Gui-jun Xian

List of Publications by Year
in descending order

139 papers	5,022 citations	101384 36 h-index	114278 63 g-index
139 all docs	139 docs citations	139 times ranked	2621 citing authors

#	Article	IF	Citations
1	Long-term durability of basalt- and glass-fibre reinforced polymer (BFRP/GFRP) bars in seawater and sea sand concrete environment. Construction and Building Materials, 2017, 139, 467-489.	3.2	359
2	Effect of sustained load and seawater and sea sand concrete environment on durability of basalt- and glass-fibre reinforced polymer (B/GFRP) bars. Corrosion Science, 2018, 138, 200-218.	3.0	205
3	Durability study on interlaminar shear behaviour of basalt-, glass- and carbon-fibre reinforced polymer (B/G/CFRP) bars in seawater sea sand concrete environment. Construction and Building Materials, 2017, 156, 985-1004.	3.2	192
4	Durability study of pultruded CFRP plates immersed in water and seawater under sustained bending: Water uptake and effects on the mechanical properties. Composites Part B: Engineering, 2015, 70, 138-148.	5.9	157
5	Hygrothermal effects on high VF pultruded unidirectional carbon/epoxy composites: Moisture uptake. Composites Part B: Engineering, 2009, 40, 41-49.	5.9	128
6	Thermal aging of an anhydride-cured epoxy resin. Polymer Degradation and Stability, 2015, 118, 111-119.	2.7	113
7	Combined effects of sustained bending loading, water immersion and fiber hybrid mode on the mechanical properties of carbon/glass fiber reinforced polymer composite. Composite Structures, 2022, 281, 115060.	3.1	104
8	Sliding wear of polyetherimide matrix composites. Wear, 2005, 258, 776-782.	1.5	103
9	Debonding of CFRP-to-steel joints with CFRP delamination. Composite Structures, 2016, 153, 12-20.	3.1	103
10	Effects of hydrothermal aging on carbon fibre/epoxy composites with different interfacial bonding strength. Construction and Building Materials, 2018, 161, 634-648.	3.2	103
11	Friction and wear of epoxy/TiO2 nanocomposites: Influence of additional short carbon fibers, Aramid and PTFE particles. Composites Science and Technology, 2006, 66, 3199-3209.	3.8	86
12	Grafting of nano-TiO2 onto flax fibers and the enhancement of the mechanical properties of the flax fiber and flax fiber/epoxy composite. Composites Part A: Applied Science and Manufacturing, 2015, 76, 172-180.	3.8	86
13	Effects of elevated temperatures on the mechanical properties of basalt fibers and BFRP plates. Construction and Building Materials, 2016, 127, 1029-1036.	3.2	86
14	Durability of an Epoxy Resin and Its Carbon Fiber- Reinforced Polymer Composite upon Immersion in Water, Acidic, and Alkaline Solutions. Polymers, 2020, 12, 614.	2.0	84
15	Effects of exposure to elevated temperatures and subsequent immersion in water or alkaline solution on the mechanical properties of pultruded BFRP plates. Composites Part B: Engineering, 2015, 77, 421-430.	5.9	82
16	Effect of surface modification of jute fiber on the mechanical properties and durability of jute fiberâ€reinforced epoxy composites. Polymer Composites, 2018, 39, E2519.	2.3	80
17	DMTA based investigation of hygrothermal ageing of an epoxy system used in rehabilitation. Journal of Applied Polymer Science, 2007, 104, 1084-1094.	1.3	77
18	Hygrothermal ageing of an epoxy adhesive used in FRP strengthening of concrete. Journal of Applied Polymer Science, 2008, 107, 2607-2617.	1.3	73

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19	Mechanical performance evolution and life prediction of prestressed CFRP plate exposed to hygrothermal and freeze-thaw environments. Composite Structures, 2022, 293, 115719.	3.1	70
20	The reinforcement efficiency of carbon nanotubes/shape memory polymer nanocomposites. Composites Part B: Engineering, 2013, 44, 508-516.	5.9	67
21	Effects of surface treatment of carbon fiber: Tensile property, surface characteristics, and bonding to epoxy. Polymer Composites, 2016, 37, 2921-2932.	2.3	67
22	Effects of water immersion on the bond behavior between CFRP plates and concrete substrate. Construction and Building Materials, 2015, 101, 326-337.	3.2	62
