

Gui-jun Xian

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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. <i>Mechanics of Advanced Materials and Structures</i> , 2023, 30, 814-834.	2.6	42
2	Effects of steel surface treatment with silanized carbon nanotubes on the bonding properties between steel and epoxy adhesive. <i>Journal of Adhesion</i> , 2023, 99, 297-319.	3.0	5
3	Effect of fiber hybridization types on the mechanical properties of carbon/glass fiber reinforced polymer composite rod. <i>Mechanics of Advanced Materials and Structures</i> , 2022, 29, 6288-6300.	2.6	42
4	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. <i>Construction and Building Materials</i> , 2022, 314, 125587.	7.2	23
5	Hygrothermal resistance of pultruded carbon, glass and carbon/glass hybrid fiber reinforced epoxy composites. <i>Construction and Building Materials</i> , 2022, 315, 125710.	7.2	59
6	Effect of fiber hybrid mode on the tension–tension fatigue performance for the pultruded carbon/glass fiber reinforced polymer composite rod. <i>Engineering Fracture Mechanics</i> , 2022, 260, 108208.	4.3	17
7	Combined effects of sustained bending loading, water immersion and fiber hybrid mode on the mechanical properties of carbon/glass fiber reinforced polymer composite. <i>Composite Structures</i> , 2022, 281, 115060.	5.8	104
8	Durability of basalt fibers, glass fibers, and their reinforced polymer composites in artificial seawater. <i>Polymer Composites</i> , 2022, 43, 1961-1973.	4.6	15
9	Cohesive zone model prediction of debonding failure in CFRP-to-steel bonded interface with a ductile adhesive. <i>Composites Science and Technology</i> , 2022, 230, 109315.	7.8	18
10	Mechanical, bonding and tribological performances of epoxy-based nanocomposite coatings with multiple fillers. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	2.6	7
11	Mechanical analysis and parameter design of CFRP-Wrapped defected steel pipe. <i>International Journal of Pressure Vessels and Piping</i> , 2022, 197, 104653.	2.6	2
12	Mechanical performance evolution and life prediction of prestressed CFRP plate exposed to hygrothermal and freeze-thaw environments. <i>Composite Structures</i> , 2022, 293, 115719.	5.8	70
13	Effects of the Pre-Consolidated Materials Manufacturing Method on the Mechanical Properties of Pultruded Thermoplastic Composites. <i>Polymers</i> , 2022, 14, 2246.	4.5	24
14	Numerical modelling of bond behaviour between steel and CFRP laminates with a ductile adhesive. <i>International Journal of Adhesion and Adhesives</i> , 2021, 104, 102753.	2.9	30
15	Effects of thermal expansion coefficients discrepancy on the CFRP and steel bonding. <i>Construction and Building Materials</i> , 2021, 269, 121356.	7.2	10
16	Effects of adhesive property and thickness on the bond performance between carbon fiber reinforced polymer laminate and steel. <i>Thin-Walled Structures</i> , 2021, 158, 107176.	5.3	43
17	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. <i>Polymers</i> , 2021, 13, 154.	4.5	33
18	Reciprocating friction and wear performances of nanometer TiO_2 filled epoxy composites. <i>Polymer Composites</i> , 2021, 42, 2061-2072.	4.6	38

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19	Mechanical and Water Uptake Properties of Epoxy Nanocomposites with Surfactant-Modified Functionalized Multiwalled Carbon Nanotubes. <i>Nanomaterials</i> , 2021, 11, 1234.	4.1	32
20	Effect of Immersion in Water or Alkali Solution on the Structures and Properties of Epoxy Resin. <i>Polymers</i> , 2021, 13, 1902.	4.5	22
21	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. <i>Journal of Materials Research and Technology</i> , 2021, 14, 2812-2831.	5.8	50
22	Effect of thermal exposure on carbon fiber reinforced composites used in civil infrastructure rehabilitation. <i>Composites Part A: Applied Science and Manufacturing</i> , 2021, 149, 106570.	7.6	9
