

Menghe Miao

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141
papers

4,204
citations

33
h-index

59
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145
ext. papers

4,886
ext. citations

5.5
avg, IF

6.18
L-index

#	Paper	IF	Citations
141	High-performance two-ply yarn supercapacitors based on carbon nanotubes and polyaniline nanowire arrays. <i>Advanced Materials</i> , 2013 , 25, 1494-8	24	514
140	Core-spun carbon nanotube yarn supercapacitors for wearable electronic textiles. <i>ACS Nano</i> , 2014 , 8, 4571-9	16.7	206
139	High-performance two-ply yarn supercapacitors based on carbon nanotube yarns dotted with Co ₃ O ₄ and NiO nanoparticles. <i>Small</i> , 2015 , 11, 854-61	11	194
138	Influence of moisture absorption on the interfacial strength of bamboo/vinyl ester composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2009 , 40, 2013-2019	8.4	170
137	Electrical conductivity of pure carbon nanotube yarns. <i>Carbon</i> , 2011 , 49, 3755-3761	10.4	168
136	Poisson's ratio and porosity of carbon nanotube dry-spun yarns. <i>Carbon</i> , 2010 , 48, 2802-2811	10.4	114
135	Flexible supercapacitors based on carbon nanotube-MnO ₂ nanocomposite film electrode. <i>Chemical Engineering Journal</i> , 2019 , 371, 145-153	14.7	108
134	Commingled natural fibre/polypropylene wrap spun yarns for structured thermoplastic composites. <i>Composites Science and Technology</i> , 2010 , 70, 130-135	8.6	94
133	Yarn spun from carbon nanotube forests: Production, structure, properties and applications. <i>Particuology</i> , 2013 , 11, 378-393	2.8	86
132	A bio-based hyperbranched flame retardant for epoxy resins. <i>Chemical Engineering Journal</i> , 2020 , 381, 122719	14.7	86
131	Effect of gamma-irradiation on the mechanical properties of carbon nanotube yarns. <i>Carbon</i> , 2011 , 49, 4940-4947	10.4	84
130	Surface properties of low-temperature plasma treated wool fabrics. <i>Journal of Materials Processing Technology</i> , 1998 , 83, 180-184	5.3	75
129	Asymmetric carbon nanotube-MnO ₂ two-ply yarn supercapacitors for wearable electronics. <i>Nanotechnology</i> , 2014 , 25, 135401	3.4	74
128	Novel core/shell CoSe ₂ @PPy nanoflowers for high-performance fiber asymmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 10361-10369	13	54
127	Chitin nanocrystals grafted with poly(3-hydroxybutyrate-co-3-hydroxyvalerate) and their effects on thermal behavior of PHBV. <i>Carbohydrate Polymers</i> , 2012 , 87, 784-789	10.3	54
126	Two-ply yarn supercapacitor based on carbon nanotube/stainless steel core-sheath yarn electrodes and ionic liquid electrolyte. <i>Journal of Power Sources</i> , 2016 , 307, 489-495	8.9	53
125	Flexible, high performance Two-Ply Yarn Supercapacitors based on irradiated Carbon Nanotube Yarn and PEDOT/PSS. <i>Electrochimica Acta</i> , 2014 , 127, 433-438	6.7	53

