

Yiping Qiu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

136
papers

3,038
citations

30
h-index

47
g-index

140
ext. papers

3,734
ext. citations

5.5
avg, IF

5.74
L-index

#	Paper	IF	Citations
136	Three-dimensional woven structural glass fiber/polytetrafluoroethylene (PTFE) composite antenna with superb integrity and electromagnetic performance. <i>Composite Structures</i> , 2022 , 281, 115096	5.3	2
135	Structural modification of carbon nanotube film toward multifunctional composites via a wet-compression method. <i>Applied Nanoscience (Switzerland)</i> , 2021 , 11, 1817-1826	3.3	0
134	Multi-reflection-enhanced electromagnetic interference shielding performance of conductive nanocomposite coatings on fabrics. <i>Journal of Colloid and Interface Science</i> , 2021 , 590, 467-475	9.3	14
133	Epoxide Cross-Linked and Lysine-Blocked Zein Ultrafine Fibrous Scaffolds with Prominent Wet Stability and Cytocompatibility. <i>ACS Applied Polymer Materials</i> , 2021 , 3, 3855-3866	4.3	
132	Litter to Leaf: The Unexplored Potential of Silk Byproducts. <i>Trends in Biotechnology</i> , 2021 , 39, 706-718	15.1	3
131	Low-velocity drop weight impact behavior of Twaron® fabric investigated using experimental and numerical simulations. <i>International Journal of Impact Engineering</i> , 2021 , 149, 103796	4	5
130	Building effective core/shell polymer nanoparticles for epoxy composite toughening based on Hansen solubility parameters. <i>Nanotechnology Reviews</i> , 2021 , 10, 1183-1196	6.3	3
129	A numerical study on the influence of hole defects on impact behavior of Twaron® fabric subjected to low-velocity impacts. <i>Journal of Engineered Fibers and Fabrics</i> , 2021 , 16, 155892502110184	0.9	2
128	A numerical study on the low-velocity impact behavior of the Twaron® fabric subjected to oblique impact. <i>Reviews on Advanced Materials Science</i> , 2021 , 60, 980-994	4.8	3
127	Two-Way Reversible Shape Memory Properties of Benzoyl Peroxide Crosslinked Poly(ethylene-co-vinyl acetate) under Different Stress Conditions. <i>Macromolecular Materials and Engineering</i> , 2020 , 305, 1900825	3.9	2
126	Interfacial characteristics of a carbon nanotube-polyimide nanocomposite by molecular dynamics simulation. <i>Nanotechnology Reviews</i> , 2020 , 9, 136-145	6.3	30
125	A Comprehensive Study on the Mechanical Properties of Different 3D Woven Carbon Fiber-Epoxy Composites. <i>Materials</i> , 2020 , 13,	3.5	6
124	Tuning solid/air interface of porous graphene paper for enhanced electromagnetic interference shielding. <i>Journal of Materials Science</i> , 2020 , 55, 6598-6609	4.3	8
123	Multifunctional composite nanofibers with shape memory and piezoelectric properties for energy harvesting. <i>Journal of Intelligent Material Systems and Structures</i> , 2020 , 31, 956-966	2.3	7
122	Extraction and characterisation of natural cellulose fibers from <i>Kigelia africana</i> . <i>Carbohydrate Polymers</i> , 2020 , 236, 115996	10.3	30
121	Vanillin-Based Epoxy Vitrimer with High Performance and Closed-Loop Recyclability. <i>Macromolecules</i> , 2020 , 53, 621-630	5.5	83
120	Axial Alignment of Carbon Nanotubes on Fibers To Enable Highly Conductive Fabrics for Electromagnetic Interference Shielding. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 7477-7485	9.5	39