23	Water uptake and interfacial shear strength of carbon/glass fiber hybrid composite rods under hygrothermal environments: effects of hybrid modes. <i>Polymer Degradation and Stability</i> , 2021, 193, 109723.	5.8	35
24	The influence of stacking sequence on the low-velocity impact response and damping behavior of carbon and flax fabric reinforced hybrid composites. <i>Polymer Testing</i> , 2021, 104, 107384.	4.8	21
25	Stereovision monitoring of deflection of concrete beam strengthened with ultraviolet-cured glass-fiber reinforced polymer in a destructive test. <i>Journal of Low Frequency Noise Vibration and Active Control</i> , 2020, 39, 650-664.	2.9	1
26	Durability study of concrete-covered basalt fiber-reinforced polymer (BFRP) bars in marine environment. <i>Composite Structures</i> , 2020, 234, 111650.	5.8	58
27	Hybrid basalt/flax fibers reinforced polymer composites and their use in confinement of concrete cylinders. <i>Advances in Structural Engineering</i> , 2020, 23, 941-953.	2.4	11
28	Mechanical, low-velocity impact, and hydrothermal aging properties of flax/carbon hybrid composite plates. <i>Polymer Testing</i> , 2020, 90, 106759.	4.8	51
29	Effects of elevated temperature, hydraulic pressure and fatigue loading on the property evolution of a carbon/glass fiber hybrid rod. <i>Polymer Testing</i> , 2020, 90, 106761.	4.8	30
30	Mechanical property evolution and life prediction of carbon fiber and pultruded carbon fiber reinforced polymer plate exposed to elevated temperatures. <i>Polymer Composites</i> , 2020, 41, 5143-5155.	4.6	29
31	Viscoelastic and electrical properties of RGO reinforced phenol formaldehyde nanocomposites. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49211.	2.6	10
32	Mechanical property evolution and service life prediction of pultruded carbon/glass hybrid rod exposed in harsh oil-well condition. <i>Composite Structures</i> , 2020, 246, 112418.	5.8	57
33	Durability of an Epoxy Resin and Its Carbon Fiber- Reinforced Polymer Composite upon Immersion in Water, Acidic, and Alkaline Solutions. <i>Polymers</i> , 2020, 12, 614.	4.5	84
34	Effects of defect dimensions and putty properties on the burst performances of steel pipes wrapped with CFRP composites. <i>International Journal of Pressure Vessels and Piping</i> , 2020, 186, 104139.	2.6	20
35	Innovative compound-type anchorage system for a large-diameter pultruded carbon/glass hybrid rod for bridge cable. <i>Materials and Structures/Materiaux Et Constructions</i> , 2020, 53, 1.	3.1	47
36	Experimental Study on the Flexural Creep Behaviors of Pultruded Unidirectional Carbon/Glass Fiber-Reinforced Hybrid Bars. <i>Materials</i> , 2020, 13, 976.	2.9	22

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37	Effects of Adhesive Coating on the Hygrothermal Aging Performance of Pultruded CFRP Plates. <i>Polymers</i> , 2020, 12, 491.	4.5	3
38	Effect of moderately elevated temperatures on bond behaviour of CFRP-to-steel bonded joints using different adhesives. <i>Construction and Building Materials</i> , 2020, 241, 118057.	7.2	31
39	Long-term service evaluation of a pultruded carbon/glass hybrid rod exposed to elevated temperature, hydraulic pressure and fatigue load coupling. <i>International Journal of Fatigue</i> , 2020, 134, 105480.	5.7	62
40	Shear Capacity of RC Beams Strengthened with Flax Fiber Sheets Grafted with Nano-TiO ₂ . <i>Materials</i> , 2020, 13, 1430.	2.9	4
41	Effect of Temperature Variation and Pre-Sustained Loading on the Bond between Basalt FRP Sheets and Concrete. <i>Materials</i> , 2020, 13, 1530.	2.9	2
42	Surface Modification of Flax Fibers with Isocyanate and Its Effects on Fiber/Epoxy Interfacial Properties. <i>Fibers and Polymers</i> , 2020, 21, 2888-2895.	2.1	7
43	Enhancement in electrical conductivity and dynamic mechanical properties of resole resin with ZnO-RGO as nanofiller. <i>Diamond and Related Materials</i> , 2020, 108, 107934.	3.9	5
44	Biopolymers and Biocomposites. , 2020, , 231-275.		1
