

# Yiping Qiu

## List of Publications by Citations

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136  
papers

3,038  
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30  
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ext. papers

3,734  
ext. citations

5.5  
avg, IF

5.74  
L-index

#	Paper	IF	Citations
136	Crosslinking biopolymers for biomedical applications. <i>Trends in Biotechnology</i> , <b>2015</b> , 33, 362-9	15.1	337
135	Mechanical, electrical and thermal properties of aligned carbon nanotube/polyimide composites. <i>Composites Part B: Engineering</i> , <b>2014</b> , 56, 408-412	10	164
134	Producing superior composites by winding carbon nanotubes onto a mandrel under a poly(vinyl alcohol) spray. <i>Carbon</i> , <b>2011</b> , 49, 4786-4791	10.4	100
133	Vanillin-Based Epoxy Vitriimer with High Performance and Closed-Loop Recyclability. <i>Macromolecules</i> , <b>2020</b> , 53, 621-630	5.5	83
132	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> , <b>2016</b> , 292, 54-63	5.2	80
131	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> , <b>2007</b> , 253, 9283-9289	6.7	78
130	Design and fabrication of microstrip antennas integrated in three dimensional orthogonal woven composites. <i>Composites Science and Technology</i> , <b>2009</b> , 69, 1004-1008	8.6	67
129	Influence of graphene oxide with different oxidation levels on the properties of epoxy composites. <i>Composites Science and Technology</i> , <b>2018</b> , 161, 74-84	8.6	63
128	Hierarchically porous sheath-core graphene-based fiber-shaped supercapacitors with high energy density. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 896-907	13	62
127	Carbon nanotube yarn based thermoelectric textiles for harvesting thermal energy and powering electronics. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 2984-2994	13	56
126	Flexible ultra-thin Fe <sub>3</sub> O <sub>4</sub> /MnO <sub>2</sub> core-shell decorated CNT composite with enhanced electromagnetic wave absorption performance. <i>Composites Part B: Engineering</i> , <b>2018</b> , 144, 111-117	10	54
125	Step-by-Step Strategy for Constructing Multilayer Structured Coatings toward High-Efficiency Electromagnetic Interference Shielding. <i>Advanced Materials Interfaces</i> , <b>2016</b> , 3, 1500476	4.6	53
124	Hydrophobic surface modification of ramie fibers with ethanol pretreatment and atmospheric pressure plasma treatment. <i>Surface and Coatings Technology</i> , <b>2011</b> , 205, 4205-4210	4.4	52
123	Characterization of enhanced interfacial bonding between epoxy and plasma functionalized carbon nanotube films. <i>Composites Science and Technology</i> , <b>2017</b> , 145, 114-121	8.6	44
122	A novel flexible humidity switch material based on multi-walled carbon nanotube/polyvinyl alcohol composite yarn. <i>Sensors and Actuators B: Chemical</i> , <b>2016</b> , 230, 528-535	8.5	44
121	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> , <b>2018</b> , 399, 406-413	8.9	44
120	The mechanism of air/oxygen/helium atmospheric plasma action on PVA. <i>Journal of Applied Polymer Science</i> , <b>2006</b> , 99, 2233-2237	2.9	44