119	Benzoyl peroxide thermo-crosslinked poly(ethylene-co-vinyl acetate) foam with two-way shape memory effect. <i>Materials Letters</i> , 2020 , 264, 127343	3.3	4
118	High temperature carbon nanotube [Nanofiber hybrid filters. <i>Separation and Purification Technology</i> , 2020 , 236, 116255	8.3	9
117	Carbon nanotube yarn based thermoelectric textiles for harvesting thermal energy and powering electronics. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 2984-2994	13	56
116	Densely packed, highly strain sensitive carbon nanotube composites with sufficient polymer penetration. <i>Composites Part A: Applied Science and Manufacturing</i> , 2020 , 130, 105728	8.4	9
115	Flexible nanopositioning actuators based on functional nanocomposites. <i>Composites Science and Technology</i> , 2020 , 186, 107937	8.6	4
114	Reprocessable, Reworkable, and Mechanochromic Polyhexahydrotriazine Thermoset with Multiple Stimulus Responsiveness. <i>Polymers</i> , 2020 , 12,	4.5	2
113	Revealing Electrical-Poling-Induced Polarization Potential in Hybrid Perovskite Photodetectors. <i>Advanced Materials</i> , 2020 , 32, e2005481	24	12
112	An imine-containing epoxy vitrimer with versatile recyclability and its application in fully recyclable carbon fiber reinforced composites. <i>Composites Science and Technology</i> , 2020 , 199, 108314	8.6	36
111	Three-dimensional rope-like and cloud-like nanofibrous scaffolds facilitating in-depth cell infiltration developed using a highly conductive electrospinning system. <i>Nanoscale</i> , 2020 , 12, 16690-16698	7.7	3
110	Interlaminar Fracture Toughness of Carbon-Fiber-Reinforced Epoxy Composites Toughened by Poly(phenylene oxide) Particles. <i>ACS Applied Polymer Materials</i> , 2020 , 2, 3114-3121	4.3	9
109	Impressive epoxy toughening by a structure-engineered core/shell polymer nanoparticle. <i>Composites Science and Technology</i> , 2020 , 199, 108364	8.6	14
108	Modelling and Prediction of Stress Relaxation for Thermal Bonded Nonwoven Geotextiles. <i>Fibers and Polymers</i> , 2020 , 21, 1611-1617	2	
107	Two-way reversible shape memory polymer: Synthesis and characterization of benzoyl peroxide-crosslinked poly(ethylene-co-vinyl acetate). <i>Materials Letters</i> , 2020 , 258, 126762	3.3	11
106	Evaluating the interfacial properties of wrinkled graphene fiber through single-fiber fragmentation tests. <i>Journal of Materials Science</i> , 2020 , 55, 1023-1034	4.3	6
105	A Comparative Study on Interlaminar Properties of L-shaped Two-Dimensional (2D) and Three-Dimensional (3D) Woven Composites. <i>Applied Composite Materials</i> , 2019 , 26, 723-744	2	11
104	Hierarchical assembly of silver and gold nanoparticles in two-dimension: Toward fluorescence enhanced detection platforms. <i>Applied Surface Science</i> , 2019 , 476, 1072-1078	6.7	4
103	Multi-layer graphene oxide coated shape memory polyurethane for adjustable smart switches. <i>Composites Science and Technology</i> , 2019 , 172, 108-116	8.6	13
102	A novel liquid imidazole-copper (II) complex as a thermal latent curing agent for epoxy resins. <i>Polymer</i> , 2019 , 178, 121586	3.9	18

