

Nasir Shafiq

List of Publications by Year in descending order

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140
papers

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citations

201385

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docs citations

143
times ranked

2111
citing authors

#	ARTICLE	IF	CITATIONS
1	The Mediating Role of Policy-Related Factors in the Relationship between Practice of Waste Generation and Sustainable Construction Waste Minimisation: PLS-SEM. Sustainability, 2022, 14, 656.	1.6	11
2	Effect of Elastomeric Expandable Additive on Compressive Strength and Linear Expansion of Fly-Ash-Based Strength-Enhanced Geopolymer Cement for Shrinkage-Resistant Oil-Well Cementing. Applied Sciences (Switzerland), 2022, 12, 1897.	1.3	4
3	Thermal-Energy Performance of Bulk Insulation Coupled with High-Albedo Roof Tiles in Urban Pitched Residential Roof Assemblies in the Hot, Humid Climate. Sustainability, 2022, 14, 2867.	1.6	0
4	Fire-Exposed Fly-Ash-Based Geopolymer Concrete: Effects of Burning Temperature on Mechanical and Microstructural Properties. Materials, 2022, 15, 1884.	1.3	16
5	Beneficial Effects of 3D BIM for Pre-Emptying Waste during the Planning and Design Stage of Building and Waste Reduction Strategies. Sustainability, 2022, 14, 3410.	1.6	8
6	The Strength and Thermal Properties of Concrete containing Water Absorptive Aggregate from Well-Graded Bottom Ash (BA) as Partial Sand Replacement. Construction and Building Materials, 2022, 339, 127658.	3.2	6
7	Computational Aerodynamic Optimization of Wind-Sensitive Irregular Tall Buildings. Buildings, 2022, 12, 939.	1.4	4
8	Lignosulfonate as a retarder in geopolymer cement for oil well cementing: Effect on compressive strength. Materials Today: Proceedings, 2022, , .	0.9	2
9	Building information modelling application for developing sustainable building (Multi criteria) Tj ETQq1 1 0.784314,rgBT /Overlock 10	3.5	36
10	A case study on the effective implementation of the reuse and recycling of construction & demolition waste management practices in Malaysia. Ain Shams Engineering Journal, 2021, 12, 283-291.	3.5	42
11	An Experimental Assessment on the Performance of Fly Ash in Concrete. Lecture Notes in Civil Engineering, 2021, , 458-467.	0.3	1
12	Experimental Study and Design of Experiment Using Statistical Analysis for the Development of Geopolymer Matrix for Oil-Well Cementing for Enhancing the Integrity. Crystals, 2021, 11, 139.	1.0	7
13	Enhancing the Microstructure and Sustainability of Ultra-High-Performance Concrete Using Ultrafine Calcium Carbonate and High-Volume Fly Ash under Different Curing Regimes. Sustainability, 2021, 13, 3900.	1.6	8
14	Effect of Roof Tile Colour on Heat Conduction Transfer, Roof-Top Surface Temperature and Cooling Load in Modern Residential Buildings under the Tropical Climate of Malaysia. Sustainability, 2021, 13, 4665.	1.6	12
15	Investigating embodied carbon, mechanical properties, and durability of high-performance concrete using ternary and quaternary blends of metakaolin, nano-silica, and fly ash. Environmental Science and Pollution Research, 2021, 28, 49074-49088.	2.7	43
16	Reducing the Waiting-On-Cement Time of Geopolymer Well Cement using Calcium Chloride (CaCl ₂) as the Accelerator: Analysis of the Compressive Strength and Acoustic Impedance for Well Logging. Sustainability, 2021, 13, 6128.	1.6	6
17	Nano-Porous Silica-Aerogel-Incorporated Composite Materials for Thermal-Energy-Efficient Pitched Roof in the Tropical Region. Applied Sciences (Switzerland), 2021, 11, 6081.	1.3	12
18	Strength enhancement of concrete using incinerated agricultural waste as supplementary cement materials. Scientific Reports, 2021, 11, 12722.	1.6	9