23	Long-term service evaluation of a pultruded carbon/glass hybrid rod exposed to elevated temperature, hydraulic pressure and fatigue load coupling. International Journal of Fatigue, 2020, 134, 105480.	2.8	62
24	Hygrothermal resistance of pultruded carbon, glass and carbon/glass hybrid fiber reinforced epoxy composites. Construction and Building Materials, 2022, 315, 125710.	3.2	59
25	Durability study of concrete-covered basalt fiber-reinforced polymer (BFRP) bars in marine environment. Composite Structures, 2020, 234, 111650.	3.1	58
26	Segmental relaxation of water-aged ambient cured epoxy. Polymer Degradation and Stability, 2007, 92, 1650-1659.	2.7	57
27	Mechanical property evolution and service life prediction of pultruded carbon/glass hybrid rod exposed in harsh oil-well condition. Composite Structures, 2020, 246, 112418.	3.1	57
28	Freezeâ€“thaw resistance of unidirectionalâ€fiberâ€reinforced epoxy composites. Journal of Applied Polymer Science, 2012, 123, 3781-3788.	1.3	52
29	Mechanical, low-velocity impact, and hydrothermal aging properties of flax/carbon hybrid composite plates. Polymer Testing, 2020, 90, 106759.	2.3	51
30	Effects of rod size and fiber hybrid mode on the interface shear strength of carbon/glass fiber composite rods exposed to freezing-thawing and outdoor environments. Journal of Materials Research and Technology, 2021, 14, 2812-2831.	2.6	50
31	Tension-tension fatigue performance of a large-diameter pultruded carbon/glass hybrid rod. International Journal of Fatigue, 2019, 120, 141-149.	2.8	47
32	Innovative compound-type anchorage system for a large-diameter pultruded carbon/glass hybrid rod for bridge cable. Materials and Structures/Materiaux Et Constructions, 2020, 53, 1.	1.3	47
33	Effects of adhesive property and thickness on the bond performance between carbon fiber reinforced polymer laminate and steel. Thin-Walled Structures, 2021, 158, 107176.	2.7	43
34	A synergistic effect of nano-Tio2 and graphite on the tribological performance of epoxy matrix composites. Journal of Applied Polymer Science, 2006, 102, 2391-2400.	1.3	42
35	Effect of fiber hybridization types on the mechanical properties of carbon/glass fiber reinforced polymer composite rod. Mechanics of Advanced Materials and Structures, 2022, 29, 6288-6300.	1.5	42
36	Mechanical properties of carbon/glass fiber reinforced polymer plates with sandwich structure exposed to freezing-thawing environment: Effects of water immersion, bending loading and fiber hybrid mode. Mechanics of Advanced Materials and Structures, 2023, 30, 814-834.	1.5	42

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37	An overview of structural-functional-integrated composites based on the hierarchical microstructures of plant fibers. Advanced Composites and Hybrid Materials, 2018, 1, 231-246.	9.9	39
38	Damping Performances of Carbon Nanotube Reinforced Cement Composite. Mechanics of Advanced Materials and Structures, 2015, 22, 224-232.	1.5	38
39	Reciprocating friction and wear performances of nanometer <scp>sizedâ€TiO₂</scp> filled epoxy composites. Polymer Composites, 2021, 42, 2061-2072.	2.3	38
40	Effects of thermal aging on the water uptake behavior of pultruded BFRP plates. Polymer Degradation and Stability, 2014, 110, 216-224.	2.7	37
41	Durability study of pultruded carbon fiber reinforced polymer plates subjected to water immersion. Advances in Structural Engineering, 2018, 21, 571-579.	1.2	37
42	Combined effects of temperature, hydraulic pressure and salty concentration on the water uptake and mechanical properties of a carbon/glass fibers hybrid rod in salty solutions. Polymer Testing, 2019, 76, 19-32.	2.3	37
43	Effect of nanoclay grafting onto flax fibers on the interfacial shear strength and mechanical properties of flax/epoxy composites. Polymer Composites, 2019, 40, 3482-3492.	2.3	36
44	Ageing of a thermosetting polyurethane and its pultruded carbon fiber plates subjected to seawater immersion. Construction and Building Materials, 2018, 165, 514-522.	3.2	35