119	Influence of cryogenic treatment on mechanical and interfacial properties of carbon nanotube fiber/bisphenol-F epoxy composite. <i>Composites Part B: Engineering</i> , <b>2017</b> , 125, 195-202	10	42
118	Core/Sheath Porous Polyaniline Nanorods/Graphene Fiber-Shaped Supercapacitors with High Specific Capacitance and Rate Capability. <i>ACS Applied Energy Materials</i> , <b>2019</b> , 2, 4335-4344	6.1	39
117	Axial Alignment of Carbon Nanotubes on Fibers To Enable Highly Conductive Fabrics for Electromagnetic Interference Shielding. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 7477-7485	9.5	39
116	Superhydrophobization of cotton fabric with multiwalled carbon nanotubes for durable electromagnetic interference shielding. <i>Fibers and Polymers</i> , <b>2015</b> , 16, 2158-2164	2	37
115	An imine-containing epoxy vitrimer with versatile recyclability and its application in fully recyclable carbon fiber reinforced composites. <i>Composites Science and Technology</i> , <b>2020</b> , 199, 108314	8.6	36
114	Flexible strain sensor based on aerogel-spun carbon nanotube yarn with a core-sheath structure. <i>Composites Part A: Applied Science and Manufacturing</i> , <b>2018</b> , 108, 107-113	8.4	35
113	Fabrication of core-shell structured poly(3,4-ethylenedioxythiophene)/carbon nanotube hybrids with enhanced thermoelectric power factors. <i>Carbon</i> , <b>2019</b> , 148, 290-296	10.4	33
112	Influence of processing parameters on atmospheric pressure plasma etching of polyamide 6 films. <i>Applied Surface Science</i> , <b>2009</b> , 255, 7683-7688	6.7	33
111	Thermoelectric transport in ultrathin poly(3,4-ethylenedioxythiophene) nanowire assembly. <i>Composites Part B: Engineering</i> , <b>2018</b> , 136, 234-240	10	33
110	Thermoelectric Properties of Conducting Polymer Nanowire/Tellurium Nanowire Composites. <i>ACS Applied Energy Materials</i> , <b>2018</b> , 1, 4883-4890	6.1	31
109	Interfacial characteristics of a carbon nanotube-polyimide nanocomposite by molecular dynamics simulation. <i>Nanotechnology Reviews</i> , <b>2020</b> , 9, 136-145	6.3	30
108	Extraction and characterisation of natural cellulose fibers from <i>Kigelia africana</i> . <i>Carbohydrate Polymers</i> , <b>2020</b> , 236, 115996	10.3	30
107	Helium plasma treatment of ethanol-pretreated ramie fabrics for improving the mechanical properties of ramie/polypropylene composites. <i>Industrial Crops and Products</i> , <b>2013</b> , 51, 299-305	5.9	30
106	Influence of absorbed moisture on antifelting property of wool treated with atmospheric pressure plasma. <i>Journal of Applied Polymer Science</i> , <b>2009</b> , 113, 3687-3692	2.9	30
105	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> , <b>2018</b> , 110, 1-10	8.4	26
104	High-Loading Carbon Nanotube/Polymer Nanocomposite Fabric Coatings Obtained by Capillarity-Assisted Excess Assembly For Electromagnetic Interference Shielding. <i>Advanced Materials Interfaces</i> , <b>2018</b> , 5, 1800116	4.6	26
103	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> , <b>2018</b> , 133, 193-202	10	26
102	Dyeing properties of wool fabrics treated with atmospheric pressure plasmas. <i>Journal of Applied Polymer Science</i> , <b>2008</b> , 109, 1257-1261	2.9	26

101	Influence of moisture on wettability and sizing properties of raw cotton yarns treated with He/O <sub>2</sub> atmospheric pressure plasma jet. <i>Surface and Coatings Technology</i> , <b>2012</b> , 206, 2281-2286	4.4	25
100	Antimicrobial three dimensional woven filters containing silver nanoparticle doped nanofibers in a membrane bioreactor for wastewater treatment. <i>Separation and Purification Technology</i> , <b>2017</b> , 175, 130-139	8.3	25
99	Tensile, impact and dielectric properties of three dimensional orthogonal aramid/glass fiber hybrid composites. <i>Journal of Materials Science</i> , <b>2007</b> , 42, 6494-6500	4.3	25
98	Fabrication and characterization of three-dimensional cellular-matrix composites reinforced with woven carbon fabric. <i>Composites Science and Technology</i> , <b>2001</b> , 61, 2425-2435	8.6	25
97	Modified shear lag model for fibers and fillers with irregular cross-sectional shapes. <i>Journal of Adhesion Science and Technology</i> , <b>2003</b> , 17, 397-408	2	24
96	Fabrication and characterization of microstrip array antennas integrated in the three dimensional orthogonal woven composite. <i>Composites Part B: Engineering</i> , <b>2011</b> , 42, 885-890	10	23
95	Fabrication and characterization of three-dimensional PMR polyimide composites reinforced with woven basalt fabric. <i>Composites Part B: Engineering</i> , <b>2014</b> , 66, 268-275	10	21
94	Modeling and experimental verification of dielectric constants for three-dimensional woven composites. <i>Composites Science and Technology</i> , <b>2008</b> , 68, 1794-1799	8.6	21
93	Fluorescence-enhanced bio-detection platforms obtained through controlled "step-by-step" clustering of silver nanoparticles. <i>Nanoscale</i> , <b>2018</b> , 10, 848-855	7.7	21
92	Highly tough and strain sensitive plasma functionalized carbon nanotube/epoxy composites. <i>Composites Part A: Applied Science and Manufacturing</i> , <b>2019</b> , 121, 123-129	8.4	20
91	Effect on the anti-felt properties of atmospheric pressure plasma treated wool. <i>Journal of Applied Polymer Science</i> , <b>2008</b> , 107, 1142-1146	2.9	20
90	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> , <b>2014</b> , 56, 1-8	5.9	19
89	Performance and impact damage of a three dimensionally integrated microstrip feeding antenna structure. <i>Composite Structures</i> , <b>2010</b> , 93, 193-197	5.3	19
88	A novel liquid imidazole-copper (II) complex as a thermal latent curing agent for epoxy resins. <i>Polymer</i> , <b>2019</b> , 178, 121586	3.9	18
87	Interfacial strength and debonding mechanism between aerogel-spun carbon nanotube yarn and polyphenylene sulfide. <i>Composites Part A: Applied Science and Manufacturing</i> , <b>2016</b> , 88, 98-105	8.4	18
86	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> , <b>2013</b> , 45, 94-99	5.9	18
85	Electromagnetic performance of a three-dimensional woven fabric antenna conformal with cylindrical surfaces. <i>Textile Research Journal</i> , <b>2017</b> , 87, 147-154	1.7	17
84	Filtration properties of carbon woven fabric filters supplied with high voltage for removal of PM 1.0 particles. <i>Separation and Purification Technology</i> , <b>2017</b> , 177, 40-48	8.3	17