124	Studies of JetRing Spinning Part I: Reducing Yarn Hairiness with the JetRing. <i>Textile Reseach Journal</i> , 1997 , 67, 253-258	1.7	53
123	Low Temperature Plasma on Wool Substrates: The Effect of the Nature of the Gas. <i>Textile Reseach Journal</i> , 1999 , 69, 407-416	1.7	52
122	Gamma-irradiated carbon nanotube yarn as substrate for high-performance fiber supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 2553-60	9.5	50
121	Recyclable thermoset hyperbranched polymers containing reversible hexahydro-s-triazine. <i>Nature Sustainability</i> , 2020 , 3, 29-34	22.1	48
120	Effects of humidity conditions at fabrication on the interfacial shear strength of flax/unsaturated polyester composites. <i>Composites Part B: Engineering</i> , 2014 , 60, 186-192	10	44
119	Flexible Asymmetric Threadlike Supercapacitors Based on NiCo Se Nanosheet and NiCo O /Polypyrrole Electrodes. <i>ChemSusChem</i> , 2017 , 10, 1427-1435	8.3	43
118	Highly aligned flax/polypropylene nonwoven preforms for thermoplastic composites. <i>Composites Science and Technology</i> , 2011 , 71, 1713-1718	8.6	42
117	Finite element models of natural fibers and their composites: A review. <i>Journal of Reinforced Plastics and Composites</i> , 2018 , 37, 617-635	2.9	38
116	Body armor for stab and spike protection, Part 1: Scientific literature review. <i>Textile Reseach Journal</i> , 2018 , 88, 812-832	1.7	36
115	High performance two-ply carbon nanocomposite yarn supercapacitors enhanced with a platinum filament and in situ polymerized polyaniline nanowires. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 3828-3834	13.4	36
114	Controllability of epoxy equivalent weight and performance of hyperbranched epoxy resins. <i>Composites Part B: Engineering</i> , 2019 , 160, 615-625	10	36
113	Influence of Spinning Parameters on Core Yarn Sheath Slippage and Other Properties. <i>Textile Reseach Journal</i> , 1996 , 66, 676-684	1.7	35
112	Yarn Twisting Dynamics. <i>Textile Reseach Journal</i> , 1993 , 63, 150-158	1.7	35
111	Effect of MWCNT dimension on the electrical percolation and mechanical properties of poly(vinylidene fluoride-hexafluoropropylene) based nanocomposites. <i>Synthetic Metals</i> , 2014 , 191, 99-103	3.6	34
110	High Performance Carbon Nanotube Yarn Supercapacitors with a Surface-Oxidized Copper Current Collector. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 25835-42	9.5	33
109	The role of twist in dry spun carbon nanotube yarns. <i>Carbon</i> , 2016 , 96, 819-826	10.4	33
108	The effect of low-temperature plasma on the chrome dyeing of wool fibre. <i>Journal of Materials Processing Technology</i> , 1998 , 82, 122-126	5.3	33
107	The Insertion of Twist Into Yarns by Means of Air-jets. Part I: An Experimental Study of Air-jet Spinning. <i>Journal of the Textile Institute</i> , 1987 , 78, 189-203	1.5	32

106	Moisture-Responsive Natural Fiber Coil-Structured Artificial Muscles. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 32256-32264	9.5	32
105	Effect of removing polypropylene fibre surface finishes on mechanical performance of kenaf/polypropylene composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2011 , 42, 1687-1693	8.4	31
104	High sensitivity knitted fabric strain sensors. <i>Smart Materials and Structures</i> , 2016 , 25, 105008	3.4	30
103	Production, structure and properties of twistless carbon nanotube yarns with a high density sheath. <i>Carbon</i> , 2012 , 50, 4973-4983	10.4	30
102	Reducing Yarn Hairiness with an Air-Jet Attachment During Winding. <i>Textile Research Journal</i> , 1997 , 67, 481-485	1.7	30
101	Conversion of Natural Fibres into Structural Composites. <i>Journal of Textile Engineering</i> , 2008 , 54, 165-173	7.3	30
100	Synthesis of a Degradable High-Performance Epoxy-Ended Hyperbranched Polyester. <i>ACS Omega</i> , 2017 , 2, 1350-1359	3.9	29
99	Microstructure and mechanical properties of z-pinned carbon fiber reinforced aluminum alloy composites. <i>Materials and Design</i> , 2015 , 86, 872-877	8.1	29
98	Degradable and recyclable bio-based thermoset epoxy resins. <i>Green Chemistry</i> , 2020 , 22, 4187-4198	10	28
97	The Insertion of Twist Into Yarns by Means of Air-jets. Part II: Twist Distribution and Twist-insertion Rates in Air-jet Twisting.. <i>Journal of the Textile Institute</i> , 1987 , 78, 204-219	1.5	27
96	Simultaneous Improvement on Strength, Modulus, and Elongation of Carbon Nanotube Films Functionalized by Hyperbranched Polymers. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 36278-36285	9.5	26
95	Highly efficient preparation of hyperbranched epoxy resins by UV-initiated thiol-ene click reaction. <i>Progress in Organic Coatings</i> , 2016 , 101, 178-185	4.8	25
94	An Experimental Study of the Needled Nonwoven Process Part II: Fiber Transport by Barbed Needles. <i>Textile Research Journal</i> , 2004 , 74, 394-398	1.7	24
93	Air Interlaced Yarn Structure and Properties. <i>Textile Research Journal</i> , 1995 , 65, 433-440	1.7	23
92	Construction of extensible and flexible supercapacitors from covalent organic framework composite membrane electrode. <i>Chemical Engineering Journal</i> , 2020 , 387, 124071	14.7	23
91	High performance flexible supercapacitor based on metal-organic-framework derived CoSe ₂ nanosheets on carbon nanotube film. <i>Journal of Power Sources</i> , 2021 , 490, 229517	8.9	23
90	Synthesis of degradable hyperbranched epoxy resins with high tensile, elongation, modulus and low-temperature resistance. <i>Composites Part B: Engineering</i> , 2020 , 192, 108005	10	23
89	Fabrication of Supercapacitors from NiCo ₂ O ₄ Nanowire/Carbon-Nanotube Yarn for Ultraviolet Photodetectors and Portable Electronics. <i>Energy Technology</i> , 2017 , 5, 1449-1456	3.5	22