45	Water uptake and interfacial shear strength of carbon/glass fiber hybrid composite rods under hygrothermal environments: effects of hybrid modes. Polymer Degradation and Stability, 2021, 193, 109723.	2.7	35
46	Tribological properties of micro- and nanoparticles-filled poly(etherimide) composites. Journal of Applied Polymer Science, 2006, 101, 1678-1686.	1.3	33
47	A novel anchorage system for CFRP cable: Experimental and numerical investigation. Composite Structures, 2018, 194, 555-563.	3.1	33
48	Outlook on ecologically improved composites for aviation interior and secondary structures. CEAS Aeronautical Journal, 2018, 9, 533-543.	0.9	33
49	Environmental Impacts of Glass- and Carbon-Fiber-Reinforced Polymer Bar-Reinforced Seawater and Sea Sand Concrete Beams Used in Marine Environments: An LCA Case Study. Polymers, 2021, 13, 154.	2.0	33
50	Effects of moisture ingress on the bond between carbon fiber and epoxy resin investigated with molecular dynamics simulation. Polymer Composites, 2018, 39, E2074.	2.3	32
51	Mechanical and Water Uptake Properties of Epoxy Nanocomposites with Surfactant-Modified Functionalized Multiwalled Carbon Nanotubes. Nanomaterials, 2021, 11, 1234.	1.9	32
52	Bond-slip behavior of fiber reinforced polymer strips-steel interface. Construction and Building Materials, 2017, 155, 250-258.	3.2	31
53	Combined effects of sustained tensile loading and elevated temperatures on the mechanical properties of pultruded BFRP plates. Construction and Building Materials, 2017, 150, 310-320.	3.2	31
54	Effect of moderately elevated temperatures on bond behaviour of CFRP-to-steel bonded joints using different adhesives. Construction and Building Materials, 2020, 241, 118057.	3.2	31

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55	Numerical modeling of moisture diffusion in an unidirectional fiberâ€reinforced polymer composite. Polymer Composites, 2019, 40, 401-413.	2.3	30
56	Effects of elevated temperature, hydraulic pressure and fatigue loading on the property evolution of a carbon/glass fiber hybrid rod. Polymer Testing, 2020, 90, 106761.	2.3	30
57	Numerical modelling of bond behaviour between steel and CFRP laminates with a ductile adhesive. International Journal of Adhesion and Adhesives, 2021, 104, 102753.	1.4	30
58	Effects of water or alkali solution immersion on the water uptake and physicomechanical properties of polyurethane. Polymer Engineering and Science, 2018, 58, 2276-2287.	1.5	29
59	Influence of immersion in water under hydraulic pressure on the interfacial shear strength of a unidirectional carbon/glass hybrid rod. Polymer Testing, 2018, 72, 164-171.	2.3	29
60	Mechanical property evolution and life prediction of carbon fiber and pultruded carbon fiber reinforced polymer plate exposed to elevated temperatures. Polymer Composites, 2020, 41, 5143-5155.	2.3	29
61	Comparative Study of the Durability Behaviors of Epoxy- and Polyurethane-Based CFRP Plates Subjected to the Combined Effects of Sustained Bending and Water/Seawater Immersion. Polymers, 2017, 9, 603.	2.0	28
62	Sliding wear of polyetherimide matrix composites. Wear, 2005, 258, 783-788.	1.5	27
63	Compression Behavior of Concrete Cylinders Externally Confined by Flax Fiber Reinforced Polymer Sheets. Advances in Structural Engineering, 2014, 17, 1825-1833.	1.2	27
64	Water Absorption, Hydrothermal Expansion, and Thermomechanical Properties of a Vinylester Resin for Fiber-Reinforced Polymer Composites Subjected to Water or Alkaline Solution Immersion. Polymers, 2019, 11, 505.	2.0	27
65	Durability study of a ramie-fiber reinforced phenolic composite subjected to water immersion. Fibers and Polymers, 2014, 15, 1029-1034.	1.1	26
66	Resistance of basalt fibers to elevated temperatures and water or alkaline solution immersion. Polymer Composites, 2018, 39, 2385-2393.	2.3	26
67	Experimental and numerical study of the CFRP-to-concrete bonded joints after water immersion. Composite Structures, 2019, 218, 95-106.	3.1	26
