Faiz U A Shaikh

List of Publications by Year in Descending Order

152 papers	5,518 citations	46 h-index	70 g-index
164 ext. papers	6,971 ext. citations	4.3 avg, IF	6.95 L-index

#	Paper	IF	Citations
152	A Review on the Performance Evaluation of Autonomous Self-Healing Bacterial Concrete: Mechanisms, Strength, Durability, and Microstructural Properties. *Journal of Composites Science*, **2022**, 6, 23	3	2
151	Experimental study of the mechanical properties and microstructure of geopolymer paste containing nano-silica from agricultural waste and crystalline admixtures. *Case Studies in Construction Materials*, **2022**, 16, e00792	2.7	3
150	Nano-modified green cementitious composites **2022**, 305-346		
149	A comprehensive review of properties of concrete containing lithium refinery residue as partial replacement of cement. *Construction and Building Materials*, **2022**, 328, 127053	6.7	0
148	Sulphuric acid resistance of ground ferronickel slag blended fly ash geopolymer mortar. *Construction and Building Materials*, **2021**, 313, 125505	6.7	1
147	Structural behavior of recycled tire crumb rubber sandwich panel in flexural bending. *Structural Concrete*, **2021**, 22, 3602	2.6	2
146	Effect of chemical exposure on mechanical properties and microstructure of lightweight polymer composites containing solid waste fillers. *Construction and Building Materials*, **2021**, 309, 125192	6.7	2
145	Utilization potential of mine tailings in geopolymers: Physicochemical and environmental aspects. *Chemical Engineering Research and Design*, **2021**, 147, 559-577	5.5	19
144	Mechanical properties and microstructure of lightweight polymer composites containing mono and hybrid fillers sourced from recycled solid wastes. *Construction and Building Materials*, **2021**, 277, 122369	6.7	3
143	A study on spalling behaviour of geopolymer mortars using ring restraint test. *Construction and Building Materials*, **2021**, 279, 122494	6.7	4
142	Review on Performance Evaluation of Autonomous Healing of Geopolymer Composites. *Infrastructures*, **2021**, 6, 94	2.6	3
141	Structural behaviour of tyre-bale sandwich wall under axial load. *Structures*, **2021**, 31, 792-804	3.4	1
140	Mine tailings-based geopolymers: Properties, applications and industrial prospects. *Ceramics International*, **2021**, 47, 17826-17843	5.1	23
139	Nano- and micro-scale characterisation of interfacial transition zone (ITZ) of high volume slag and slag-fly ash blended concretes containing nano SiO2 and nano CaCO3. *Construction and Building Materials*, **2021**, 269, 121311	6.7	19
138	Influence of nano silica on compressive strength, durability, and microstructure of high-volume slag and high-volume slagfly ash blended concretes. *Structural Concrete*, **2021**, 22, E474	2.6	5
137	Compressive strength development and durability properties of high volume slag and slag-fly ash blended concretes containing nano-CaCO3. *Journal of Materials Research and Technology*, **2021**, 10, 1310-1322	5.5	13
136	Effect of nano SiO2 on mechanical properties of micro-steel fibers reinforced geopolymer composites. *Ceramics International*, **2021**, 47, 33444-33444	5.1	9

135	Dynamic compressive properties of high volume fly ash (HVFA) concrete with nano silica. *Construction and Building Materials*, **2021**, 301, 124352	6.7	6
134	Effect of acidic volcanic perlite rock on physio-mechanical properties and microstructure of natural pozzolan based geopolymers. *Case Studies in Construction Materials*, **2021**, 15, e00712	2.7	3
133	A review on developments of environmentally friendly geopolymer technology. *Materialia*, **2021**, 20, 101212	3.2	12
