinforced with steel fibres. <i>Materials and Structures/Materiaux Et Constructions</i> , 2017 , 50, 1	3.4	24
114	Reinforced steel I-beams: A comparison between 2D and 3D simulation. <i>Simulation Modelling Practice and Theory</i> , 2011 , 19, 564-585	3.9	24
113	Fracture evaluation of multi-layered precast reinforced geopolymer-concrete composite beams by incorporating acoustic emission into mechanical analysis. <i>Construction and Building Materials</i> , 2016 , 127, 274-283	6.7	24
112	Behavior of Industrial Steel Rack Connections. <i>Mechanical Systems and Signal Processing</i> , 2016 , 70-71, 725-740	7.8	23
111	The Tension-Stiffening Contribution of NSM CFRP to the Behavior of Strengthened RC Beams. <i>Materials</i> , 2015 , 8, 4131-4146	3.5	23
110	A Review on the Use of Agriculture Waste Material as Lightweight Aggregate for Reinforced Concrete Structural Members. <i>Advances in Materials Science and Engineering</i> , 2014 , 2014, 1-9	1.5	23
109	Strengthening of RC Beams Using Externally Bonded Reinforcement Combined with Near-Surface Mounted Technique. <i>Polymers</i> , 2016 , 8,	4.5	23
108	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> , 2017 , 144, 608-623	6.7	22
107	Failure modes and serviceability of high strength self compacting concrete deep beams. <i>Engineering Failure Analysis</i> , 2011 , 18, 2272-2281	3.2	22
106	Compressive behaviour of lightweight oil palm shell concrete incorporating slag. <i>Construction and Building Materials</i> , 2015 , 94, 263-269	6.7	21
105	CFRP strips for enhancing flexural performance of RC beams by SNSM strengthening technique. <i>Construction and Building Materials</i> , 2018 , 165, 28-44	6.7	21

104	Steel Rack Connections: Identification of Most Influential Factors and a Comparison of Stiffness Design Methods. <i>PLoS ONE</i> , 2015 , 10, e0139422	3.7	20
103	Glass Fiber Reinforced Polymer (GFRP) Bars for Enhancing the Flexural Performance of RC Beams Using Side-NSM Technique. <i>Polymers</i> , 2017 , 9,	4.5	19
102	Heat-treated palm oil fuel ash as an effective supplementary cementitious material originating from agriculture waste. <i>Construction and Building Materials</i> , 2018 , 167, 44-54	6.7	19
101	Innovative hybrid bonding method for strengthening reinforced concrete beam in flexure. <i>Construction and Building Materials</i> , 2015 , 79, 370-378	6.7	19
100	Key Fresh Properties of Self-Consolidating High-Strength POFA Concrete. <i>Journal of Materials in Civil Engineering</i> , 2014 , 26, 134-142	3	19
99	Adaptive neuro fuzzy prediction of deflection and cracking behavior of NSM strengthened RC beams. <i>Construction and Building Materials</i> , 2015 , 98, 276-285	6.7	18
98	Prestressing of NSM steel strands to enhance the structural performance of prestressed concrete beams. <i>Construction and Building Materials</i> , 2016 , 129, 289-301	6.7	18
97	Prediction of the structural behaviour of oil palm shell lightweight concrete beams. <i>Construction and Building Materials</i> , 2016 , 102, 722-732	6.7	18
96	Pitch spacing effect on the axial compressive behaviour of spirally reinforced concrete-filled steel tube (SRCFT). <i>Thin-Walled Structures</i> , 2016 , 100, 213-223	4.7	18
95	Structure, energy and cost efficiency evaluation of three different lightweight construction systems used in low-rise residential buildings. <i>Energy and Buildings</i> , 2014 , 84, 727-739	7	18
94	Utilization of Palm Oil Fuel Ash as Binder in Lightweight Oil Palm Shell Geopolymer Concrete. <i>Advances in Materials Science and Engineering</i> , 2014 , 2014, 1-6	1.5	18
93	NON-LINEAR DYNAMIC ANALYSIS OF COUPLED SPAR PLATFORM. <i>Journal of Civil Engineering and Management</i> , 2013 , 19, 476-491	3	18