68	Effects of Freeze-Thaw Cycles on the Behavior of the Bond between CFRP Plates and Concrete Substrates. Journal of Composites for Construction, 2018, 22, .	1.7	25
69	Water Absorption and Distribution in a Pultruded Unidirectional Carbon/Glass Hybrid Rod under Hydraulic Pressure and Elevated Temperatures. Polymers, 2018, 10, 627.	2.0	25
70	Effects of Fiber Surface Grafting with Nano-Clay on the Hydrothermal Ageing Behaviors of Flax Fiber/Epoxy Composite Plates. Polymers, 2019, 11, 1278.	2.0	25
71	Conversion of mechanical work to interfacial tension in a nanoporous silica gel. Applied Physics Letters, 2008, 92, .	1.5	24
72	Water absorption and hygrothermal ageing of ultraviolet cured glassâ€fiber reinforced acrylate composites. Polymer Composites, 2012, 33, 1120-1128.	2.3	24

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73	Novel wedge-shaped bond anchorage system for pultruded CFRP plates. Materials and Structures/Materiaux Et Constructions, 2018, 51, 1.	1.3	24
74	Effects of the Pre-Consolidated Materials Manufacturing Method on the Mechanical Properties of Pultruded Thermoplastic Composites. Polymers, 2022, 14, 2246.	2.0	24
75	Effects of immersion and sustained bending on water absorption and thermomechanical properties of ultraviolet cured glass fiber-reinforced acylate polymer composites. Journal of Composite Materials, 2013, 47, 2275-2285.	1.2	23
76	Experimental and Modeling Study of the Evolution of Mechanical Properties of PAN-Based Carbon Fibers at Elevated Temperatures. Materials, 2019, 12, 724.	1.3	23
77	Combined effects of cyclic/sustained bending loading and water immersion on the interface shear strength of carbon/glass fiber reinforced polymer hybrid rods for bridge cable. Construction and Building Materials, 2022, 314, 125587.	3.2	23
78	Static and Cyclic Compressive Properties of Self-Compacting Concrete-Filled Flax Fiberâ€“Reinforced Polymer Tubes. Journal of Composites for Construction, 2016, 20, .	1.7	22
79	Effect of postcuring immersed in water under hydraulic pressure on fatigue performance of largeâ€diameter pultruded carbon/glass hybrid rod. Fatigue and Fracture of Engineering Materials and Structures, 2019, 42, 1148-1160.	1.7	22
80	Design optimization and experimental validation of a novel wedge-shaped bond anchorage system for prestressed CFRP plates. Polymer Testing, 2019, 75, 167-174.	2.3	22
81	Experimental Study on the Flexural Creep Behaviors of Pultruded Unidirectional Carbon/Glass Fiber-Reinforced Hybrid Bars. Materials, 2020, 13, 976.	1.3	22
82	Effect of Immersion in Water or Alkali Solution on the Structures and Properties of Epoxy Resin. Polymers, 2021, 13, 1902.	2.0	22
83	The influence of stacking sequence on the low-velocity impact response and damping behavior of carbon and flax fabric reinforced hybrid composites. Polymer Testing, 2021, 104, 107384.	2.3	21
84	Surface grafting of flax fibres with hydrous zirconia nanoparticles and the effects on the tensile and bonding properties. Journal of Composite Materials, 2016, 50, 627-635.	1.2	20
85	Effects of defect dimensions and putty properties on the burst performances of steel pipes wrapped with CFRP composites. International Journal of Pressure Vessels and Piping, 2020, 186, 104139.	1.2	20
86	Moisture absorption and desorption in a UV cured urethane acrylate adhesive based on radiation source. Journal of Applied Polymer Science, 2008, 107, 3654-3662.	1.3	19
87	Surface modification of ramie fibers with silanized CNTs through a simple spray-coating method. Cellulose, 2019, 26, 8165-8178.	2.4	18
88	Cohesive zone model prediction of debonding failure in CFRP-to-steel bonded interface with a ductile adhesive. Composites Science and Technology, 2022, 230, 109315.	3.8	18
89	Effect of fiber hybrid mode on the tensionâ€“tension fatigue performance for the pultruded carbon/glass fiber reinforced polymer composite rod. Engineering Fracture Mechanics, 2022, 260, 108208.	2.0	17
