

Yiping Qiu

List of Publications by Year in descending order

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139
papers

4,447
citations

126708

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all docs

140
docs citations

140
times ranked

5175
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of the geometric structure of the modified slot die on the air field distribution in the meltblowing process. <i>Textile Research Journal</i> , 2022, 92, 423-433.	1.1	10
2	Three-dimensional woven structural glass fiber/polytetrafluoroethylene (PTFE) composite antenna with superb integrity and electromagnetic performance. <i>Composite Structures</i> , 2022, 281, 115096.	3.1	12
3	A thermal latent imidazole complex containing copper (II) as the curing agent for an epoxy-based glass fiber composite. <i>Textile Research Journal</i> , 2022, 92, 1867-1875.	1.1	2
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> , 2022, 29, 795-815.	1.3	3
5	Review on intrinsically recyclable flame retardant thermosets enabled through covalent bonds. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	1.3	14
6	A Quercetin-Derived Polybasic Acid Hardener for Reprocessable and Degradable Epoxy Resins Based on Transesterification. <i>ACS Applied Polymer Materials</i> , 2022, 4, 5708-5716.	2.0	19
7	Litter to Leaf: The Unexplored Potential of Silk Byproducts. <i>Trends in Biotechnology</i> , 2021, 39, 706-718.	4.9	15
8	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.	2.4	13
9	Building effective core/shell polymer nanoparticles for epoxy composite toughening based on Hansen solubility parameters. <i>Nanotechnology Reviews</i> , 2021, 10, 1183-1196.	2.6	6
10	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.	0.5	2
11	Image-based Bilateral Beard Method for measuring weight-based short fiber contents in raw cotton and semi-finished slivers. <i>Textile Research Journal</i> , 2021, 91, 2184-2193.	1.1	3
12	Structural modification of carbon nanotube film toward multifunctional composites via a wet-compression method. <i>Applied Nanoscience (Switzerland)</i> , 2021, 11, 1817-1826.	1.6	3
13	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.	5.0	36
14	Epoxy 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.	2.0	1
15	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.	1.4	4
16	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.	1.3	17
17	Evaluating the interfacial properties of wrinkled graphene fiber through single-fiber fragmentation tests. <i>Journal of Materials Science</i> , 2020, 55, 1023-1034.	1.7	7
18	High temperature carbon nanotube “ Nanofiber hybrid filters. <i>Separation and Purification Technology</i> , 2020, 236, 116255.	3.9	15

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19	Carbon nanotube yarn based thermoelectric textiles for harvesting thermal energy and powering electronics. <i>Journal of Materials Chemistry A</i> , 2020, 8, 2984-2994.	5.2	107
20	Densely packed, highly strain sensitive carbon nanotube composites with sufficient polymer penetration. <i>Composites Part A: Applied Science and Manufacturing</i> , 2020, 130, 105728.	3.8	16
21	Flexible nanopositioning actuators based on functional nanocomposites. <i>Composites Science and Technology</i> , 2020, 186, 107937.	3.8	5
22	Reprocessable, Reworkable, and Mechanochromic Polyhexahydrotriazine Thermoset with Multiple Stimulus Responsiveness. <i>Polymers</i> , 2020, 12, 2375.	2.0	12
23	Revealing Electrical Poling-Induced Polarization Potential in Hybrid Perovskite Photodetectors. <i>Advanced Materials</i> , 2020, 32, e2005481.	11.1	23
24	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.	3.8	125
25	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, 16690-16696.	2.8	7
26	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.	2.0	26
27	Impressive epoxy toughening by a structure-engineered core/shell polymer nanoparticle. <i>Composites Science and Technology</i> , 2020, 199, 108364.	3.8	32
28	Modelling and Prediction of Stress Relaxation for Thermal Bonded Nonwoven Geotextiles. <i>Fibers and Polymers</i> , 2020, 21, 1611-1617.	1.1	0
29	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.	1.7	4
30	Interfacial characteristics of a carbon nanotube-polyimide nanocomposite by molecular dynamics simulation. <i>Nanotechnology Reviews</i> , 2020, 9, 136-145.	2.6	43
31	A Comprehensive Study on the Mechanical Properties of Different 3D Woven Carbon Fiber-Epoxy Composites. <i>Materials</i> , 2020, 13, 2765.	1.3	22
32	Tuning solid-air interface of porous graphene paper for enhanced electromagnetic interference shielding. <i>Journal of Materials Science</i> , 2020, 55, 6598-6609.	1.7	16
33	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.	1.4	13
34	Extraction and characterisation of natural cellulose fibers from <i>Kigelia africana</i> . <i>Carbohydrate Polymers</i> , 2020, 236, 115996.	5.1	87
35	Vanillin-Based Epoxy Vitrimer with High Performance and Closed-Loop Recyclability. <i>Macromolecules</i> , 2020, 53, 621-630.	2.2	220
36	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.	4.0	60