101	Core-Sheath Porous Polyaniline Nanorods/Graphene Fiber-Shaped Supercapacitors with High Specific Capacitance and Rate Capability. <i>ACS Applied Energy Materials</i> , 2019 , 2, 4335-4344	6.1	39
100	Bending properties and failure mechanisms of three-dimensional hybrid woven spacer composites with glass and carbon fibers. <i>Textile Research Journal</i> , 2019 , 89, 4502-4511	1.7	5
99	Highly aligned nonwoven vapor grown carbon fibre based polyurethane fibrous membrane for direction-dependent microwave shielding. <i>Materials Letters</i> , 2019 , 245, 98-102	3.3	2
98	Highly tough and strain sensitive plasma functionalized carbon nanotube/epoxy composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2019 , 121, 123-129	8.4	20
97	Fabrication of gradient vapor grown carbon fiber based polyurethane foam for shape memory driven microwave shielding.. <i>RSC Advances</i> , 2019 , 9, 9401-9409	3.7	10
96	Fabrication of core-shell structured poly(3,4-ethylenedioxythiophene)/carbon nanotube hybrids with enhanced thermoelectric power factors. <i>Carbon</i> , 2019 , 148, 290-296	10.4	33
95	The Failure Mechanism of Composite Stiffener Components Reinforced with 3D Woven Fabrics. <i>Materials</i> , 2019 , 12,	3.5	11
94	Sustained Local Delivery of Diclofenac from Three-Dimensional Ultrafine Fibrous Protein Scaffolds with Ultrahigh Drug Loading Capacity. <i>Nanomaterials</i> , 2019 , 9,	5.4	2
93	Fast-curing halogen-free flame-retardant epoxy resins and their application in glass fiber-reinforced composites. <i>Textile Research Journal</i> , 2019 , 89, 3700-3707	1.7	3
92	Shape memory driving thickness-adjustable G@SMPU sponge with ultrahigh carbon loading ratio for excellent microwave shielding performance. <i>Materials Letters</i> , 2019 , 236, 116-119	3.3	6
91	Quasi-static and dynamic interfacial evaluations of plasma functionalized carbon nanotube fiber. <i>Applied Surface Science</i> , 2019 , 465, 795-801	6.7	13
90	Flexible ultra-thin Fe ₃ O ₄ /MnO ₂ core-shell decorated CNT composite with enhanced electromagnetic wave absorption performance. <i>Composites Part B: Engineering</i> , 2018 , 144, 111-117	10	54
89	Synergistic effect of CNT films impregnated with CNT modified epoxy solution towards boosted interfacial bonding and functional properties of the composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2018 , 110, 1-10	8.4	26
88	Influence of graphene oxide with different oxidation levels on the properties of epoxy composites. <i>Composites Science and Technology</i> , 2018 , 161, 74-84	8.6	63
87	Flexible strain sensor based on aerogel-spun carbon nanotube yarn with a core-sheath structure. <i>Composites Part A: Applied Science and Manufacturing</i> , 2018 , 108, 107-113	8.4	35
86	Microbuckling-Enhanced Electromagnetic-Wave-Absorbing Capability of a Stretchable Fe ₃ O ₄ /Carbon Nanotube/Poly(dimethylsiloxane) Composite Film. <i>ACS Applied Nano Materials</i> , 2018 , 1, 2227-2236	5.6	13
85	High-Loading Carbon Nanotube/Polymer Nanocomposite Fabric Coatings Obtained by Capillarity-Assisted Excess Assembly For Electromagnetic Interference Shielding. <i>Advanced Materials Interfaces</i> , 2018 , 5, 1800116	4.6	26
84	Electromagnetic performance and impact damage of the microstrip antennas integrated in cylindrical three dimensional woven composite structures. <i>Polymer Composites</i> , 2018 , 39, 3259-3267	3	4