83	Cylindrical conformal single-patch microstrip antennas based on three dimensional woven glass fiber/epoxy resin composites. <i>Composites Part B: Engineering</i> , <b>2015</b> , 78, 331-337	10	17
82	In-plane mechanical properties of carbon nanotube films fabricated by floating catalyst chemical vapor decomposition. <i>Journal of Materials Science</i> , <b>2015</b> , 50, 8166-8174	4.3	17
81	Effect of thermal treatments on structures and mechanical properties of aerogel-spun carbon nanotube fibers. <i>Materials Letters</i> , <b>2016</b> , 183, 117-121	3.3	17
80	Effect of Atmospheric Plasma Treatment on Carbon Fiber/Epoxy Interfacial Adhesion. <i>Journal of Adhesion Science and Technology</i> , <b>2011</b> , 25, 2897-2908	2	17
79	Comparing effects of thermal annealing and chemical reduction treatments on properties of wet-spun graphene fibers. <i>Journal of Materials Science</i> , <b>2016</b> , 51, 9889-9901	4.3	16
78	Helium plasma treatment voltage effect on adhesion of ramie fibers to polybutylene succinate. <i>Industrial Crops and Products</i> , <b>2014</b> , 61, 16-22	5.9	15
77	Eco-friendly sizing technology of cotton yarns with He/O <sub>2</sub> atmospheric pressure plasma treatment and green sizing recipes. <i>Textile Reseach Journal</i> , <b>2013</b> , 83, 2177-2190	1.7	15
76	Plasma functionalization of bucky paper and its composite with phenylethynyl-terminated polyimide. <i>Composites Part B: Engineering</i> , <b>2013</b> , 45, 1275-1281	10	15
75	Static and bending fatigue properties of ultra-thick 3D orthogonal woven composites. <i>Journal of Composite Materials</i> , <b>2013</b> , 47, 569-577	2.7	15
74	Surface modification of nylon 6 films treated with an He/O <sub>2</sub> atmospheric pressure plasma jet. <i>Journal of Applied Polymer Science</i> , <b>2011</b> , 120, 2201-2206	2.9	15
73	Smart composites of piezoelectric particles and shape memory polymers for actuation and nanopositioning. <i>Composites Science and Technology</i> , <b>2018</b> , 163, 123-132	8.6	15
72	Effect of conductive yarn crimp in radiation patch on electromagnetic performance of 3D integrated microstrip antenna. <i>Composites Part B: Engineering</i> , <b>2012</b> , 43, 465-470	10	14
71	Impressive epoxy toughening by a structure-engineered core/shell polymer nanoparticle. <i>Composites Science and Technology</i> , <b>2020</b> , 199, 108364	8.6	14
70	Multi-reflection-enhanced electromagnetic interference shielding performance of conductive nanocomposite coatings on fabrics. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 590, 467-475	9.3	14
69	Multi-layer graphene oxide coated shape memory polyurethane for adjustable smart switches. <i>Composites Science and Technology</i> , <b>2019</b> , 172, 108-116	8.6	13
68	Microbuckling-Enhanced Electromagnetic-Wave-Absorbing Capability of a Stretchable Fe <sub>3</sub> O <sub>4</sub> /Carbon Nanotube/Poly(dimethylsiloxane) Composite Film. <i>ACS Applied Nano Materials</i> , <b>2018</b> , 1, 2227-2236	5.6	13
67	A One-Component, Fast-Cure, and Economical Epoxy Resin System Suitable for Liquid Molding of Automotive Composite Parts. <i>Materials</i> , <b>2018</b> , 11,	3.5	13
66	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> , <b>2014</b> , 131, n/a-n/a	2.9	13