45	Surface modification of ramie fibers with silanized CNTs through a simple spray-coating method. <i>Cellulose</i> , 2019, 26, 8165-8178.	4.9	18
46	Experimental investigation of the microstructures and tensile properties of polyacrylonitrile-based carbon fibers exposed to elevated temperatures in air. <i>Journal of Engineered Fibers and Fabrics</i> , 2019, 14, 155892501985001.	1.0	13
47	Effects of Fiber Surface Grafting with Nano-Clay on the Hydrothermal Ageing Behaviors of Flax Fiber/Epoxy Composite Plates. <i>Polymers</i> , 2019, 11, 1278.	4.5	25
48	Grafting of nano-silica onto ramie fiber for enhanced mechanical and interfacial properties of ramie/epoxy composite. <i>Journal of Zhejiang University: Science A</i> , 2019, 20, 660-674.	2.4	9
49	Effect of nanoclay grafting onto flax fibers on the interfacial shear strength and mechanical properties of flax/epoxy composites. <i>Polymer Composites</i> , 2019, 40, 3482-3492.	4.6	36
50	Effect of postcuring immersed in water under hydraulic pressure on fatigue performance of large-diameter pultruded carbon/glass hybrid rod. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2019, 42, 1148-1160.	3.4	22
51	Influence of long-term outdoor exposure in a frigid zone on the CFRP-to-concrete bond behavior. <i>Construction and Building Materials</i> , 2019, 215, 462-474.	7.2	13
52	Design optimization and experimental validation of a novel wedge-shaped bond anchorage system for prestressed CFRP plates. <i>Polymer Testing</i> , 2019, 75, 167-174.	4.8	22
53	Water Absorption, Hydrothermal Expansion, and Thermomechanical Properties of a Vinylester Resin for Fiber-Reinforced Polymer Composites Subjected to Water or Alkaline Solution Immersion. <i>Polymers</i> , 2019, 11, 505.	4.5	27
54	Experimental and numerical study of the CFRP-to-concrete bonded joints after water immersion. <i>Composite Structures</i> , 2019, 218, 95-106.	5.8	26

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55	Experimental and Modeling Study of the Evolution of Mechanical Properties of PAN-Based Carbon Fibers at Elevated Temperatures. <i>Materials</i> , 2019, 12, 724.	2.9	23
56	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. <i>Polymer Testing</i> , 2019, 76, 19-32.	4.8	37
57	Durability of the Bond between CFRP and Concrete Exposed to Thermal Cycles. <i>Materials</i> , 2019, 12, 515.	2.9	11
58	Influence of Elevated Temperature Treatment on the Microstructures and Mechanical Properties of Carbon Fibers in Argon Environment. <i>Journal of Materials Engineering and Performance</i> , 2019, 28, 7804-7815.	2.5	11
59	Tension-tension fatigue performance of a large-diameter pultruded carbon/glass hybrid rod. <i>International Journal of Fatigue</i> , 2019, 120, 141-149.	5.7	47
60	Grafting ramie fiber with carbon nanotube and its effect on the mechanical and interfacial properties of ramie/epoxy composites. <i>Journal of Natural Fibers</i> , 2019, 16, 388-403.	3.1	13
61	Effects of water or alkali solution immersion on the water uptake and physicochemical properties of a pultruded carbon fiber reinforced polyurethane plate. <i>Polymer Composites</i> , 2019, 40, 738-748.	4.6	8
62	Numerical modeling of moisture diffusion in an unidirectional fiber-reinforced polymer composite. <i>Polymer Composites</i> , 2019, 40, 401-413.	4.6	30
63	Effect of surface modification of jute fiber on the mechanical properties and durability of jute fiber-reinforced epoxy composites. <i>Polymer Composites</i> , 2018, 39, E2519.	4.6	80
64	Effects of Freeze-Thaw Cycles on the Behavior of the Bond between CFRP Plates and Concrete Substrates. <i>Journal of Composites for Construction</i> , 2018, 22, .	3.2	25
65	Effects of water or alkali solution immersion on the water uptake and physicomechanical properties of polyurethane. <i>Polymer Engineering and Science</i> , 2018, 58, 2276-2287.	3.1	29
66	A novel anchorage system for CFRP cable: Experimental and numerical investigation. <i>Composite Structures</i> , 2018, 194, 555-563.	5.8	33