132	Mechanical properties of recycled polyethylene terephthalate (PET) fiber-reinforced fly ash geopolymer and fly ash-slag-blended geopolymer composites **2021**, 265-284		1
131	Effects of curing types, fly ash fineness and fibre lengths on mechanical and impact properties of steel fibre reinforced concretes. *Australian Journal of Civil Engineering*, **2020**, 18, 231-245	1.8	2
130	Tensile and flexural behaviour of recycled polyethylene terephthalate (PET) fibre reinforced geopolymer composites. *Construction and Building Materials*, **2020**, 245, 118438	6.7	32
129	Characterization and properties of geopolymer nanocomposites with different contents of nano-CaCO3. *Construction and Building Materials*, **2020**, 252, 119137	6.7	43
128	Environmental assessment of supplementary cementitious materials and engineered nanomaterials concrete. *AIMS Environmental Science*, **2020**, 7, 13-30	1.9	10
127	SUSTAINABILITY ASSESSMENT OF REINFORCED CONCRETE BEAM MIXES CONTAINING RECYCLED AGGREGATES AND INDUSTRIAL BY-PRODUCTS. *Journal of Green Building*, **2020**, 15, 95-119	1.3	5
126	Fly ash and ground granulated blast furnace slag-based alkali-activated concrete: Mechanical, transport and microstructural properties. *Construction and Building Materials*, **2020**, 257, 119548	6.7	49
125	The effect of specimen geometry on the compressive and tensile strengths of self-compacting rubberised concrete containing waste rubber granules. *Structures*, **2020**, 27, 1646-1659	3.4	6
124	Anisotropy and bond behaviour of recycled Polyethylene terephthalate (PET) fibre as concrete reinforcement. *Construction and Building Materials*, **2020**, 265, 120331	6.7	7
123	Experimental study on granite acoustic emission and micro-fracture behavior with combined compression and shear loading: phenomenon and mechanism. *Scientific Reports*, **2020**, 10, 22051	4.9	3
122	Performance evaluation of Ultrahigh performance fibre reinforced concrete □A review. *Construction and Building Materials*, **2020**, 232, 117152	6.7	56
121	Experimental study on shear property and rheological characteristic of superfine cement grouts with nano-SiO2 addition. *Construction and Building Materials*, **2019**, 228, 117046	6.7	26
120	Influence of Nano Silica Particles on Durability of Flax Fabric Reinforced Geopolymer Composites. *Materials*, **2019**, 12,	3.5	22
119	Effect of Nano Alumina on Compressive Strength and Microstructure of High Volume Slag and Slag-Fly Ash Blended Pastes. *Frontiers in Materials*, **2019**, 6,	4	12
118	Mechanical properties and behaviour of high-strength plain and hybrid-fiber reinforced geopolymer composites under dynamic splitting tension. *Cement and Concrete Composites*, **2019**, 104, 103343	8.6	29

117	Effect of cooling on the residual mechanical properties and cracking of plain and fibrous geopolymer concretes at elevated temperatures. *Structural Concrete*, **2019**, 20, 1583-1595	2.6	3
116	Effect of nano silica on compressive strength and microstructures of high volume blast furnace slag and high volume blast furnace slag-fly ash blended pastes. *Sustainable Materials and Technologies*, **2019**, 20, e00111	5.3	9
115	Pullout Behavior of Hook End Steel Fibers in Geopolymers. *Journal of Materials in Civil Engineering*, **2019**, 31, 04019068	3	7
114	Effect of fly ash on compressive strength and chloride binding of seawater-mixed mortars. *Journal of Sustainable Cement-Based Materials*, **2019**, 8, 275-289	3.6	10
113	Semi-green cementitious materials from waste granite by considering the environmental, economic, and health impacts: A review. *Structural Concrete*, **2019**, 20, 455-470	2.6	8
112	Behaviour of CFRP wrapped RC square columns under eccentric compressive loading. *Structures*, **2019**, 20, 309-323	3.4	8