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19	Modeling of 3R (Reduce, Reuse and Recycle) for Sustainable Construction Waste Reduction: A Partial Least Squares Structural Equation Modeling (PLS-SEM). <i>Sustainability</i> , 2021, 13, 10660.	1.6	24
20	Mechanical and Post-Cracking Characteristics of Fiber Reinforced Concrete Containing Copper-Coated Steel and PVA Fibers in 100% Cement and Fly Ash Concrete. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1048.	1.3	3
21	Investigation of the Impact of Graphene Nanoplatelets (GnP) on the Bond Stress of High-Performance Concrete Using Pullout Testing. <i>Materials</i> , 2021, 14, 7054.	1.3	14
22	Life Cycle Carbon Footprint Assessments, Case Study of Malaysian Housing Sector. <i>Environmental and Climate Technologies</i> , 2021, 25, 1003-1017.	0.5	3
23	Investigation of the current Innovative Industrialized Building Systems (IBS) in Malaysia. , 2021, , .		5
24	Effect of Granular Silica Aerogel as Filler on Tensile and Flexural Strengths and Moduli of Stone-Wool-Fibre-Reinforced Composite as Rigid Board Roof Insulation Material. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 945, 012061.	0.2	2
25	Fire Performance of Fly Ash-Based Geopolymer Concrete: Effect of Burning Temperature. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 945, 012062.	0.2	8
26	Green-Building-Index-Assessment-Criteria-Based Comparative Evaluation of Interlocking Blocks as an Alternative to Conventional Masonry for Residential Buildings in Malaysia. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 945, 012071.	0.2	0
27	Building-Information-Modelling-Based Thermal-Energy Performance Evaluation of Silica-Aerogel-Incorporated Rigid Board Roof Insulation Material for Residential Buildings in the Tropical Climate of Malaysia. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 945, 012066.	0.2	1
28	Thermal-Energy Performance of High-Albedo Roof Tiles and Bulk Rafter Insulation in Residential Roof in the Tropical Climate. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 945, 012067.	0.2	0
29	Durability performance of high volume fly ash roller compacted concrete pavement containing crumb rubber and nano silica. <i>International Journal of Pavement Engineering</i> , 2020, 21, 1437-1444.	2.2	22
30	Uniaxial compressive strength of geopolymer cement for oil well cement. <i>Journal of Petroleum Exploration and Production</i> , 2020, 10, 67-70.	1.2	16
31	Physical and Mechanical Properties of Concrete with Locally Produced Metakaolin and Micro-silica as Supplementary Cementitious Material. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2020, 44, 1199-1207.	1.0	1
32	Flexural Behavior of Double-Skin Steel Tube Beams Filled with Fiber-Reinforced Cementitious Composite and Strengthened with CFRP Sheets. <i>Materials</i> , 2020, 13, 3064.	1.3	30
33	Experimental Investigation on the Effect of Varying Fiber Mix Proportion on the Mechanical and Thermal Performances of Fiber-Reinforced Self-Compacting Concrete under Hydrocarbon Fire Condition. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4586.	1.3	2
34	Establishing the Correlations for Eco-Efficiency Index of Various Types of Structural Concrete Used in the Malaysian Housing Using Response Surface Method. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4372.	1.3	1
35	Investigating the effects of NaOH molarity and the geometry of PVA fibers on the post-cracking and the fracture behavior of engineered geopolymer composite. <i>Construction and Building Materials</i> , 2020, 265, 120295.	3.2	33
36	Effects of Sand/Fly Ash and the Water/Solid Ratio on the Mechanical Properties of Engineered Geopolymer Composite and Mix Design Optimization. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 333.	0.8	16