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37	Benzoyl peroxide thermo-crosslinked poly(ethylene-co-vinyl acetate) foam with two-way shape memory effect. <i>Materials Letters</i> , 2020, 264, 127343.	1.3	10
38	The Failure Mechanism of Composite Stiffener Components Reinforced with 3D Woven Fabrics. <i>Materials</i> , 2019, 12, 2221.	1.3	16
39	Sustained Local Delivery of Diclofenac from Three-Dimensional Ultrafine Fibrous Protein Scaffolds with Ultrahigh Drug Loading Capacity. <i>Nanomaterials</i> , 2019, 9, 918.	1.9	4
40	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.	1.3	21
41	Hierarchical assembly of silver and gold nanoparticles in two-dimension: Toward fluorescence enhanced detection platforms. <i>Applied Surface Science</i> , 2019, 476, 1072-1078.	3.1	5
42	Multi-layer graphene oxide coated shape memory polyurethane for adjustable smart switches. <i>Composites Science and Technology</i> , 2019, 172, 108-116.	3.8	15
43	A novel liquid imidazole-copper (II) complex as a thermal latent curing agent for epoxy resins. <i>Polymer</i> , 2019, 178, 121586.	1.8	39
44	Core-Shell Porous Polyaniline Nanorods/Graphene Fiber-Shaped Supercapacitors with High Specific Capacitance and Rate Capability. <i>ACS Applied Energy Materials</i> , 2019, 2, 4335-4344.	2.5	72
45	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.	1.1	8
46	Highly aligned nonwoven vapor grown carbon fibre based polyurethane fibrous membrane for direction-dependent microwave shielding. <i>Materials Letters</i> , 2019, 245, 98-102.	1.3	6
47	Highly tough and strain sensitive plasma functionalized carbon nanotube/epoxy composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2019, 121, 123-129.	3.8	30
48	Fabrication of gradient vapor grown carbon fiber based polyurethane foam for shape memory driven microwave shielding. <i>RSC Advances</i> , 2019, 9, 9401-9409.	1.7	16
49	Fabrication of core-shell structured poly(3,4-ethylenedioxythiophene)/carbon nanotube hybrids with enhanced thermoelectric power factors. <i>Carbon</i> , 2019, 148, 290-296.	5.4	52
50	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.	1.1	7
51	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.	1.3	10
52	Quasi-static and dynamic interfacial evaluations of plasma functionalized carbon nanotube fiber. <i>Applied Surface Science</i> , 2019, 465, 795-801.	3.1	22
53	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.	5.9	75
54	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.	3.8	37

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55	Influence of graphene oxide with different oxidation levels on the properties of epoxy composites. <i>Composites Science and Technology</i> , 2018, 161, 74-84.	3.8	91
56	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.	3.8	55
57	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.	2.4	18
58	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.	1.9	39
59	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.	2.3	10
60	Preparation, structure, and properties of melt spun cellulose acetate butyrate fibers. <i>Textile Research Journal</i> , 2018, 88, 1491-1504.	1.1	16
61	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.	1.1	7
62	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.	5.9	31
63	Fluorescence-enhanced bio-detection platforms obtained through controlled step-by-step clustering of silver nanoparticles. <i>Nanoscale</i> , 2018, 10, 848-855.	2.8	22
64	Thermoelectric transport in ultrathin poly(3,4-ethylenedioxythiophene) nanowire assembly. <i>Composites Part B: Engineering</i> , 2018, 136, 234-240.	5.9	40
65	Hierarchically porous sheath-core graphene-based fiber-shaped supercapacitors with high energy density. <i>Journal of Materials Chemistry A</i> , 2018, 6, 896-907.	5.2	77
66	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.	3.8	18
67	Smart composites of piezoelectric particles and shape memory polymers for actuation and nanopositioning. <i>Composites Science and Technology</i> , 2018, 163, 123-132.	3.8	19
68	Effects of Graphene-Oxide-Modified Coating on the Properties of Carbon-Fiber-Reinforced Polypropylene Composites. <i>Coatings</i> , 2018, 8, 149.	1.2	6
69	A One-Component, Fast-Cure, and Economical Epoxy Resin System Suitable for Liquid Molding of Automotive Composite Parts. <i>Materials</i> , 2018, 11, 685.	1.3	22
70	Micromechanical modeling of water-induced interfacial failure of ramie fiber reinforced thermoplastic composites. <i>Composite Structures</i> , 2018, 203, 259-266.	3.1	8
71	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.	4.0	58
72	Effects of Styrene-Acrylic Sizing on the Mechanical Properties of Carbon Fiber Thermoplastic Towpregs and Their Composites. <i>Molecules</i> , 2018, 23, 547.	1.7	25