65	Chemical modification of Bombyx mori silk with epoxide EPSIB. <i>Journal of Applied Polymer Science</i> , <b>2004</b> , 91, 3579-3586	2.9	13
64	Quasi-static and dynamic interfacial evaluations of plasma functionalized carbon nanotube fiber. <i>Applied Surface Science</i> , <b>2019</b> , 465, 795-801	6.7	13
63	Analyzing effects of interfaces on recovery rates of shape memory composites from the perspective of molecular motions. <i>Composites Science and Technology</i> , <b>2018</b> , 163, 105-115	8.6	13
62	Simulation and electromagnetic performance of cylindrical two-element microstrip antenna array integrated in 3D woven glass fiber/epoxy composites. <i>Materials and Design</i> , <b>2016</b> , 89, 1048-1056	8.1	12
61	Influence of treatment duration on hydrophobic recovery of plasma-treated ultrahigh modulus polyethylene fiber surfaces. <i>Journal of Applied Polymer Science</i> , <b>2008</b> , 110, 995-1001	2.9	12
60	Revealing Electrical-Poling-Induced Polarization Potential in Hybrid Perovskite Photodetectors. <i>Advanced Materials</i> , <b>2020</b> , 32, e2005481	24	12
59	A Comparative Study on Interlaminar Properties of L-shaped Two-Dimensional (2D) and Three-Dimensional (3D) Woven Composites. <i>Applied Composite Materials</i> , <b>2019</b> , 26, 723-744	2	11
58	Effects of Styrene-Acrylic Sizing on the Mechanical Properties of Carbon Fiber Thermoplastic Towpregs and Their Composites. <i>Molecules</i> , <b>2018</b> , 23,	4.8	11
57	The Failure Mechanism of Composite Stiffener Components Reinforced with 3D Woven Fabrics. <i>Materials</i> , <b>2019</b> , 12,	3.5	11
56	Laser scanning confocal microscope characterization of dye diffusion in nylon 6 fibers treated with atmospheric pressure plasmas. <i>Journal of Applied Polymer Science</i> , <b>2008</b> , 107, 1471-1478	2.9	11
55	Two-way reversible shape memory polymer: Synthesis and characterization of benzoyl peroxide-crosslinked poly(ethylene-co-vinyl acetate). <i>Materials Letters</i> , <b>2020</b> , 258, 126762	3.3	11
54	Fabrication of gradient vapor grown carbon fiber based polyurethane foam for shape memory driven microwave shielding.. <i>RSC Advances</i> , <b>2019</b> , 9, 9401-9409	3.7	10
53	Preparation, structure, and properties of melt spun cellulose acetate butyrate fibers. <i>Textile Research Journal</i> , <b>2018</b> , 88, 1491-1504	1.7	10
52	Effect of Glycerol Coating on the Atmospheric Pressure Plasma Treatment of UHMWPE Fibers. <i>Journal of Adhesion Science and Technology</i> , <b>2012</b> , 26, 289-301	2	10
51	Study on the surface modification of PBO fiber under dielectric barrier discharge treatment. <i>Fibers and Polymers</i> , <b>2010</b> , 11, 372-377	2	10
50	Effect of atmospheric pressure plasma treatment condition on adhesion of ramie fibers to polypropylene for composite. <i>Applied Surface Science</i> , <b>2016</b> , 364, 294-301	6.7	9
49	Filtration performance of three dimensional fabric filter in a membrane bioreactor for wastewater treatment. <i>Separation and Purification Technology</i> , <b>2016</b> , 157, 17-26	8.3	9
48	Fabrication and property of discarded denim fabric/polypropylene composites. <i>Journal of Industrial Textiles</i> , <b>2015</b> , 44, 798-812	1.6	9