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37	Investigating the expansion characteristics of geopolymer cement samples in a water bath and compared with the expansion of ASTM Class-G cement. <i>Heliyon</i> , 2020, 6, e03478.	1.4	11
38	Improved anaerobic digestion of palm oil mill effluent and biogas production by ultrasonication pretreatment. <i>Science of the Total Environment</i> , 2020, 722, 137833.	3.9	43
39	Design and Construction Technique for Low Embodied Energy Building: An Analytical Network Process Approach. <i>Journal of Engineering and Technological Sciences</i> , 2020, 52, 166.	0.3	1
40	Investigating the Effects of Fiber Reinforced Concrete on the Performance of End-Zone of Pre-Stressed Beams. <i>Materials</i> , 2019, 12, 2093.	1.3	3
41	Effects of Modified Metakaolin Using Nano-Silica on the Mechanical Properties and Durability of Concrete. <i>Materials</i> , 2019, 12, 2291.	1.3	43
42	Investigating the Impacts of Ultra-Fine Calcium Carbonate in High-Volume Fly Ash Concrete for Structural Rehabilitation for Sustainable Development. <i>Sustainability</i> , 2019, 11, 4671.	1.6	7
43	Operational carbon footprint prediction model for conventional tropical housing: a Malaysian prospective. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 7817-7826.	1.8	17
44	Effective bond length of CFRP sheets externally bonded to concrete beams under marine environment. <i>Construction and Building Materials</i> , 2018, 167, 726-738.	3.2	18
45	Pull-off testing as an interfacial bond strength assessment of CFRP-concrete interface exposed to a marine environment. <i>International Journal of Adhesion and Adhesives</i> , 2018, 84, 335-342.	1.4	23
46	Effect of crumb rubber and nano silica on the fatigue performance of roller compacted concrete pavement. <i>Cogent Engineering</i> , 2018, 5, 1436027.	1.1	25
47	Skid Resistance of nano silica modified roller compacted rubbercrete for pavement applications: Experimental methods and response surface methodology. <i>Cogent Engineering</i> , 2018, 5, 1452664.	1.1	18
48	Effects of sugarcane bagasse ash on the properties of concrete. <i>Proceedings of the Institution of Civil Engineers: Engineering Sustainability</i> , 2018, 171, 123-132.	0.4	27
49	Recurrent carbon footprint assessment and forecasting for conventional housing in tropical regions: A Malaysian case study. <i>Environmental Progress and Sustainable Energy</i> , 2018, 37, 839-849.	1.3	1
50	Factors affecting the eco-efficiency design of reinforced concrete structure of low-rise and high-rise residential house in Malaysia. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	0
51	Ultra-high performance concrete: From fundamental to applications. <i>Case Studies in Construction Materials</i> , 2018, 9, e00197.	0.8	119
52	Statistical modeling and mix design optimization of fly ash based engineered geopolymer composite using response surface methodology. <i>Journal of Cleaner Production</i> , 2018, 194, 483-498.	4.6	80
53	Flexural Modelling and Finite Element Analysis of FRC Beams Reinforced with PVA and Basalt Fibres and Their Validation. <i>Advances in Civil Engineering</i> , 2018, 2018, 1-18.	0.4	5
54	Vectors of Defects in Reinforced Concrete Structures in Onshore Oil and Gas Process Plants. <i>Advances in Civil Engineering</i> , 2018, 2018, 1-8.	0.4	0

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55	Effects of used engine oil on slump, compressive strength and oxygen permeability of normal and blended cement concrete. <i>Construction and Building Materials</i> , 2018, 187, 178-184.	3.2	16
56	Investigation of construction wastes generated in the Malaysian residential sector. <i>Waste Management and Research</i> , 2018, 36, 1157-1165.	2.2	14
57	Investigating the effects of solar cure curing method on the compressive strength, microstructure and polymeric reaction of fly ash based geopolymer. <i>Construction and Building Materials</i> , 2018, 181, 227-237.	3.2	28
58	Effect of crumb rubber and nano silica on the durability performance of high volume fly ash roller compacted concrete pavement. <i>International Journal of Advanced and Applied Sciences</i> , 2018, 5, 53-61.	0.2	2
59	Utilization of EAFD in Concrete Composite. <i>Materials Science Forum</i> , 2017, 894, 72-75.	0.3	3
60	Effect of Partial Replacement of Fly Ash by Metakaolin on Strength Development of Fly Ash Based Geopolymer Mortar. <i>Key Engineering Materials</i> , 2017, 744, 131-135.	0.4	8
61	Reducing Heavy Metal Element from Coal Bottom Ash by Using Citric Acid Leaching Treatment. <i>MATEC Web of Conferences</i> , 2017, 103, 01004.	0.1	13
62	Influence of Metakaolin, Fly Ash and Nano Silica on Mechanical and Durability Properties of Concrete. <i>Key Engineering Materials</i> , 2017, 744, 8-14.	0.4	18
63	A review on adoption of novel techniques in construction waste management and policy. <i>Journal of Material Cycles and Waste Management</i> , 2017, 19, 1361-1373.	1.6	52
64	Time Overrun in Construction Project. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 291, 012016.	0.3	3
65	Effective Safety Management in Construction Project. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 291, 012018.	0.3	12
66	MECHANICAL PERFORMANCE OF ROLLER COMPACTED RUBBERCRETE WITH DIFFERENT MINERAL FILLER. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2017, 79, .	0.3	10
67	Effect of Mineral Filler type on Strength of Roller Compacted Rubbercrete for Pavement Applications. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 201, 012011.	0.3	3
68	Communicating Sustainability: Context Matters. , 2017, , .		0
69	Quality planning in Construction Project. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 291, 012017.	0.3	3
70	IMPACT OF CONSTRUCTION WASTE MINIMIZATION AT CONSTRUCTION SITE: CASE STUDY. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2016, 78, .	0.3	1
71	The Effect of Incineration Temperature to the Chemical and Physical Properties of Ultrafine Treated Rice Husk Ash (UFTRHA) as Supplementary Cementing Material (SCM). <i>Procedia Engineering</i> , 2016, 148, 163-167.	1.2	12
72	Investigating the performance of PVA and basalt fibre reinforced beams subjected to flexural action. <i>Composite Structures</i> , 2016, 153, 30-41.	3.1	56