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73	Thermoelectric Properties of Conducting Polymer Nanowireâ€“Tellurium Nanowire Composites. ACS Applied Energy Materials, 2018, 1, 4883-4890.	2.5	48
74	Improving mechanical properties of ramie/poly (lactic acid) composites by synergistic effect of fabric cyclic loading and alkali treatment. Journal of Industrial Textiles, 2017, 47, 390-407.	1.1	9
75	Influence of He/O ₂ atmospheric pressure plasma pretreatment on sizing adhesion strength and breaking elongation of sized cotton rovings. Textile Reseach Journal, 2017, 87, 682-693.	1.1	6
76	Electromagnetic performance of a three-dimensional woven fabric antenna conformal with cylindrical surfaces. Textile Reseach Journal, 2017, 87, 147-154.	1.1	21
77	Characterization of enhanced interfacial bonding between epoxy and plasma functionalized carbon nanotube films. Composites Science and Technology, 2017, 145, 114-121.	3.8	56
78	Influence of cryogenic treatment on mechanical and interfacial properties of carbon nanotube fiber/bisphenol-F epoxy composite. Composites Part B: Engineering, 2017, 125, 195-202.	5.9	52
79	Filtration properties of carbon woven fabric filters supplied with high voltage for removal of PM 1.0 particles. Separation and Purification Technology, 2017, 177, 40-48.	3.9	23
80	Antimicrobial three dimensional woven filters containing silver nanoparticle doped nanofibers in a membrane bioreactor for wastewater treatment. Separation and Purification Technology, 2017, 175, 130-139.	3.9	28
81	Simulation and experimental study of double-element antennas based on a three-dimensional woven structure with various curvature radii. Textile Reseach Journal, 2017, 87, 216-223.	1.1	3
82	Stepâ€“byâ€“Step Strategy for Constructing Multilayer Structured Coatings toward Highâ€“Efficiency Electromagnetic Interference Shielding. Advanced Materials Interfaces, 2016, 3, 1500476.	1.9	70
83	Comparing effects of thermal annealing and chemical reduction treatments on properties of wet-spun graphene fibers. Journal of Materials Science, 2016, 51, 9889-9901.	1.7	18
84	Effect of thermal treatments on structures and mechanical properties of aerogel-spun carbon nanotube fibers. Materials Letters, 2016, 183, 117-121.	1.3	21
85	Interfacial strength and debonding mechanism between aerogel-spun carbon nanotube yarn and polyphenylene sulfide. Composites Part A: Applied Science and Manufacturing, 2016, 88, 98-105.	3.8	25
86	Synthesis and characterization of LiFePO ₄ â€“carbon nanofiberâ€“carbon nanotube composites prepared by electrospinning and thermal treatment as a cathode material for lithiumâ€“ion batteries. Journal of Applied Polymer Science, 2016, 133, .	1.3	2
87	Effect of atmospheric pressure plasma treatment condition on adhesion of ramie fibers to polypropylene for composite. Applied Surface Science, 2016, 364, 294-301.	3.1	13
88	Synthesis and filtration properties of polyimide nanofiber membrane/carbon woven fabric sandwiched hot gas filters for removal of PM 2.5 particles. Powder Technology, 2016, 292, 54-63.	2.1	99
89	Filtration performance of three dimensional fabric filter in a membrane bioreactor for wastewater treatment. Separation and Purification Technology, 2016, 157, 17-26.	3.9	11
90	Dye aggregation in layer-by-layer dyeing of cotton fabrics. RSC Advances, 2016, 6, 20286-20293.	1.7	11