88	A comparative study of electrodeposition techniques on the microstructure and property of nanocrystalline cobalt deposit. <i>Materials Chemistry and Physics</i> , 2013 , 139, 663-673	4.4	22
87	Fabric-bagging: Stress Distribution in Isotropic and Anisotropic Fabrics. <i>Journal of the Textile Institute</i> , 2000 , 91, 563-576	1.5	22
86	Prestressed natural fibre spun yarn reinforced polymer-matrix composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2015 , 75, 68-76	8.4	21
85	Effect of Low Temperature Plasma, Chlorination, and Polymer Treatments and Their Combinations on the Properties of Wool Fibers. <i>Textile Reseach Journal</i> , 1998 , 68, 814-820	1.7	21
84	A comparison of the twisted and untwisted structures for one-dimensional carbon nanotube assemblies. <i>Materials and Design</i> , 2018 , 146, 20-27	8.1	20
83	Solvent-Tunable Microstructures of Aligned Carbon Nanotube Films. <i>Advanced Materials Interfaces</i> , 2016 , 3, 1600352	4.6	20
82	TiO ₂ crystalline structure and electrochemical performance in two-ply yarn CNT/TiO ₂ asymmetric supercapacitors. <i>Journal of Materials Science</i> , 2017 , 52, 7733-7743	4.3	18
81	Wearable supercapacitors based on conductive cotton yarns. <i>Journal of Materials Science</i> , 2018 , 53, 14586-14598	4.3	18
80	Optimising fibre alignment in twisted yarns for natural fibre composites. <i>Journal of Composite Materials</i> , 2014 , 48, 2993-3002	2.7	17
79	Permeability anisotropy of flax nonwoven mats in vacuum-assisted resin transfer molding. <i>Journal of the Textile Institute</i> , 2011 , 102, 612-620	1.5	17
78	Flexible two-ply yarn supercapacitors based on carbon nanotube/stainless steel core spun yarns decorated with Co ₃ O ₄ nanoparticles and MnO _x composites. <i>Electrochimica Acta</i> , 2016 , 215, 535-542	6.7	17
77	Fiber-shaped Supercapacitor and Electrocatalyst Containing of Multiple Carbon Nanotube Yarns and One Platinum Wire. <i>Electrochimica Acta</i> , 2017 , 245, 69-78	6.7	16
76	Metallic conductivity transition of carbon nanotube yarns coated with silver particles. <i>Nanotechnology</i> , 2014 , 25, 275702	3.4	16
75	Closed-Loop Recycling of Both Resin and Fiber from High-Performance Thermoset Epoxy/Carbon Fiber Composites.. <i>ACS Macro Letters</i> , 2021 , 10, 1113-1118	6.6	16
74	Influence of microbond test parameters on interfacial shear strength of fiber reinforced polymer-matrix composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2017 , 100, 55-63	8.4	15
73	Functionalized carbon nanotube films by thiol-ene click reaction. <i>Applied Surface Science</i> , 2019 , 486, 1446-1452	6.5	15
72	The versatility of hyperbranched epoxy resins containing hexahydro-s-triazine on diglycidyl ether of bisphenol-A composites. <i>Composites Part B: Engineering</i> , 2020 , 196, 108109	10	15
71	Mechanical and abrasive wear performance of woven flax fabric/polyoxymethylene composites. <i>Wear</i> , 2018 , 414-415, 9-20	3.5	15