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73	Effectiveness of low-concentration acid and solar drying as pre-treatment features for producing pozzolanic sugarcane bagasse ash. <i>Journal of Cleaner Production</i> , 2016, 112, 953-962.	4.6	55
74	Behaviour of RC beams with CFRP-strengthened openings. <i>Structural Concrete</i> , 2016, 17, 32-43.	1.5	17
75	A multivariable regression tool for embodied carbon footprint prediction in housing habitat. <i>Habitat International</i> , 2016, 53, 292-300.	2.3	29
76	Compressive Stress-Strain Behavior of HSFRC Reinforced with Basalt Fibers. <i>Journal of Materials in Civil Engineering</i> , 2016, 28, .	1.3	50
77	Strength and microstructural properties of fly ash based geopolymer concrete containing high-calcium and water-absorptive aggregate. <i>Journal of Cleaner Production</i> , 2016, 112, 816-822.	4.6	105
78	Correlation between compressive strength and ultrasonic pulse velocity of high strength concrete incorporating chopped basalt fibre. <i>AIP Conference Proceedings</i> , 2015, , .	0.3	3
79	Microstructure characteristics of concrete incorporating metakaolin and PVA fibers and influence on the compressive strength. <i>AIP Conference Proceedings</i> , 2015, , .	0.3	0
80	Compressive strength and interfacial transition zone of sugar cane bagasse ash concrete: A comparison to the established pozzolans. <i>AIP Conference Proceedings</i> , 2015, , .	0.3	5
81	4D BIM Application in AEC Industry: Impact on Integrated Project Delivery. <i>Research Journal of Applied Sciences, Engineering and Technology</i> , 2015, 10, 547-552.	0.1	13
82	Calcined kaolin as cement replacing material and its use in high strength concrete. <i>Construction and Building Materials</i> , 2015, 81, 313-323.	3.2	88
83	Strength Prediction Models for PVA Fiber-Reinforced High-Strength Concrete. <i>Journal of Materials in Civil Engineering</i> , 2015, 27, .	1.3	27
84	Carbon footprint assessment of a typical low rise office building in Malaysia using building information modelling (BIM). <i>International Journal of Sustainable Building Technology and Urban Development</i> , 2015, 6, 157-172.	1.0	40
85	FRP as strengthening material for Reinforced Concrete beams with openings " A review. <i>KSCE Journal of Civil Engineering</i> , 2015, 19, 213-219.	0.9	19
86	Adsorption of Metals (Zn, Ca and B) in Used Engine Oil by Using Microwave Incinerated Rice Husk Ash (MIRHA). , 2015, , 1065-1073.		1
87	Strength Development of High-Strength Ductile Concrete Incorporating Metakaolin and PVA Fibers. <i>Scientific World Journal</i> , The, 2014, 2014, 1-11.	0.8	24
88	Effects of Different Mineral Admixtures on the Properties of Fresh Concrete. <i>Scientific World Journal</i> , The, 2014, 2014, 1-11.	0.8	92
89	Compressive Strength and Microstructure of Sugar Cane Bagasse Ash Concrete. <i>Research Journal of Applied Sciences, Engineering and Technology</i> , 2014, 7, 2569-2577.	0.1	47
90	An Experimental Study on the Effectiveness of Chopped Basalt Fiber on the Fresh and Hardened Properties of High Strength Concrete. <i>Research Journal of Applied Sciences, Engineering and Technology</i> , 2014, 7, 3304-3311.	0.1	4