111	Microscopic Investigation of Rate Dependence on Three-Point Notched-Tip Bending Sandstone. *Shock and Vibration*, **2019**, 2019, 1-12	1.1	1
110	Effect of Nanosilica on Mechanical Properties and Microstructure of PVA Fiber-Reinforced Geopolymer Composite (PVA-FRGC). *Materials*, **2019**, 12,	3.5	16
109	High Volume Slag and Slag-Fly Ash Blended Cement Pastes Containing Nano Silica. *Materials Science Forum*, **2019**, 967, 205-213	0.4	1
108	Behavior of fly ash geopolymer as fire resistant coating for timber. *Journal of Sustainable Cement-Based Materials*, **2019**, 8, 259-274	3.6	10
107	Experimental evaluation of quasi-static and dynamic compressive properties of ambient-cured high-strength plain and fiber reinforced geopolymer composites. *Construction and Building Materials*, **2018**, 166, 482-499	6.7	37
106	Effects of silica fume fineness on mechanical properties of steel fiber reinforced lightweight concretes subjected to ambient and elevated temperatures exposure. *Structural Concrete*, **2018**, 19, 1829-1837	2.6	7
105	Effect of Cracking on Corrosion of Steel in Concrete. *International Journal of Concrete Structures and Materials*, **2018**, 12,	2.8	38
104	Comparative strain and deflection hardening behaviour of polyethylene fibre reinforced ambient air and heat cured geopolymer composites. *Construction and Building Materials*, **2018**, 163, 890-900	6.7	38
103	Mechanical properties of ambient cured high strength hybrid steel and synthetic fibers reinforced geopolymer composites. *Cement and Concrete Composites*, **2018**, 85, 133-152	8.6	59
102	Effects of fly ash fineness, nano silica, and curing types on mechanical and durability properties of fly ash mortars. *Structural Concrete*, **2018**, 19, 597-607	2.6	16
101	High-performance natural fiber□einforced cement composites **2018**, 277-305		2
100	Mechanical properties of ambient cured high-strength plain and hybrid fiber reinforced geopolymer composites from triaxial compressive tests. *Construction and Building Materials*, **2018**, 185, 338-353	6.7	27

99	Flexural Behavior of Hybrid PVA Fiber and AR-Glass Textile Reinforced Geopolymer Composites. *Fibers*, **2018**, 6, 2	3.7	13
98	Strain Hardening Behaviour of Polyethylene Fibre Reinforced Ambient Air Cured Geopolymer Composite. *RILEM Bookseries*, **2018**, 162-171	0.5	0
97	Effect of nano silica and fine silica sand on compressive strength of sodium and potassium activators synthesised fly ash geopolymer at elevated temperatures. *Fire and Materials*, **2018**, 42, 324-335	1.8	8
96	Effects of Curing Conditions and Sand-to-Binder Ratios on Compressive Strength Development of Fly Ash Geopolymer. *Journal of Materials in Civil Engineering*, **2018**, 30, 04017267	3	17
95	Mechanical properties of concrete containing recycled coarse aggregate at and after exposure to elevated temperatures. *Structural Concrete*, **2018**, 19, 400-410	2.6	16
94	Effect of mixing methods of nano silica on properties of recycled aggregate concrete. *Structural Concrete*, **2018**, 19, 387-399	2.6	42
93	Effect of fly ash on tensile properties of ultra-high performance fiber reinforced cementitious composites (UHP-FRCC). *Journal of Sustainable Cement-Based Materials*, **2018**, 7, 357-371	3.6	12
92	Effects of slag content on the residual mechanical properties of ambient air-cured geopolymers exposed to elevated temperatures. *Journal of Asian Ceramic Societies*, **2018**, 6, 342-358	2.4	12
91	Mechanical and Durability Properties of Green Star Concretes. *Buildings*, **2018**, 8, 111	3.2	4
90	Flexural behavior of hybrid PVA fibers reinforced ferrocement panels at elevated temperatures. *Fire and Materials*, **2018**, 42, 782-793	1.8	3
89	Advances in geopolymer composites with natural reinforcement **2018**, 461-474		1