67	Effect of sustained load and seawater and sea sand concrete environment on durability of basalt- and glass-fibre reinforced polymer (B/GFRP) bars. <i>Corrosion Science</i> , 2018, 138, 200-218.	6.6	205
68	Ageing of a thermosetting polyurethane and its pultruded carbon fiber plates subjected to seawater immersion. <i>Construction and Building Materials</i> , 2018, 165, 514-522.	7.2	35
69	Effects of hydrothermal aging on carbon fibre/epoxy composites with different interfacial bonding strength. <i>Construction and Building Materials</i> , 2018, 161, 634-648.	7.2	103
70	An overview of structural-functional-integrated composites based on the hierarchical microstructures of plant fibers. <i>Advanced Composites and Hybrid Materials</i> , 2018, 1, 231-246.	21.1	39
71	Outlook on ecologically improved composites for aviation interior and secondary structures. <i>CEAS Aeronautical Journal</i> , 2018, 9, 533-543.	1.7	33
72	Flexural fatigue behavior of a pultruded basalt fiber reinforced epoxy plate subjected to elevated temperatures exposure. <i>Polymer Composites</i> , 2018, 39, 1731-1741.	4.6	15

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73	Resistance of basalt fibers to elevated temperatures and water or alkaline solution immersion. <i>Polymer Composites</i> , 2018, 39, 2385-2393.	4.6	26
74	Effects of moisture ingress on the bond between carbon fiber and epoxy resin investigated with molecular dynamics simulation. <i>Polymer Composites</i> , 2018, 39, E2074.	4.6	32
75	Durability study of pultruded carbon fiber reinforced polymer plates subjected to water immersion. <i>Advances in Structural Engineering</i> , 2018, 21, 571-579.	2.4	37
76	Novel wedge-shaped bond anchorage system for pultruded CFRP plates. <i>Materials and Structures/Materiaux Et Constructions</i> , 2018, 51, 1.	3.1	24
77	Influence of immersion in water under hydraulic pressure on the interfacial shear strength of a unidirectional carbon/glass hybrid rod. <i>Polymer Testing</i> , 2018, 72, 164-171.	4.8	29
78	Detection of slip for CFRP-concrete interface using stereovision method corrected by epipolar constraint. <i>Structural Control and Health Monitoring</i> , 2018, 25, e2212.	4.0	2
79	Water Absorption and Distribution in a Pultruded Unidirectional Carbon/Glass Hybrid Rod under Hydraulic Pressure and Elevated Temperatures. <i>Polymers</i> , 2018, 10, 627.	4.5	25
80	Life Cycle Assessment of Ramie Fiber Used for FRPs. <i>Aerospace</i> , 2018, 5, 81.	2.2	12
81	Effects of surface grafting of copper nanoparticles on the tensile and bonding properties of flax fibers. <i>Science and Engineering of Composite Materials</i> , 2017, 24, 651-660.	1.4	4
82	Fabricating structural adhesive bonds with high electrical conductivity. <i>International Journal of Adhesion and Adhesives</i> , 2017, 74, 70-76.	2.9	10
83	Long-term durability of basalt- and glass-fibre reinforced polymer (BFRP/GFRP) bars in seawater and sea sand concrete environment. <i>Construction and Building Materials</i> , 2017, 139, 467-489.	7.2	359
84	Durability study on interlaminar shear behaviour of basalt-, glass- and carbon-fibre reinforced polymer (B/G/CFRP) bars in seawater sea sand concrete environment. <i>Construction and Building Materials</i> , 2017, 156, 985-1004.	7.2	192
85	Bond-slip behavior of fiber reinforced polymer strips-steel interface. <i>Construction and Building Materials</i> , 2017, 155, 250-258.	7.2	31
86	Combined effects of sustained tensile loading and elevated temperatures on the mechanical properties of pultruded BFRP plates. <i>Construction and Building Materials</i> , 2017, 150, 310-320.	7.2	31
87	4 Hygrothermal Aging of an Ultraviolet Cured Glassfiber Reinforced Acrylate Composite. , 2017, , 195-213.		0
88	Creep Behavior of Resin Matrix and Basalt Fiber Reinforced Polymer (BFRP) Plate at Elevated Temperatures. <i>Journal of Composites Science</i> , 2017, 1, 3.	3.0	14