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91	Comparison of the Effects of Different Fibers on the Properties of Self-compacting Concrete. Research Journal of Applied Sciences, Engineering and Technology, 2014, 7, 3332-3341.	0.1	6
92	Stress-strain Response of High Strength Concrete and Application of the Existing Models. Research Journal of Applied Sciences, Engineering and Technology, 2014, 8, 1174-1190.	0.1	11
93	Effects of Eccentric Load on Un-Strengthen and CFRP Strengthened RC Beams. Advanced Materials Research, 2014, 935, 229-232.	0.3	1
94	A Review on Composite Materials for Offshore Structures. , 2014, , .		6
95	Criticality Analysis of Defects in Civil Engineering Structures: Case of Onshore Process Plant.. Procedia Engineering, 2014, 77, 53-60.	1.2	3
96	Effect of Metakaolin and PVA Fibres on the Workability and Mechanical Properties of Concrete. Advanced Materials Research, 2014, 935, 188-192.	0.3	3
97	Effect of Chopped Basalt Fibers on the Mechanical Properties and Microstructure of High Performance Fiber Reinforced Concrete. Advances in Materials Science and Engineering, 2014, 2014, 1-14.	1.0	72
98	IDENTIFICATION AND MODELLING PROCESS OF DEFINING TEMPERATURE GRADIENT IN AIRPORT PAVEMENT. Aviation, 2014, 18, 72-79.	0.7	1
99	Mechanical Properties of High-performance Concrete Reinforced with Basalt Fibers. Procedia Engineering, 2014, 77, 131-139.	1.2	121
100	Criticality Index of Building Systems Using Multi-Criteria Decision Analysis Technique. MATEC Web of Conferences, 2014, 15, 01018.	0.1	17
101	Mechanical Properties of High-Strength Concrete Reinforced with PVA and Basalt Fibres. , 2014, , 567-575.		5
102	Evaluation the Effectiveness of Chopped Basalt Fiber on the Properties of High Strength Concrete. Journal of Applied Sciences, 2014, 14, 1073-1077.	0.1	9
103	Effects of micro-structure characteristics of interfacial transition zone on the compressive strength of self-compacting geopolymer concrete. Construction and Building Materials, 2013, 41, 91-98.	3.2	112
104	Mechanical properties of high strength concrete using fly ash. , 2013, , .		5
105	Effect of silica fume on the fresh and hardened properties of fly ash-based self-compacting geopolymer concrete. International Journal of Minerals, Metallurgy and Materials, 2013, 20, 205-213.	2.4	90
106	Strengthening Techniques & Failure Modes of RC Beam Strengthened Using Fibre Reinforced Polymer. A Review. GSTF Journal of Engineering Technology, 2013, 2, .	0.1	4
107	Optimizing naphthalene based superplasticizer content for optimum rheology and strength of self compacting concrete containing fly ash and MIRHA. , 2012, , .		2
108	The effect of microwave incinerated rice husk ash on the compressive and bond strength of fly ash based geopolymer concrete. Construction and Building Materials, 2012, 36, 695-703.	3.2	145