88	Behaviour of Carbon and Basalt Fibres Reinforced Fly Ash Geopolymer at Elevated Temperatures. *International Journal of Concrete Structures and Materials*, **2018**, 12,	2.8	30
87	The ASR mechanism of reactive aggregates in concrete and its mitigation by fly ash: A critical review. *Construction and Building Materials*, **2018**, 171, 743-758	6.7	58
86	Effect of nanoclay on durability and mechanical properties of flax fabric reinforced geopolymer composites. *Journal of Asian Ceramic Societies*, **2017**, 5, 62-70	2.4	44
85	Soundness and compressive strength of Portland cement blended with ground granulated ferronickel slag. *Construction and Building Materials*, **2017**, 140, 194-202	6.7	73
84	Chemically-Treated Hemp Fabric and Calcined Nanoclay Reinforced Cement Nanocomposites: Microstructures, Physical, Mechanical and Thermal Properties. *Springer Briefs in Molecular Science*, **2017**, 55-76	0.6	1
83	Microstructure and Nanoscaled Characterization of HVFA Cement Paste Containing Nano-SiO2 and Nano-CaCO3. *Journal of Materials in Civil Engineering*, **2017**, 29, 04017063	3	20
82	Effect of the Fibre Geometry on Pull-out Behaviour of HVFA Mortar Containing Nanosilica. *Procedia Engineering*, **2017**, 171, 1535-1541		1

81	Effects of steel fibre and silica fume on impact behaviour of recycled aggregate concrete. *Journal of Sustainable Cement-Based Materials*, **2017**, 6, 54-68	3.6	32
80	Mechanical properties of recycled aggregate concrete containing ternary blended cementitious materials. *International Journal of Sustainable Built Environment*, **2017**, 6, 536-543		10
79	Ductile fibre reinforced cementitious composites (DFRCC) for improved corrosion durability of reinforced concrete columns. *AIMS Materials Science*, **2017**, 4, 1078-1094	1.9	2
78	Experimental Study on Time-Dependent Behavior of Cracked UHP-FRCC Under Sustained Loads. *RILEM Bookseries*, **2017**, 101-109	0.5	3
77	Nanoclay and Calcined Nanoclay-Cement Matrix: Microstructres, Physical, Mechanical and Thermal Properties. *Springer Briefs in Molecular Science*, **2017**, 37-54	0.6	
76	Durability of Naoh-Treated Hemp Fabric and Calcined Nanoclay-Reinforced Cement Nanocomposites. *Springer Briefs in Molecular Science*, **2017**, 77-88	0.6	
75	Effects of Superplasticizer Types and Mixing Methods of Nanoparticles on Compressive Strengths of Cement Pastes. *Journal of Materials in Civil Engineering*, **2016**, 28, 06015008	3	14
74	Synthesis of high strength ambient cured geopolymer composite by using low calcium fly ash. *Construction and Building Materials*, **2016**, 125, 809-820	6.7	118
73	Influence of mixing methods of nano silica on the microstructural and mechanical properties of flax fabric reinforced geopolymer composites. *Construction and Building Materials*, **2016**, 123, 541-552	6.7	62
72	Compressive behaviour of sodium and potassium activators synthetized fly ash geopolymer at elevated temperatures: A comparative study. *Journal of Building Engineering*, **2016**, 8, 123-130	5.2	49
71	Mechanical and durability properties of fly ash geopolymer concrete containing recycled coarse aggregates. *International Journal of Sustainable Built Environment*, **2016**, 5, 277-287		128
70	Effect of calcined nanoclay on the durability of NaOH treated hemp fabric-reinforced cement nanocomposites. *Materials and Design*, **2016**, 92, 659-666	8.1	19
69	Matrix design of strain hardening fiber reinforced engineered geopolymer composite. *Composites Part B: Engineering*, **2016**, 89, 253-265	10	71
68	Effect of nano-clay on mechanical and thermal properties of geopolymerPeer review under responsibility of The Ceramic Society of Japan and the Korean Ceramic Society.View all notes. *Journal of Asian Ceramic Societies*, **2016**, 4, 19-28	2.4	87