47	High temperature carbon nanotube [Nanofiber hybrid filters. <i>Separation and Purification Technology</i> , <b>2020</b> , 236, 116255	8.3	9
46	Densely packed, highly strain sensitive carbon nanotube composites with sufficient polymer penetration. <i>Composites Part A: Applied Science and Manufacturing</i> , <b>2020</b> , 130, 105728	8.4	9
45	Interlaminar Fracture Toughness of Carbon-Fiber-Reinforced Epoxy Composites Toughened by Poly(phenylene oxide) Particles. <i>ACS Applied Polymer Materials</i> , <b>2020</b> , 2, 3114-3121	4.3	9
44	Tuning solid-air interface of porous graphene paper for enhanced electromagnetic interference shielding. <i>Journal of Materials Science</i> , <b>2020</b> , 55, 6598-6609	4.3	8
43	Aging of hydrophobized surfaces of ramie fibers induced by atmospheric pressure plasma treatment with ethanol pretreatment. <i>Journal of Adhesion Science and Technology</i> , <b>2013</b> , 27, 2387-2397 <sup>2</sup>		8
42	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> , <b>2012</b> , 6, 564-568	1.4	8
41	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> , <b>2017</b> , 47, 390-407	1.6	7
40	Hydrophobic surface modification of ramie fibers by plasma-induced addition polymerization of propylene. <i>Journal of Adhesion Science and Technology</i> , <b>2015</b> , 29, 691-704	2	7
39	Multifunctional composite nanofibers with shape memory and piezoelectric properties for energy harvesting. <i>Journal of Intelligent Material Systems and Structures</i> , <b>2020</b> , 31, 956-966	2.3	7
38	Dye aggregation in layer-by-layer dyeing of cotton fabrics. <i>RSC Advances</i> , <b>2016</b> , 6, 20286-20293	3.7	7
37	A Comprehensive Study on the Mechanical Properties of Different 3D Woven Carbon Fiber-Epoxy Composites. <i>Materials</i> , <b>2020</b> , 13,	3.5	6
36	Micromechanical modeling of water-induced interfacial failure of ramie fiber reinforced thermoplastic composites. <i>Composite Structures</i> , <b>2018</b> , 203, 259-266	5.3	6
35	Synthesis and characterization of LiFePO <sub>4</sub> -carbon nanofiber with Ti <sup>4+</sup> substitution by electrospinning and thermal treatment. <i>Solid State Ionics</i> , <b>2014</b> , 267, 74-79	3.3	6
34	Shape memory driving thickness-adjustable G@SMPU sponge with ultrahigh carbon loading ratio for excellent microwave shielding performance. <i>Materials Letters</i> , <b>2019</b> , 236, 116-119	3.3	6
33	Evaluating the interfacial properties of wrinkled graphene fiber through single-fiber fragmentation tests. <i>Journal of Materials Science</i> , <b>2020</b> , 55, 1023-1034	4.3	6
32	Influence of He/O <sub>2</sub> atmospheric pressure plasma pretreatment on sizing adhesion strength and breaking elongation of sized cotton rovings. <i>Textile Research Journal</i> , <b>2017</b> , 87, 682-693	1.7	5
31	Bending properties and failure mechanisms of three-dimensional hybrid woven spacer composites with glass and carbon fibers. <i>Textile Research Journal</i> , <b>2019</b> , 89, 4502-4511	1.7	5
30	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> , <b>2018</b> , 47, 2074-2091	1.6	5