83	Preparation, structure, and properties of melt spun cellulose acetate butyrate fibers. <i>Textile Reseach Journal</i> , 2018 , 88, 1491-1504	1.7	10
82	Effects of Kevlar volume fraction and fabric structures on the mechanical properties of 3D orthogonal woven ramie/Kevlar reinforced poly (lactic acid) composites. <i>Journal of Industrial Textiles</i> , 2018 , 47, 2074-2091	1.6	5
81	X-ray 3D microscopy analysis of fracture mechanisms for 3D orthogonal woven E-glass/epoxy composites with drilled and moulded-in holes. <i>Composites Part B: Engineering</i> , 2018 , 133, 193-202	10	26
80	Effects of Graphene-Oxide-Modified Coating on the Properties of Carbon-Fiber-Reinforced Polypropylene Composites. <i>Coatings</i> , 2018 , 8, 149	2.9	3
79	A One-Component, Fast-Cure, and Economical Epoxy Resin System Suitable for Liquid Molding of Automotive Composite Parts. <i>Materials</i> , 2018 , 11,	3.5	13
78	Micromechanical modeling of water-induced interfacial failure of ramie fiber reinforced thermoplastic composites. <i>Composite Structures</i> , 2018 , 203, 259-266	5.3	6
77	Enhanced electrochemical properties of hierarchically sheath-core aligned carbon nanofibers coated carbon fiber yarn electrode-based supercapacitor via polyaniline nanowire array modification. <i>Journal of Power Sources</i> , 2018 , 399, 406-413	8.9	44
76	Effects of Styrene-Acrylic Sizing on the Mechanical Properties of Carbon Fiber Thermoplastic Towpregs and Their Composites. <i>Molecules</i> , 2018 , 23,	4.8	11
75	Thermoelectric Properties of Conducting Polymer Nanowire-Tellurium Nanowire Composites. <i>ACS Applied Energy Materials</i> , 2018 , 1, 4883-4890	6.1	31
74	Fluorescence-enhanced bio-detection platforms obtained through controlled "step-by-step" clustering of silver nanoparticles. <i>Nanoscale</i> , 2018 , 10, 848-855	7.7	21
73	Thermoelectric transport in ultrathin poly(3,4-ethylenedioxythiophene) nanowire assembly. <i>Composites Part B: Engineering</i> , 2018 , 136, 234-240	10	33
72	Hierarchically porous sheath-core graphene-based fiber-shaped supercapacitors with high energy density. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 896-907	13	62
71	Analyzing effects of interfaces on recovery rates of shape memory composites from the perspective of molecular motions. <i>Composites Science and Technology</i> , 2018 , 163, 105-115	8.6	13
70	Smart composites of piezoelectric particles and shape memory polymers for actuation and nanopositioning. <i>Composites Science and Technology</i> , 2018 , 163, 123-132	8.6	15
69	Improving mechanical properties of ramie/poly (lactic acid) composites by synergistic effect of fabric cyclic loading and alkali treatment. <i>Journal of Industrial Textiles</i> , 2017 , 47, 390-407	1.6	7
68	Influence of He/O ₂ atmospheric pressure plasma pretreatment on sizing adhesion strength and breaking elongation of sized cotton rovings. <i>Textile Reseach Journal</i> , 2017 , 87, 682-693	1.7	5
67	Electromagnetic performance of a three-dimensional woven fabric antenna conformal with cylindrical surfaces. <i>Textile Reseach Journal</i> , 2017 , 87, 147-154	1.7	17
66	Characterization of enhanced interfacial bonding between epoxy and plasma functionalized carbon nanotube films. <i>Composites Science and Technology</i> , 2017 , 145, 114-121	8.6	44