67	Laboratory Simulation of Corrosion Damage in Reinforced Concrete. *International Journal of Concrete Structures and Materials*, **2016**, 10, 383-391	2.8	19
66	Effect of ultrafine fly ash on the properties of concretes containing construction and demolition wastes as coarse aggregates. *Structural Concrete*, **2016**, 17, 116-122	2.6	23
65	Properties of stabilized recycled plastic concretes made with three types of cement. *Structural Concrete*, **2016**, 17, 287-297	2.6	2
64	Effect of cooling methods on residual compressive strength and cracking behavior of fly ash concretes exposed at elevated temperatures. *Fire and Materials*, **2016**, 40, 335-350	1.8	14

63	Mechanical properties of steel fibre reinforced geopolymer concretes at elevated temperatures. *Construction and Building Materials*, **2016**, 114, 15-28	6.7	56
62	Effect of nano and micro-silica on bond behaviour of steel and polypropylene fibres in high volume fly ash mortar. *Construction and Building Materials*, **2016**, 115, 690-698	6.7	46
61	Characterizations of flax fabric reinforced nanoclay-geopolymer composites. *Composites Part B: Engineering*, **2016**, 95, 412-422	10	50
60	Compressive strength and durability properties of high volume fly ash (HVFA) concretes containing ultrafine fly ash (UFFA). *Construction and Building Materials*, **2015**, 82, 192-205	6.7	145
59	Compressive strength and durability of high-volume fly ash concrete reinforced with calcium carbonate nanoparticles **2015**, 275-307		5
58	Corrosion Durability of Reinforcing Steel in Cracked High-Performance Fiber-Reinforced Cementitious Composite Beams. *Journal of Materials in Civil Engineering*, **2015**, 27, 04014228	3	9
57	Tensile Strain Hardening Behavior of PVA Fiber-Reinforced Engineered Geopolymer Composite. *Journal of Materials in Civil Engineering*, **2015**, 27, 04015001	3	89
56	Characteristics of nanoclay and calcined nanoclay-cement nanocomposites. *Composites Part B: Engineering*, **2015**, 78, 174-184	10	85
55	Thermal and mechanical properties of NaOH treated hemp fabric and calcined nanoclay-reinforced cement nanocomposites. *Materials & Design*, **2015**, 80, 70-81		19
54	Effect of calcined nanoclay on microstructural and mechanical properties of chemically treated hemp fabric-reinforced cement nanocomposites. *Construction and Building Materials*, **2015**, 95, 882-891	6.7	26
53	Deflection hardening behaviour of jute strands reinforced lightweight cementitious composite. *Construction and Building Materials*, **2015**, 96, 102-111	6.7	12
52	Chloride induced corrosion durability of high volume fly ash concretes containing nano particles. *Construction and Building Materials*, **2015**, 99, 208-225	6.7	117
51	Characterisation of mechanical and thermal properties in flax fabric reinforced geopolymer composites. *Journal of Advanced Ceramics*, **2015**, 4, 272-281	10.7	48
50	Compressive strength of fly-ash-based geopolymer concrete at elevated temperatures. *Fire and Materials*, **2015**, 39, 174-188	1.8	76
49	Durability properties of high volume fly ash concrete containing nano-silica. *Materials and Structures/Materiaux Et Constructions*, **2015**, 48, 2431-2445	3.4	126
48	Effect of nano silica on properties of concretes containing recycled coarse aggregates. *Proceedings of Institution of Civil Engineers: Construction Materials*, **2015**, 168, 68-76	0.8	19
47	Synthesis of heat and ambient cured one-part geopolymer mixes with different grades of sodium silicate. *Ceramics International*, **2015**, 41, 5696-5704	5.1	180
46	Compressive strength and failure behaviour of fibre reinforced concrete at elevated temperatures. *Advances in Concrete Construction*, **2015**, 3, 283-293		20