90	Cathodic disbondment resistance with reactive ethylene terpolymer blends. Progress in Organic Coatings, 2007, 60, 287-296.	1.9	16

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91	Influence of Elevated Temperature on the Mechanical and Thermal Performance of BFRP Rebar. , 2011, , 69-72.		16
92	Flexural fatigue behavior of a pultruded basalt fiber reinforced epoxy plate subjected to elevated temperatures exposure. Polymer Composites, 2018, 39, 1731-1741.	2.3	15
93	Durability of basalt fibers, glass fibers, and their reinforced polymer composites in artificial seawater. Polymer Composites, 2022, 43, 1961-1973.	2.3	15
94	Creep Behavior of Resin Matrix and Basalt Fiber Reinforced Polymer (BFRP) Plate at Elevated Temperatures. Journal of Composites Science, 2017, 1, 3.	1.4	14
95	Experimental investigation of the microstructures and tensile properties of polyacrylonitrile-based carbon fibers exposed to elevated temperatures in air. Journal of Engineered Fibers and Fabrics, 2019, 14, 155892501985001.	0.5	13
96	Influence of long-term outdoor exposure in a frigid zone on the CFRP-to-concrete bond behavior. Construction and Building Materials, 2019, 215, 462-474.	3.2	13
97	Grafting ramie fiber with carbon nanotube and its effect on the mechanical and interfacial properties of ramie/epoxy composites. Journal of Natural Fibers, 2019, 16, 388-403.	1.7	13
98	Life Cycle Assessment of Ramie Fiber Used for FRPs. Aerospace, 2018, 5, 81.	1.1	12
99	Durability of the Bond between CFRP and Concrete Exposed to Thermal Cycles. Materials, 2019, 12, 515.	1.3	11
100	Influence of Elevated Temperature Treatment on the Microstructures and Mechanical Properties of Carbon Fibers in Argon Environment. Journal of Materials Engineering and Performance, 2019, 28, 7804-7815.	1.2	11
101	Hybrid basalt/flax fibers reinforced polymer composites and their use in confinement of concrete cylinders. Advances in Structural Engineering, 2020, 23, 941-953.	1.2	11
102	Comparative study of the mechanical and wear performance of short carbon fibers and mineral particles (Wollastonite, CaSiO3) filled epoxy composites. Journal of Polymer Science, Part B: Polymer Physics, 2006, 44, 854-863.	2.4	10
103	Fabricating structural adhesive bonds with high electrical conductivity. International Journal of Adhesion and Adhesives, 2017, 74, 70-76.	1.4	10
104	Viscoelastic and electrical properties of RGO reinforced phenol formaldehyde nanocomposites. Journal of Applied Polymer Science, 2020, 137, 49211.	1.3	10
105	Effects of thermal expansion coefficients discrepancy on the CFRP and steel bonding. Construction and Building Materials, 2021, 269, 121356.	3.2	10
106	Effects of the combination of solid lubricants and short carbon fibers on the sliding performance of poly(ether imide) matrix composites. Journal of Applied Polymer Science, 2004, 94, 1428-1434.	1.3	9
107	Parametric Optmisation of Pin-assisted-melt Impregnation of Glass Fiber/Polypropylene by Taguchi Method. Journal of Composite Materials, 2006, 40, 2087-2097.	1.2	9
108	Effects of alternating temperatures and humidity on the moisture absorption and mechanical properties of ramie fiber reinforced phenolic plates. Polymer Composites, 2015, 36, 1590-1596.	2.3	9

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109	Durability study of ramie fiber fabric reinforced phenolic plates under humidity conditions. Science and Engineering of Composite Materials, 2016, 23, 45-52.	0.6	9
110	Grafting of nano-silica onto ramie fiber for enhanced mechanical and interfacial properties of ramie/epoxy composite. Journal of Zhejiang University: Science A, 2019, 20, 660-674.	1.3	9
111	Effect of thermal exposure on carbon fiber reinforced composites used in civil infrastructure rehabilitation. Composites Part A: Applied Science and Manufacturing, 2021, 149, 106570.	3.8	9
112	Thermal, mechanical, and adhesive properties of HDPE/reactive ethylene terpolymer blends. Journal of Applied Polymer Science, 2007, 104, 331-338.	1.3	8