65	Influence of cryogenic treatment on mechanical and interfacial properties of carbon nanotube fiber/bisphenol-F epoxy composite. <i>Composites Part B: Engineering</i> , 2017 , 125, 195-202	10	42
64	Filtration properties of carbon woven fabric filters supplied with high voltage for removal of PM 1.0 particles. <i>Separation and Purification Technology</i> , 2017 , 177, 40-48	8.3	17
63	Antimicrobial three dimensional woven filters containing silver nanoparticle doped nanofibers in a membrane bioreactor for wastewater treatment. <i>Separation and Purification Technology</i> , 2017 , 175, 130-139	8.3	25
62	Simulation and experimental study of double-element antennas based on a three-dimensional woven structure with various curvature radii. <i>Textile Reseach Journal</i> , 2017 , 87, 216-223	1.7	3
61	Effect of thermal treatments on structures and mechanical properties of aerogel-spun carbon nanotube fibers. <i>Materials Letters</i> , 2016 , 183, 117-121	3.3	17
60	Interfacial strength and debonding mechanism between aerogel-spun carbon nanotube yarn and polyphenylene sulfide. <i>Composites Part A: Applied Science and Manufacturing</i> , 2016 , 88, 98-105	8.4	18
59	Effect of atmospheric pressure plasma treatment condition on adhesion of ramie fibers to polypropylene for composite. <i>Applied Surface Science</i> , 2016 , 364, 294-301	6.7	9
58	Synthesis and filtration properties of polyimide nanofiber membrane/carbon woven fabric sandwiched hot gas filters for removal of PM 2.5 particles. <i>Powder Technology</i> , 2016 , 292, 54-63	5.2	80
57	Filtration performance of three dimensional fabric filter in a membrane bioreactor for wastewater treatment. <i>Separation and Purification Technology</i> , 2016 , 157, 17-26	8.3	9
56	Dye aggregation in layer-by-layer dyeing of cotton fabrics. <i>RSC Advances</i> , 2016 , 6, 20286-20293	3.7	7
55	A novel flexible humidity switch material based on multi-walled carbon nanotube/polyvinyl alcohol composite yarn. <i>Sensors and Actuators B: Chemical</i> , 2016 , 230, 528-535	8.5	44
54	Simulation and electromagnetic performance of cylindrical two-element microstrip antenna array integrated in 3D woven glass fiber/epoxy composites. <i>Materials and Design</i> , 2016 , 89, 1048-1056	8.1	12
53	Step-by-Step Strategy for Constructing Multilayer Structured Coatings toward High-Efficiency Electromagnetic Interference Shielding. <i>Advanced Materials Interfaces</i> , 2016 , 3, 1500476	4.6	53
52	Comparing effects of thermal annealing and chemical reduction treatments on properties of wet-spun graphene fibers. <i>Journal of Materials Science</i> , 2016 , 51, 9889-9901	4.3	16
51	Hydrophobic surface modification of ramie fibers by plasma-induced addition polymerization of propylene. <i>Journal of Adhesion Science and Technology</i> , 2015 , 29, 691-704	2	7
50	Cylindrical conformal single-patch microstrip antennas based on three dimensional woven glass fiber/epoxy resin composites. <i>Composites Part B: Engineering</i> , 2015 , 78, 331-337	10	17
49	Crosslinking biopolymers for biomedical applications. <i>Trends in Biotechnology</i> , 2015 , 33, 362-9	15.1	337
48	In-plane mechanical properties of carbon nanotube films fabricated by floating catalyst chemical vapor decomposition. <i>Journal of Materials Science</i> , 2015 , 50, 8166-8174	4.3	17