92	Near Surface Mounted Composites for Flexural Strengthening of Reinforced Concrete Beams. <i>Polymers</i> , 2016 , 8,	4.5	18
91	Experimental investigation to compare the modulus of rupture in high strength self compacting concrete deep beams and high strength concrete normal beams. <i>Construction and Building Materials</i> , 2012 , 30, 265-273	6.7	17
90	Microstructural and Strength Characteristics of High-Strength Mortar Using Nontraditional Supplementary Cementitious Materials. <i>Journal of Materials in Civil Engineering</i> , 2019 , 31, 04019017	3	16
89	Experimental Investigation on the Properties of Lightweight Concrete Containing Waste Oil Palm Shell Aggregate. <i>Procedia Engineering</i> , 2015 , 125, 587-593		16
88	Ductility and performance assessment of high strength self compacting concrete (HSSCC) deep beams: An experimental investigation. <i>Nuclear Engineering and Design</i> , 2012 , 250, 116-124	1.8	16
87	Bond stress-slip relationship of oil palm shell lightweight concrete. <i>Engineering Structures</i> , 2016 , 127, 319-330	4.7	15

86	Development of Sustainable Geopolymer Mortar using Industrial Waste Materials. <i>Materials Today: Proceedings</i> , 2016 , 3, 125-129	1.4	15
85	A new sustainable composite column using an agricultural solid waste as aggregate. <i>Journal of Cleaner Production</i> , 2016 , 129, 282-291	10.3	15
84	Performance evaluation of masonry grout containing high volume of palm oil industry by-products. <i>Journal of Cleaner Production</i> , 2019 , 220, 1202-1214	10.3	14
83	Automated serviceability prediction of NSM strengthened structure using a fuzzy logic expert system. <i>Expert Systems With Applications</i> , 2015 , 42, 376-389	7.8	14
82	Properties of metakaolin-blended oil palm shell lightweight concrete. <i>European Journal of Environmental and Civil Engineering</i> , 2018 , 22, 852-868	1.5	14
81	Torsional and cracking characteristics of steel fiber-reinforced oil palm shell lightweight concrete. <i>Journal of Composite Materials</i> , 2016 , 50, 115-128	2.7	14
80	An experimental investigation on bending stiffness and neutral axis depth variation of over-reinforced high strength concrete beams. <i>Nuclear Engineering and Design</i> , 2011 , 241, 2060-2067	1.8	14
79	High Strength Lightweight Aggregate Concrete using Blended Coarse Lightweight Aggregate Origin from Palm Oil Industry 2017 , 46, 667-675		14
78	Influence of Cementitious Materials and Aggregates Content on Compressive Strength of Palm Kernel Shell Concrete. <i>Journal of Applied Sciences</i> , 2008 , 8, 3207-3213	0.3	14
77	Efficacy of ASTM Saturation Techniques for Measuring the Water Absorption of Concrete. <i>Arabian Journal for Science and Engineering</i> , 2011 , 36, 761-768		13
76	Structural Lightweight Aggregate Concrete by Incorporating Solid Wastes as Coarse Lightweight Aggregate. <i>Applied Mechanics and Materials</i> , 2015 , 749, 337-342	0.3	12
75	Effect of Replacement of Normal Weight Coarse Aggregate with Oil Palm Shell on Properties of Concrete. <i>Arabian Journal for Science and Engineering</i> , 2012 , 37, 955-964		12
74	Strengthening of Steel I-Beams Using CFRP Strips: An Investigation on CFRP Bond Length. <i>Advances in Structural Engineering</i> , 2012 , 15, 2191-2204	1.9	12
73	Flowing ability of self-consolidating concrete and its binder paste phase including palm oil fuel ash. <i>Magazine of Concrete Research</i> , 2012 , 64, 931-944	2	11
72	Durability Indicators for Sustainable Self-Consolidating High-Strength Concrete Incorporating Palm Oil Fuel Ash. <i>Sustainability</i> , 2018 , 10, 2345	3.6	11