45	Effect of micro-silica on mechanical and durability properties of high volume fly ash recycled aggregate concretes (HVFA-RAC). *Advances in Concrete Construction*, **2015**, 3, 317-331		8
44	Characteristics of hemp fabric reinforced nanoclay□ement nanocomposites. *Cement and Concrete Composites*, **2014**, 50, 27-35	8.6	53
43	Characterization of Cotton Fabric Reinforced Geopolymer Composites Modified with Portland Cement. *Ceramic Transactions*, **2014**, 155-167	0.1	1
42	Existence of Dividing Strength in Concrete Containing Recycled Coarse Aggregate. *Journal of Materials in Civil Engineering*, **2014**, 26, 784-788	3	13
41	Comparative deflection hardening behavior of short fiber reinforced geopolymer composites. *Construction and Building Materials*, **2014**, 70, 54-64	6.7	97
40	Fibre-reinforced geopolymer composites (FRGCs) for structural applications **2014**, 471-495		2
39	Mechanical properties of cotton fabric reinforced geopolymer composites at 200□1000 □C. *Journal of Advanced Ceramics*, **2014**, 3, 184-193	10.7	26
38	Mechanical and durability properties of high volume fly ash (HVFA) concrete containing calcium carbonate (CaCO3) nanoparticles. *Construction and Building Materials*, **2014**, 70, 309-321	6.7	210
37	A study on the effect of nano silica on compressive strength of high volume fly ash mortars and concretes. *Materials & Design*, **2014**, 60, 433-442		183
36	Synthesis and mechanical properties of cotton fabric reinforced geopolymer composites. *Composites Part B: Engineering*, **2014**, 60, 36-42	10	99
35	Effect of ultrafine fly ash on mechanical properties of high volume fly ash mortar. *Construction and Building Materials*, **2014**, 51, 278-286	6.7	78
34	Mechanical and thermal properties of ambient cured cotton fabric-reinforced fly ash-based geopolymer composites. *Ceramics International*, **2014**, 40, 14019-14028	5.1	40
33	Effect of water absorption on the mechanical properties of cotton fabric-reinforced geopolymer compositesPeer review under responsibility of The Ceramic Society of Japan and the Korean Ceramic Society.View all notes. *Journal of Asian Ceramic Societies*, **2014**, 2, 223-230	2.4	145
32	Fibre-reinforced geopolymer composites (FRGCs) for structural applications **2014**, 569-593		3
31	Effect of Nano-CaCO3 on Compressive Strength Development of High Volume Fly Ash Mortars and Concretes. *Journal of Advanced Concrete Technology*, **2014**, 12, 178-186	2.3	81
30	Advanced Composites with Natural Reinforcement. *Advances in Materials Science and Engineering*, **2014**, 2014, 1-2	1.5	
29	Effect of fabric orientation on mechanical properties of cotton fabric reinforced geopolymer composites. *Materials & Design*, **2014**, 57, 360-365		59
28	Thermal and mechanical properties of hemp fabric-reinforced nanoclay□ement nanocomposites. *Journal of Materials Science*, **2014**, 49, 1684-1694	4.3	52

27	Effects of alkali solutions on corrosion durability of geopolymer concrete. *Advances in Concrete Construction*, **2014**, 2, 109-123		53
26	Properties of Concrete Containing Recycled Fine Aggregate and Fly Ash. *Journal of Solid Waste Technology and Management*, **2014**, 40, 70-78	1.6	16
25	Deflection hardening behaviour of short fibre reinforced fly ash based geopolymer composites. *Materials & Design*, **2013**, 50, 674-682		102
24	Thermal and mechanical properties of cotton fabric-reinforced geopolymer composites. *Journal of Materials Science*, **2013**, 48, 6746-6752	4.3	51
23	Microstructures and mechanical properties of hemp fabric reinforced organoclay□ement nanocomposites. *Construction and Building Materials*, **2013**, 49, 298-307	6.7	52