47	Superhydrophobization of cotton fabric with multiwalled carbon nanotubes for durable electromagnetic interference shielding. <i>Fibers and Polymers</i> , 2015 , 16, 2158-2164	2	37
46	Fabrication and property of discarded denim fabric/polypropylene composites. <i>Journal of Industrial Textiles</i> , 2015 , 44, 798-812	1.6	9
45	Mechanical, electrical and thermal properties of aligned carbon nanotube/polyimide composites. <i>Composites Part B: Engineering</i> , 2014 , 56, 408-412	10	164
44	Comparison of polyelectrolyte and sodium dodecyl benzene sulfonate as dispersants for multiwalled carbon nanotubes on cotton fabrics for electromagnetic interference shielding. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	13
43	Synthesis and characterization of LiFePO ₄ -carbon nanofiber with Ti ⁴⁺ substitution by electrospinning and thermal treatment. <i>Solid State Ionics</i> , 2014 , 267, 74-79	3.3	6
42	Helium plasma treatment voltage effect on adhesion of ramie fibers to polybutylene succinate. <i>Industrial Crops and Products</i> , 2014 , 61, 16-22	5.9	15
41	Fabrication and characterization of three-dimensional PMR polyimide composites reinforced with woven basalt fabric. <i>Composites Part B: Engineering</i> , 2014 , 66, 268-275	10	21
40	Phase Separated Fibrous Structures: Mechanism Study and Applications. <i>ACS Symposium Series</i> , 2014 , 127-141	0.4	1
39	Mechanical and sound adsorption properties of cellular poly (lactic acid) matrix composites reinforced with 3D ramie fabrics woven with co-wrapped yarns. <i>Industrial Crops and Products</i> , 2014 , 56, 1-8	5.9	19
38	Three dimensional woven fabrics as filter media in membrane bioreactor for wastewater treatment. <i>Journal of Materials Science</i> , 2013 , 48, 7869-7874	4.3	2
37	Eco-friendly sizing technology of cotton yarns with He/O ₂ atmospheric pressure plasma treatment and green sizing recipes. <i>Textile Reseach Journal</i> , 2013 , 83, 2177-2190	1.7	15
36	Aging of hydrophobized surfaces of ramie fibers induced by atmospheric pressure plasma treatment with ethanol pretreatment. <i>Journal of Adhesion Science and Technology</i> , 2013 , 27, 2387-2397	2	8
35	Helium plasma treatment of ethanol-pretreated ramie fabrics for improving the mechanical properties of ramie/polypropylene composites. <i>Industrial Crops and Products</i> , 2013 , 51, 299-305	5.9	30
34	Improvement of mechanical properties of ramie/poly (lactic acid) (PLA) laminated composites using a cyclic load pre-treatment method. <i>Industrial Crops and Products</i> , 2013 , 45, 94-99	5.9	18
33	Plasma functionalization of bucky paper and its composite with phenylethynyl-terminated polyimide. <i>Composites Part B: Engineering</i> , 2013 , 45, 1275-1281	10	15
32	Static and bending fatigue properties of ultra-thick 3D orthogonal woven composites. <i>Journal of Composite Materials</i> , 2013 , 47, 569-577	2.7	15
31	Influence of moisture on wettability and sizing properties of raw cotton yarns treated with He/O ₂ atmospheric pressure plasma jet. <i>Surface and Coatings Technology</i> , 2012 , 206, 2281-2286	4.4	25
30	Influence of Moisture on Effectiveness of Plasma Treatments of Polymer Surfaces. <i>Journal of Adhesion Science and Technology</i> , 2012 , 26, 1123-1139	2	4