71	Torsional behaviour of steel fibre-reinforced oil palm shell concrete beams. <i>Materials and Design</i> , 2015 , 87, 854-862	8.1	10
70	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> , 2018 , 32, 19-35	2	10
69	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> , 2015 , 22, 168-177	3	10

68	Effect of Magnesium Sulphate on Self-Compacting Concrete Containing Supplementary Cementitious Materials. <i>Advances in Materials Science and Engineering</i> , 2013 , 2013, 1-8	1.5	10
67	Oil and Gas Energy Potential at Malaysian Seabed and Spar Platform for Deepwater Installation. <i>International Journal of Green Energy</i> , 2012 , 9, 111-120	3	10
66	New twelve node serendipity quadrilateral plate bending element based on Mindlin-Reissner theory using Integrated Force Method. <i>Structural Engineering and Mechanics</i> , 2010 , 36, 625-642		10
65	Microstructural investigation and durability performance of high volume industrial by-products-based masonry mortars. <i>Construction and Building Materials</i> , 2018 , 189, 906-923	6.7	10
64	Valorization of Wastes from Power Plant, Steel-Making and Palm Oil Industries as Partial Sand Substitute in Concrete. <i>Waste and Biomass Valorization</i> , 2018 , 9, 1645-1654	3.2	9
63	STRUCTURAL BEHAVIOUR OF FULLY COUPLED SPAR MOORING SYSTEM UNDER EXTREME WAVE LOADING. <i>Journal of Civil Engineering and Management</i> , 2014 , 19, S69-S77	3	9
62	Comparison of shear lag in structural steel building with framed tube and braced tube. <i>Structural Engineering and Mechanics</i> , 2014 , 49, 297-309		9
61	Structural performance of lightweight concrete beams strengthened with side-externally bonded reinforcement (S-EBR) technique using CFRP fabrics. <i>Composites Part B: Engineering</i> , 2019 , 176, 107323	10	8
60	Inclusion of CFRP-Epoxy Composite for End Anchorage in NSM-Epoxy Strengthened Beams. <i>Advances in Materials Science and Engineering</i> , 2015 , 2015, 1-10	1.5	8
59	INCORPORATION OF RUBBER-STEEL BEARING ISOLATION IN MULTI-STOREY BUILDING. <i>Journal of Civil Engineering and Management</i> , 2014 , 19, S33-S49	3	8
58	An Experimental Investigation of the Stress-Strain Distribution in High Strength Concrete Deep Beams. <i>Procedia Engineering</i> , 2011 , 14, 2141-2150		8
57	Eliminating Premature End Peeling of Flexurally Strengthened Reinforced Concrete Beams. <i>Journal of Applied Sciences</i> , 2009 , 9, 1106-1113	0.3	8
56	Ductility behaviours of oil palm shell steel fibre-reinforced concrete beams under flexural loading. <i>European Journal of Environmental and Civil Engineering</i> , 2019 , 23, 866-878	1.5	8
55	Response of nonlinear offshore spar platform under wave and current. <i>Ocean Engineering</i> , 2017 , 144, 296-304	3.9	6
54	Sustainable palm oil fuel ash mortar used as partial adhesive replacement in flexurally strengthened RC beams. <i>Construction and Building Materials</i> , 2019 , 226, 507-523	6.7	6
53	Nonlinear Finite Element Analysis of Spar Platform. <i>Advanced Science Letters</i> , 2012 , 13, 723-726	0.1	6
52	Investigation on Energy Absorption Capacity of Reinforced Concrete Beams by the Near-Surface Mounted Technique Using Ductile Materials. <i>Science of Advanced Materials</i> , 2016 , 8, 1536-1546	2.3	6
51	Eliminating concrete cover separation of NSM strengthened beams by CFRP end anchorage. <i>Structural Engineering and Mechanics</i> , 2015 , 56, 899-916		6

50	High strength oil palm shell concrete beams reinforced with steel fibres. <i>Materiales De Construccion</i> , 2017 , 67, 142	1.8	6
49	Effect of High-cyclic Loads on Dynamic Response of Reinforced Concrete Slabs. <i>KSCE Journal of Civil Engineering</i> , 2019 , 23, 1293-1301	1.9	6
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