89	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. <i>Polymers</i> , 2017, 9, 603.	4.5	28
90	Effects of surface treatment of carbon fiber: Tensile property, surface characteristics, and bonding to epoxy. <i>Polymer Composites</i> , 2016, 37, 2921-2932.	4.6	67

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91	Static and Cyclic Compressive Properties of Self-Compacting Concrete-Filled Flax Fiber-Reinforced Polymer Tubes. <i>Journal of Composites for Construction</i> , 2016, 20, .	3.2	22
92	Debonding of CFRP-to-steel joints with CFRP delamination. <i>Composite Structures</i> , 2016, 153, 12-20.	5.8	103
93	Effects of elevated temperatures on the mechanical properties of basalt fibers and BFRP plates. <i>Construction and Building Materials</i> , 2016, 127, 1029-1036.	7.2	86
94	Durability study of ramie fiber fabric reinforced phenolic plates under humidity conditions. <i>Science and Engineering of Composite Materials</i> , 2016, 23, 45-52.	1.4	9
95	Surface grafting of flax fibres with hydrous zirconia nanoparticles and the effects on the tensile and bonding properties. <i>Journal of Composite Materials</i> , 2016, 50, 627-635.	2.4	20
96	Effects of alternating temperatures and humidity on the moisture absorption and mechanical properties of ramie fiber reinforced phenolic plates. <i>Polymer Composites</i> , 2015, 36, 1590-1596.	4.6	9
97	Experimental Study on the Mechanical Properties of Basalt Fibres and Pultruded Bfrp Plates at Elevated Temperatures. <i>Polymers and Polymer Composites</i> , 2015, 23, 277-284.	1.9	6
98	Damping Performances of Carbon Nanotube Reinforced Cement Composite. <i>Mechanics of Advanced Materials and Structures</i> , 2015, 22, 224-232.	2.6	38
99	Thermal aging of an anhydride-cured epoxy resin. <i>Polymer Degradation and Stability</i> , 2015, 118, 111-119.	5.8	113
100	Grafting of nano-TiO ₂ onto flax fibers and the enhancement of the mechanical properties of the flax fiber and flax fiber/epoxy composite. <i>Composites Part A: Applied Science and Manufacturing</i> , 2015, 76, 172-180.	7.6	86
101	Effects of exposure to elevated temperatures and subsequent immersion in water or alkaline solution on the mechanical properties of pultruded BFRP plates. <i>Composites Part B: Engineering</i> , 2015, 77, 421-430.	12.0	82
102	Effects of water immersion on the bond behavior between CFRP plates and concrete substrate. <i>Construction and Building Materials</i> , 2015, 101, 326-337.	7.2	62
103	Durability study of pultruded CFRP plates immersed in water and seawater under sustained bending: Water uptake and effects on the mechanical properties. <i>Composites Part B: Engineering</i> , 2015, 70, 138-148.	12.0	157
104	Enhancement of Tensile Properties of Flax Filaments through Mercerization under Sustained Tension. <i>Polymers and Polymer Composites</i> , 2014, 22, 203-208.	1.9	7
105	Effects of thermal aging on the water uptake behavior of pultruded BFRP plates. <i>Polymer Degradation and Stability</i> , 2014, 110, 216-224.	5.8	37
106	Durability study of a ramie-fiber reinforced phenolic composite subjected to water immersion. <i>Fibers and Polymers</i> , 2014, 15, 1029-1034.	2.1	26
107	Environmental Degradation Behavior of Kenaf Fiber Mat Composite. , 2014, , .		0
108	Compression Behavior of Concrete Cylinders Externally Confined by Flax Fiber Reinforced Polymer Sheets. <i>Advances in Structural Engineering</i> , 2014, 17, 1825-1833.	2.4	27

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109	The reinforcement efficiency of carbon nanotubes/shape memory polymer nanocomposites. Composites Part B: Engineering, 2013, 44, 508-516.	12.0	67
110	Environmental Durability of Natural Fiber Reinforced Unsaturated Polyester Composite. , 2013, , .		0
111	Effects of immersion and sustained bending on water absorption and thermomechanical properties of ultraviolet cured glass fiber-reinforced acrylate polymer composites. Journal of Composite Materials, 2013, 47, 2275-2285.	2.4	23