22	Review of mechanical properties of short fibre reinforced geopolymer composites. *Construction and Building Materials*, **2013**, 43, 37-49	6.7	170
21	Characterisation of cotton fibre-reinforced geopolymer composites. *Composites Part B: Engineering*, **2013**, 50, 1-6	10	123
20	Properties of concrete containing recycled construction and demolition wastes as coarse aggregates. *Journal of Sustainable Cement-Based Materials*, **2013**, 2, 204-217	3.6	33
19	Effect of Nano Silica and Ultrafine Fly Ash on Compressive Strength of High Volume Fly Ash Mortar. *Applied Mechanics and Materials*, **2013**, 368-370, 1061-1065	0.3	16
18	Properties of Concrete Containing Construction and Demolition Wastes and Fly Ash. *Journal of Materials in Civil Engineering*, **2013**, 25, 1864-1870	3	31
17	Review of potential structural applications of hybrid fiber Engineered Cementitious Composites. *Construction and Building Materials*, **2012**, 36, 216-227	6.7	78
16	Role of commercial software in teaching finite element analysis at undergraduate level: a case study. *Engineering Education*, **2012**, 7, 2-6		5
15	Corrosion of Reinforcing Steel in Fiber Reinforced Cementitious Composites. *Journal of Advanced Concrete Technology*, **2011**, 9, 159-167	2.3	56
14	Strain hardening behavior of lightweight hybrid polyvinyl alcohol (PVA) fiber reinforced cement composites. *Materials and Structures/Materiaux Et Constructions*, **2011**, 44, 1179-1191	3.4	68
13	Lightweight concrete incorporating pumice based blended cement and aggregate: Mechanical and durability characteristics. *Construction and Building Materials*, **2011**, 25, 1186-1195	6.7	101
12	Mechanical and Durability Properties of Mortars Modified with Combined Polymer and Supplementary Cementitious Materials. *Journal of Materials in Civil Engineering*, **2011**, 23, 1311-1319	3	21
11	Corrosion durability of strain hardening fibre-reinforced cementitious composites. *Australian Journal of Civil Engineering*, **2010**, 8, 13-26	1.8	6
10	Tensile strain hardening behaviour of hybrid steel-polyethylene fibre reinforced cementitious composites. *Construction and Building Materials*, **2009**, 23, 96-106	6.7	122

9	Analytical Model for Tensile Strain Hardening and Multiple Cracking Behavior of Hybrid Fiber-Engineered Cementitious Composites. *Journal of Materials in Civil Engineering*, **2007**, 19, 527-539	3	57
8	Flexural responses of hybrid steel–polyethylene fiber reinforced cement composites containing high volume fly ash. *Construction and Building Materials*, **2007**, 21, 1088-1097	6.7	128
7	A review on durability properties of strain hardening fibre reinforced cementitious composites (SHFRCC). *Cement and Concrete Composites*, **2007**, 29, 365-376	8.6	80
6	Assessment of corrosion-induced damage and its effect on the structural behavior of RC beams containing supplementary cementitious materials. *Structural Control and Health Monitoring*, **2006**, 8, 69-77		5
5	Fiber Optic Sensing for Monitoring Corrosion-Induced Damage. *Structural Health Monitoring*, **2004**, 3, 165-176	4.4	30
4	Corrosion Durability and Structural Response of Functionally-Graded Concrete Beams. *Journal of Advanced Concrete Technology*, **2003**, 1, 307-316	2.3	61
3	A Comprehensive Review of Flexible Pavement Failures, Improvement Methods and its Disadvantages. *Key Engineering Materials*,879, 136-148	0.4	
2	Experimental studies on rheological, mechanical, and microstructure properties of self-compacting concrete containing perovskite nanomaterial. *Structural Concrete*,	2.6	15
1	Experimental and numerical study on structural behaviour of tyre-bale sandwich wall under different loading conditions. *Australian Journal of Structural Engineering*,1-18	1.4	0