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109	Effect of mix composition on workability and compressive strength of self-compacting geopolymer concrete. Canadian Journal of Civil Engineering, 2011, 38, 1196-1203.	0.7	63
110	Effects of curing temperature and superplasticizer on workability and compressive strength of self-compacting geopolymer concrete. , 2011, , .		18
111	Utilisation of waste material in geopolymeric concrete. Proceedings of Institution of Civil Engineers: Construction Materials, 2011, 164, 315-327.	0.7	27
112	Degree of hydration and compressive strength of conditioned samples made of normal and blended cement system. KSCE Journal of Civil Engineering, 2011, 15, 1253-1257.	0.9	18
113	Parametric Studies on Bonded CFRP-Steel Connection. , 2011, , .		0
114	CFRP Composites for Strengthening RC Beams with Large Square Opening at Shear: Fem & Experimental. , 2011, , .		0
115	Fatigue behaviour of CFRP concrete joints under shear. Proceedings of the Institution of Civil Engineers: Structures and Buildings, 2009, 162, 355-364.	0.4	3
116	Comparison of engineering and durability properties of fly ash blended cement concrete made in UK and Malaysia. Advances in Applied Ceramics, 2007, 106, 314-318.	0.6	18
117	Calculation of the coefficients of oxygen permeability of mortar samples using PORECOR analysis. Structural Concrete, 2006, 7, 159-164.	1.5	0
118	Effects of initial curing condition on the fluid transport properties in OPC and fly ash blended cement concrete. Cement and Concrete Composites, 2004, 26, 381-387.	4.6	44
119	Effects of fly ash on chloride migration in concrete and calculation of cover depth required against the corrosion of embedded steel reinforcement. Structural Concrete, 2004, 5, 5-9.	1.5	12
120	A Review on Ductile Self-Compacting Concrete. Key Engineering Materials, 0, 594-595, 433-438.	0.4	0
121	Effects of Ferrocement in Strengthening the Serviceability Properties of Reinforced Concrete Structures. Advanced Materials Research, 0, 690-693, 686-690.	0.3	4
122	Effect of Chopped Basalt Fiber on the Fresh and Hardened Properties of Fly Ash High Strength Concrete. Applied Mechanics and Materials, 0, 567, 381-386.	0.2	5
123	Embodied Carbon Potential of Conventional Construction Materials Used in Typical Malaysian Single Storey Low Cost House Using Building Information Modeling (BIM). Advanced Materials Research, 0, 1043, 242-246.	0.3	7
124	Predictive Stress-Strain Models for High Strength Concrete Subjected to Uniaxial Compression. Applied Mechanics and Materials, 0, 567, 476-481.	0.2	1
125	Strength Development of Concrete Incorporating Metakaolin and PVA Fibres. Applied Mechanics and Materials, 0, 567, 505-510.	0.2	4
126	Analytical Prediction of the Mechanical Properties of High Performance PVA Fiber Reinforced Concrete. Applied Mechanics and Materials, 0, 567, 345-350.	0.2	2

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127	Characterization of Stand Chopped Basalt Fiber Self-Compacting Reinforced Concrete (SCB-SCC). Applied Mechanics and Materials, 0, 567, 356-361.	0.2	0
128	Strengthening Schemes for Flexure and Torsion Using FRP Laminates: A State of Art Review. Applied Mechanics and Materials, 0, 567, 511-516.	0.2	1
129	Durability of Sugar Cane Bagasse Ash (SCBA) Concrete towards Chloride Ion Penetration. Applied Mechanics and Materials, 0, 567, 369-374.	0.2	9
130	Challenges for Implementation of Building Information Modeling (BIM) in Malaysian Construction Industry. Applied Mechanics and Materials, 0, 567, 559-564.	0.2	29
131	Reinforced Concrete Deep Beams with Openings Strengthened Using FRP – A Review. Advanced Materials Research, 0, 1025-1026, 938-943.	0.3	3
132	Effect of Microwave Incinerated Rice Husk Ash (MIRHA) on Workability and Compressive Strength of Concrete. Advanced Materials Research, 0, 935, 193-196.	0.3	6
133	An Experimental Study on the Effects of Biaxial Bending due to Eccentric Load on RC Beam. Applied Mechanics and Materials, 0, 567, 339-344.	0.2	0
134	Microwave Incinerated Rice Husk Ash (MIRHA) and Used Engine Oil (UEO): Towards Sustainable Concrete Production. Applied Mechanics and Materials, 0, 567, 434-439.	0.2	6
135	Drying Shrinkage of Fly Ash-Based Self-Compacting Geopolymer Concrete. Applied Mechanics and Materials, 0, 567, 362-368.	0.2	6
136	Embodied Carbon of Buildings: Tools, Methods and Strategies. Applied Mechanics and Materials, 0, 567, 565-570.	0.2	2
137	Effect of Calcined Kaolin on the Mechanical Properties of High-Strength Concrete as Cement Replacing Material. Applied Mechanics and Materials, 0, 567, 375-380.	0.2	2
138	Pozzolanic Reaction Mechanism of Rice Husk Ash in Concrete – A Review. Applied Mechanics and Materials, 0, 773-774, 1143-1147.	0.2	9
139	Mechanical Properties of Hybrid Basalt-Polyvinyl Alcohol (PVA) Fiber Reinforced Concrete. Key Engineering Materials, 0, 744, 3-7.	0.4	15
140	Relational pre-impact assessment of conventional housing features and carbon footprint for achieving sustainable built environment. Environment, Development and Sustainability, 0, , 1.	2.7	1