113	PERFORMANCES OF CONCRETE-FILLED GFRP OR GFRP-STEEL CIRCULAR TUBES SUBJECTED TO FREEZE-THAW CYCLES. International Journal of Structural Stability and Dynamics, 2012, 12, 95-108.	1.5	8
114	Effects of water or alkali solution immersion on the water uptake and physicochemical properties of a pultruded carbon fiber reinforced polyurethane plate. Polymer Composites, 2019, 40, 738-748.	2.3	8
115	Enhancement of Tensile Properties of Flax Filaments through Mercerization under Sustained Tension. Polymers and Polymer Composites, 2014, 22, 203-208.	1.0	7
116	Hygrothermal Ageing of Basalt Fiber Reinforced Epoxy Composites. , 2011, , 356-359.		7
117	Surface Modification of Flax Fibers with Isocyanate and Its Effects on Fiber/Epoxy Interfacial Properties. Fibers and Polymers, 2020, 21, 2888-2895.	1.1	7
118	Mechanical, bonding and tribological performances of epoxyâ€based nanocomposite coatings with multiple fillers. Journal of Applied Polymer Science, 2022, 139, .	1.3	7
119	Energy dissipation behaviors of surface treated multi-walled carbon nanotubes-based nanofluid. Materials Letters, 2012, 66, 176-178.	1.3	6
120	Experimental Study on the Mechanical Properties of Basalt Fibres and Pultruded Bfrp Plates at Elevated Temperatures. Polymers and Polymer Composites, 2015, 23, 277-284.	1.0	6
121	Comprehensive Characterization of BFRP Applied in Civil Engineering. , 2011, , 65-68.		5
122	Enhancement in electrical conductivity and dynamic mechanical properties of resole resin with ZnO-RGO as nanofiller. Diamond and Related Materials, 2020, 108, 107934.	1.8	5
123	Effects of steel surface treatment with silanized carbon nanotubes on the bonding properties between steel and epoxy adhesive. Journal of Adhesion, 2023, 99, 297-319.	1.8	5
124	Effects of surface grafting of copper nanoparticles on the tensile and bonding properties of flax fibers. Science and Engineering of Composite Materials, 2017, 24, 651-660.	0.6	4
125	Shear Capacity of RC Beams Strengthened with Flax Fiber Sheets Grafted with Nano-TiO2. Materials, 2020, 13, 1430.	1.3	4
126	Acoustic emission monitoring of concrete columns and beams strengthened with fiber reinforced polymer sheets. Proceedings of SPIE, 2012, , .	0.8	3

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127	Effects of Adhesive Coating on the Hygrothermal Aging Performance of Pultruded CFRP Plates. Polymers, 2020, 12, 491.	2.0	3
128	Detection of slip for CFRP-concrete interface using stereovision method corrected by epipolar constraint. Structural Control and Health Monitoring, 2018, 25, e2212.	1.9	2
129	Effect of Temperature Variation and Pre-Sustained Loading on the Bond between Basalt FRP Sheets and Concrete. Materials, 2020, 13, 1530.	1.3	2
130	Mechanical analysis and parameter design of CFRP-Wrapped defected steel pipe. International Journal of Pressure Vessels and Piping, 2022, 197, 104653.	1.2	2
131	In-situ monitoring of curing and ageing effects in FRP plates using embedded FBG sensors. , 2010, , .		1
132	Thermomechanical properties of multiwalled carbon nanotube reinforced shape-memory polymer nanocomposite. Proceedings of SPIE, 2010, , .	0.8	1
133	Mechanical property enhancement of flax fibre-based green composites for civil structural application. International Journal of Sustainable Materials and Structural Systems, 2012, 1, 95.	0.2	1
134	Stereovision monitoring of deflection of concrete beam strengthened with ultraviolet-cured glass-fiber reinforced polymer in a destructive test. Journal of Low Frequency Noise Vibration and Active Control, 2020, 39, 650-664.	1.3	1
135	Biopolymers and Biocomposites. , 2020, , 231-275.		1
136	Environmental Durability of Natural Fiber Reinforced Unsaturated Polyester Composite. , 2013, , .		0
137	Environmental Degradation Behavior of Kenaf Fiber Mat Composite. , 2014, , .		0
138	4 Hygrothermal Aging of an Ultraviolet Cured Glassfiber Reinforced Acrylate Composite. , 2017, , 195-213.		0
139	Electrically Conductive Nanocomposite Coating for Strain and Health Monitoring. , 2011, , 260-263.		0