112	Acoustic emission monitoring of concrete columns and beams strengthened with fiber reinforced polymer sheets. Proceedings of SPIE, 2012, , .	0.8	3
113	Mechanical property enhancement of flax fibre-based green composites for civil structural application. International Journal of Sustainable Materials and Structural Systems, 2012, 1, 95.	0.1	1
114	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.	2.4	8
115	Water absorption and hygrothermal ageing of ultraviolet cured glass fiber reinforced acrylate composites. Polymer Composites, 2012, 33, 1120-1128.	4.6	24
116	Energy dissipation behaviors of surface treated multi-walled carbon nanotubes-based nanofluid. Materials Letters, 2012, 66, 176-178.	2.6	6
117	Freeze-thaw resistance of unidirectional fiber reinforced epoxy composites. Journal of Applied Polymer Science, 2012, 123, 3781-3788.	2.6	52
118	Comprehensive Characterization of BFRP Applied in Civil Engineering. , 2011, , 65-68.		5
119	Influence of Elevated Temperature on the Mechanical and Thermal Performance of BFRP Rebar. , 2011, , 69-72.		16
120	Hygrothermal Ageing of Basalt Fiber Reinforced Epoxy Composites. , 2011, , 356-359.		7
121	Electrically Conductive Nanocomposite Coating for Strain and Health Monitoring. , 2011, , 260-263.		0
122	In-situ monitoring of curing and ageing effects in FRP plates using embedded FBG sensors. , 2010, , .		1
123	Thermomechanical properties of multiwalled carbon nanotube reinforced shape-memory polymer nanocomposite. Proceedings of SPIE, 2010, , .	0.8	1
124	Hygrothermal effects on high VF pultruded unidirectional carbon/epoxy composites: Moisture uptake. Composites Part B: Engineering, 2009, 40, 41-49.	12.0	128
125	Hygrothermal ageing of an epoxy adhesive used in FRP strengthening of concrete. Journal of Applied Polymer Science, 2008, 107, 2607-2617.	2.6	73
126	Moisture absorption and desorption in a UV cured urethane acrylate adhesive based on radiation source. Journal of Applied Polymer Science, 2008, 107, 3654-3662.	2.6	19

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127	Conversion of mechanical work to interfacial tension in a nanoporous silica gel. Applied Physics Letters, 2008, 92, .	3.3	24
128	Thermal, mechanical, and adhesive properties of HDPE/reactive ethylene terpolymer blends. Journal of Applied Polymer Science, 2007, 104, 331-338.	2.6	8
129	DMTA based investigation of hygrothermal ageing of an epoxy system used in rehabilitation. Journal of Applied Polymer Science, 2007, 104, 1084-1094.	2.6	77
130	Segmental relaxation of water-aged ambient cured epoxy. Polymer Degradation and Stability, 2007, 92, 1650-1659.	5.8	57
131	Cathodic disbondment resistance with reactive ethylene terpolymer blends. Progress in Organic Coatings, 2007, 60, 287-296.	3.9	16
132	Comparative study of the mechanical and wear performance of short carbon fibers and mineral particles (Wollastonite, CaSiO ₃) filled epoxy composites. Journal of Polymer Science, Part B: Polymer Physics, 2006, 44, 854-863.	2.1	10
133	Friction and wear of epoxy/TiO ₂ nanocomposites: Influence of additional short carbon fibers, Aramid and PTFE particles. Composites Science and Technology, 2006, 66, 3199-3209.	7.8	86
134	Tribological properties of micro- and nanoparticles-filled poly(etherimide) composites. Journal of Applied Polymer Science, 2006, 101, 1678-1686.	2.6	33
135	A synergistic effect of nano-TiO ₂ and graphite on the tribological performance of epoxy matrix composites. Journal of Applied Polymer Science, 2006, 102, 2391-2400.	2.6	42
136	Parametric Optimisation of Pin-assisted-melt Impregnation of Glass Fiber/Polypropylene by Taguchi Method. Journal of Composite Materials, 2006, 40, 2087-2097.	2.4	9
137	Sliding wear of polyetherimide matrix composites. Wear, 2005, 258, 776-782.	3.1	103
138	Sliding wear of polyetherimide matrix composites. Wear, 2005, 258, 783-788.	3.1	27
139	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.	2.6	9