29	Low-velocity drop weight impact behavior of Twaron <sup>®</sup> fabric investigated using experimental and numerical simulations. <i>International Journal of Impact Engineering</i> , <b>2021</b> , 149, 103796	4	5
28	Hierarchical assembly of silver and gold nanoparticles in two-dimension: Toward fluorescence enhanced detection platforms. <i>Applied Surface Science</i> , <b>2019</b> , 476, 1072-1078	6.7	4
27	Benzoyl peroxide thermo-crosslinked poly(ethylene-co-vinyl acetate) foam with two-way shape memory effect. <i>Materials Letters</i> , <b>2020</b> , 264, 127343	3.3	4
26	Electromagnetic performance and impact damage of the microstrip antennas integrated in cylindrical three dimensional woven composite structures. <i>Polymer Composites</i> , <b>2018</b> , 39, 3259-3267	3	4
25	Influence of Moisture on Effectiveness of Plasma Treatments of Polymer Surfaces. <i>Journal of Adhesion Science and Technology</i> , <b>2012</b> , 26, 1123-1139	2	4
24	Flexible nanopositioning actuators based on functional nanocomposites. <i>Composites Science and Technology</i> , <b>2020</b> , 186, 107937	8.6	4
23	Effects of Graphene-Oxide-Modified Coating on the Properties of Carbon-Fiber-Reinforced Polypropylene Composites. <i>Coatings</i> , <b>2018</b> , 8, 149	2.9	3
22	Simulation and experimental study of double-element antennas based on a three-dimensional woven structure with various curvature radii. <i>Textile Research Journal</i> , <b>2017</b> , 87, 216-223	1.7	3
21	Three-dimensional rope-like and cloud-like nanofibrous scaffolds facilitating in-depth cell infiltration developed using a highly conductive electrospinning system. <i>Nanoscale</i> , <b>2020</b> , 12, 16690-16696	7.7	3
20	Fast-curing halogen-free flame-retardant epoxy resins and their application in glass fiber-reinforced composites. <i>Textile Research Journal</i> , <b>2019</b> , 89, 3700-3707	1.7	3
19	Litter to Leaf: The Unexplored Potential of Silk Byproducts. <i>Trends in Biotechnology</i> , <b>2021</b> , 39, 706-718	15.1	3
18	Building effective core/shell polymer nanoparticles for epoxy composite toughening based on Hansen solubility parameters. <i>Nanotechnology Reviews</i> , <b>2021</b> , 10, 1183-1196	6.3	3
17	A numerical study on the low-velocity impact behavior of the Twaron <sup>®</sup> fabric subjected to oblique impact. <i>Reviews on Advanced Materials Science</i> , <b>2021</b> , 60, 980-994	4.8	3
16	Highly aligned nonwoven vapor grown carbon fibre based polyurethane fibrous membrane for direction-dependent microwave shielding. <i>Materials Letters</i> , <b>2019</b> , 245, 98-102	3.3	2
15	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> , <b>2020</b> , 305, 1900825	3.9	2
14	Sustained Local Delivery of Diclofenac from Three-Dimensional Ultrafine Fibrous Protein Scaffolds with Ultrahigh Drug Loading Capacity. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	2
13	Three dimensional woven fabrics as filter media in membrane bioreactor for wastewater treatment. <i>Journal of Materials Science</i> , <b>2013</b> , 48, 7869-7874	4.3	2
12	Three-dimensional woven structural glass fiber/polytetrafluoroethylene (PTFE) composite antenna with superb integrity and electromagnetic performance. <i>Composite Structures</i> , <b>2022</b> , 281, 115096	5.3	2

11	Reprocessable, Reworkable, and Mechanochromic Polyhexahydrotriazine Thermoset with Multiple Stimulus Responsiveness. <i>Polymers</i> , <b>2020</b> , 12,	4.5	2
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> , <b>2021</b> , 16, 155892502110184	0.9	2
9	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
8	Phase Separated Fibrous Structures: Mechanism Study and Applications. <i>ACS Symposium Series</i> , <b>2014</b> , 127-141	0.4	1
7	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
6	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
5	Structural modification of carbon nanotube film toward multifunctional composites via a wet-compression method. <i>Applied Nanoscience (Switzerland)</i> , <b>2021</b> , 11, 1817-1826	3.3	0
4	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
3	Review on intrinsically recyclable flame retardant thermosets enabled through covalent bonds. <i>Journal of Applied Polymer Science</i> ,	2.9	0
2	Modelling and Prediction of Stress Relaxation for Thermal Bonded Nonwoven Geotextiles. <i>Fibers and Polymers</i> , <b>2020</b> , 21, 1611-1617	2	
1	Epoxide Cross-Linked and Lysine-Blocked Zein Ultrafine Fibrous Scaffolds with Prominent Wet Stability and Cytocompatibility. <i>ACS Applied Polymer Materials</i> , <b>2021</b> , 3, 3855-3866	4.3	