29	Effect of Glycerol Coating on the Atmospheric Pressure Plasma Treatment of UHMWPE Fibers. <i>Journal of Adhesion Science and Technology</i> , 2012 , 26, 289-301	2	10
28	Effect of conductive yarn crimp in radiation patch on electromagnetic performance of 3D integrated microstrip antenna. <i>Composites Part B: Engineering</i> , 2012 , 43, 465-470	10	14
27	Influence of Chemical Treatments on the Interfacial Properties of Ramie Fiber Reinforced Poly(lactic acid) (PLA) Composites. <i>Journal of Biobased Materials and Bioenergy</i> , 2012 , 6, 564-568	1.4	8
26	Hydrophobic surface modification of ramie fibers with ethanol pretreatment and atmospheric pressure plasma treatment. <i>Surface and Coatings Technology</i> , 2011 , 205, 4205-4210	4.4	52
25	Surface modification of nylon 6 films treated with an He/O ₂ atmospheric pressure plasma jet. <i>Journal of Applied Polymer Science</i> , 2011 , 120, 2201-2206	2.9	15
24	Producing superior composites by winding carbon nanotubes onto a mandrel under a poly(vinyl alcohol) spray. <i>Carbon</i> , 2011 , 49, 4786-4791	10.4	100
23	Fabrication and characterization of microstrip array antennas integrated in the three dimensional orthogonal woven composite. <i>Composites Part B: Engineering</i> , 2011 , 42, 885-890	10	23
22	Effect of Atmospheric Plasma Treatment on Carbon Fiber/Epoxy Interfacial Adhesion. <i>Journal of Adhesion Science and Technology</i> , 2011 , 25, 2897-2908	2	17
21	Study on the surface modification of PBO fiber under dielectric barrier discharge treatment. <i>Fibers and Polymers</i> , 2010 , 11, 372-377	2	10
20	Performance and impact damage of a three dimensionally integrated microstrip feeding antenna structure. <i>Composite Structures</i> , 2010 , 93, 193-197	5.3	19
19	Influence of absorbed moisture on antifelting property of wool treated with atmospheric pressure plasma. <i>Journal of Applied Polymer Science</i> , 2009 , 113, 3687-3692	2.9	30
18	Design and fabrication of microstrip antennas integrated in three dimensional orthogonal woven composites. <i>Composites Science and Technology</i> , 2009 , 69, 1004-1008	8.6	67
17	Influence of processing parameters on atmospheric pressure plasma etching of polyamide 6 films. <i>Applied Surface Science</i> , 2009 , 255, 7683-7688	6.7	33
16	Dyeing properties of wool fabrics treated with atmospheric pressure plasmas. <i>Journal of Applied Polymer Science</i> , 2008 , 109, 1257-1261	2.9	26
15	Effect on the anti-felt properties of atmospheric pressure plasma treated wool. <i>Journal of Applied Polymer Science</i> , 2008 , 107, 1142-1146	2.9	20
14	Laser scanning confocal microscope characterization of dye diffusion in nylon 6 fibers treated with atmospheric pressure plasmas. <i>Journal of Applied Polymer Science</i> , 2008 , 107, 1471-1478	2.9	11
13	Influence of treatment duration on hydrophobic recovery of plasma-treated ultrahigh modulus polyethylene fiber surfaces. <i>Journal of Applied Polymer Science</i> , 2008 , 110, 995-1001	2.9	12
12	Modeling and experimental verification of dielectric constants for three-dimensional woven composites. <i>Composites Science and Technology</i> , 2008 , 68, 1794-1799	8.6	21

11	Tensile, impact and dielectric properties of three dimensional orthogonal aramid/glass fiber hybrid composites. <i>Journal of Materials Science</i> , 2007 , 42, 6494-6500	4.3	25
10	Influence of aramid fiber moisture regain during atmospheric plasma treatment on aging of treatment effects on surface wettability and bonding strength to epoxy. <i>Applied Surface Science</i> , 2007 , 253, 9283-9289	6.7	78
9	The mechanism of air/oxygen/helium atmospheric plasma action on PVA. <i>Journal of Applied Polymer Science</i> , 2006 , 99, 2233-2237	2.9	44
8	Chemical modification of Bombyx mori silk with epoxide EPSIB. <i>Journal of Applied Polymer Science</i> , 2004 , 91, 3579-3586	2.9	13
7	Modified shear lag model for fibers and fillers with irregular cross-sectional shapes. <i>Journal of Adhesion Science and Technology</i> , 2003 , 17, 397-408	2	24
6	Fabrication and characterization of three-dimensional cellular-matrix composites reinforced with woven carbon fabric. <i>Composites Science and Technology</i> , 2001 , 61, 2425-2435	8.6	25
5	A thermal latent imidazole complex containing copper (II) as the curing agent for an epoxy-based glass fiber composite. <i>Textile Reseach Journal</i> ,004051752110698	1.7	0
4	Effect of silane treatment on tensile strength, moisture absorption and thermal property of unidirectional woven mat enset fibers reinforced polypropylene composite. <i>Composite Interfaces</i> ,1-21	2.3	1
3	Image-based Bilateral Beard Method for measuring weight-based short fiber contents in raw cotton and semi-finished slivers. <i>Textile Reseach Journal</i> ,004051752199746	1.7	0
2	The effect of the geometric structure of the modified slot die on the air field distribution in the meltblowing process. <i>Textile Reseach Journal</i> ,004051752110351	1.7	2
1	Review on intrinsically recyclable flame retardant thermosets enabled through covalent bonds. <i>Journal of Applied Polymer Science</i> ,	2.9	0