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91	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.	4.0	58
92	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.	3.3	18
93	Fabrication and property of discarded denim fabric/polypropylene composites. <i>Journal of Industrial Textiles</i> , 2015, 44, 798-812.	1.1	14
94	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.	1.4	9
95	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.	5.9	29
96	Crosslinking biopolymers for biomedical applications. <i>Trends in Biotechnology</i> , 2015, 33, 362-369.	4.9	469
97	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.	1.7	25
98	Superhydrophobization of cotton fabric with multiwalled carbon nanotubes for durable electromagnetic interference shielding. <i>Fibers and Polymers</i> , 2015, 16, 2158-2164.	1.1	48
99	Phase Separated Fibrous Structures: Mechanism Study and Applications. <i>ACS Symposium Series</i> , 2014, , 127-141.	0.5	1
100	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.	2.5	22
101	Mechanical, electrical and thermal properties of aligned carbon nanotube/polyimide composites. <i>Composites Part B: Engineering</i> , 2014, 56, 408-412.	5.9	200
102	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, .	1.3	15
103	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.	1.3	14
104	Helium plasma treatment voltage effect on adhesion of ramie fibers to polybutylene succinate. <i>Industrial Crops and Products</i> , 2014, 61, 16-22.	2.5	19
105	Fabrication and characterization of three-dimensional PMR polyimide composites reinforced with woven basalt fabric. <i>Composites Part B: Engineering</i> , 2014, 66, 268-275.	5.9	23
106	Three dimensional woven fabrics as filter media in membrane bioreactor for wastewater treatment. <i>Journal of Materials Science</i> , 2013, 48, 7869-7874.	1.7	4
107	Eco-friendly sizing technology of cotton yarns with He/O ₂ atmospheric pressure plasma treatment and green sizing recipes. <i>Textile Research Journal</i> , 2013, 83, 2177-2190.	1.1	19
108	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.	1.4	8

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109	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.	2.5	33
110	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.	2.5	24
111	Plasma functionalization of bucky paper and its composite with phenylethynyl-terminated polyimide. <i>Composites Part B: Engineering</i> , 2013, 45, 1275-1281.	5.9	16
112	Static and bending fatigue properties of ultra-thick 3D orthogonal woven composites. <i>Journal of Composite Materials</i> , 2013, 47, 569-577.	1.2	16
113	Influence of Moisture on Effectiveness of Plasma Treatments of Polymer Surfaces. <i>Journal of Adhesion Science and Technology</i> , 2012, 26, 1123-1139.	1.4	5
114	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.	1.4	12
115	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.	5.9	16
116	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.	2.2	30
117	Influence of Chemical Treatments on the Interfacial Properties of Ramie Fiber Reinforced Poly(lactic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 3	0.1	10
118	Hydrophobic surface modification of ramie fibers with ethanol pretreatment and atmospheric pressure plasma treatment. <i>Surface and Coatings Technology</i> , 2011, 205, 4205-4210.	2.2	60
119	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.	1.3	19
120	Producing superior composites by winding carbon nanotubes onto a mandrel under a poly(vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	5.4	114
121	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.	5.9	28
122	Effect of Atmospheric Plasma Treatment on Carbon Fiber/Epoxy Interfacial Adhesion. <i>Journal of Adhesion Science and Technology</i> , 2011, 25, 2897-2908.	1.4	22
123	Study on the surface modification of PBO fiber under dielectric barrier discharge treatment. <i>Fibers and Polymers</i> , 2010, 11, 372-377.	1.1	10
124	Performance and impact damage of a three dimensionally integrated microstrip feeding antenna structure. <i>Composite Structures</i> , 2010, 93, 193-197.	3.1	26
125	Issues of a Laser Beam: Depolarization, Beam Quality Degradation and It's Transmission System. , 2010, , .		0
126	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.	1.3	33

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127	Design and fabrication of microstrip antennas integrated in three dimensional orthogonal woven composites. <i>Composites Science and Technology</i> , 2009, 69, 1004-1008.	3.8	79
128	Influence of processing parameters on atmospheric pressure plasma etching of polyamide 6 films. <i>Applied Surface Science</i> , 2009, 255, 7683-7688.	3.1	39
129	Dyeing properties of wool fabrics treated with atmospheric pressure plasmas. <i>Journal of Applied Polymer Science</i> , 2008, 109, 1257-1261.	1.3	34
130	Effect on the anti-felt properties of atmospheric pressure plasma treated wool. <i>Journal of Applied Polymer Science</i> , 2008, 107, 1142-1146.	1.3	22
131	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.	1.3	11
132	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.	1.3	13
133	Modeling and experimental verification of dielectric constants for three-dimensional woven composites. <i>Composites Science and Technology</i> , 2008, 68, 1794-1799.	3.8	24
134	Tensile, impact and dielectric properties of three dimensional orthogonal aramid/glass fiber hybrid composites. <i>Journal of Materials Science</i> , 2007, 42, 6494-6500.	1.7	29
135	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.	3.1	83
136	The mechanism of air/oxygen/helium atmospheric plasma action on PVA. <i>Journal of Applied Polymer Science</i> , 2006, 99, 2233-2237.	1.3	50
137	Chemical modification of Bombyx mori silk with epoxide EPSIB. <i>Journal of Applied Polymer Science</i> , 2004, 91, 3579-3586.	1.3	14
138	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.	1.4	27
139	Fabrication and characterization of three-dimensional cellular-matrix composites reinforced with woven carbon fabric. <i>Composites Science and Technology</i> , 2001, 61, 2425-2435.	3.8	30