70	Synthesis and Degradation Mechanism of Self-Cured Hyperbranched Epoxy Resins from Natural Citric Acid. <i>ACS Omega</i> , 2018 , 3, 8141-8148	3.9	14
69	High sensitivity knitted fabric bi-directional pressure sensor based on conductive blended yarn. <i>Smart Materials and Structures</i> , 2019 , 28, 035017	3.4	13
68	Optimizing twisted yarn structure for natural fiber-reinforced polymeric composites. <i>Journal of Composite Materials</i> , 2018 , 52, 373-381	2.7	13
67	Preparation of Mesoporous Silica from Electrolytic Manganese Slags by Using Amino-Ended Hyperbranched Polyamide as Template. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 10258-10265	8.3	13
66	An Experimental Study of the Needled Nonwoven Process: Part I: Fiber Geometry Before Needle Punching. <i>Textile Reseach Journal</i> , 2004 , 74, 329-332	1.7	13
65	An Experimental Study of the Needled Nonwoven Process: Part III: Fiber Damage Due to Needling. <i>Textile Reseach Journal</i> , 2004 , 74, 485-490	1.7	13
64	Influence of Machine Variables on Two-Strand Yarn Spinning Geometry. <i>Textile Reseach Journal</i> , 1993 , 63, 116-120	1.7	13
63	High-speed video graphic study of filament-core yarn spinning. <i>Journal of the Textile Institute</i> , 2010 , 101, 242-252	1.5	12
62	Tuning morphology and functionality of two-component self-assembly induced by H-bond and π stacking. <i>Dyes and Pigments</i> , 2019 , 170, 107586	4.6	11
61	Sandwich-Structured Transition Metal Oxide/Graphene/Carbon Nanotube Composite Yarn Electrodes for Flexible Two-Ply Yarn Supercapacitors. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 5752-5759	3.9	11
60	Self-assembly of amido-ended hyperbranched polyester films with a highly ordered dendritic structure. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 16375-83	9.5	11
59	Optimising processing conditions of flax fabric reinforced Acrodur biocomposites. <i>Journal of Composite Materials</i> , 2014 , 48, 3281-3292	2.7	11
58	Biodegradable mulch fabric by surface fibrillation and entanglement of plant fibers. <i>Textile Reseach Journal</i> , 2013 , 83, 1906-1917	1.7	11
57	Monitoring mitochondrial ATP in live cells: An ATP multisite-binding fluorescence turn-on probe. <i>Dyes and Pigments</i> , 2019 , 163, 559-563	4.6	11
56	Simultaneous toughening and strengthening of diglycidyl ether of bisphenol-a using epoxy-ended hyperbranched polymers obtained from thiol-ene click reaction. <i>Polymer Engineering and Science</i> , 2018 , 58, 1703-1709	2.3	11
55	Preparation of nanocomposites with epoxy resins and thiol-functionalized carbon nanotubes by thiol-ene click reaction. <i>Polymer Testing</i> , 2019 , 77, 105912	4.5	10
54	Electrical percolation of fibre mixtures. <i>Applied Physics A: Materials Science and Processing</i> , 2015 , 121, 589-595	2.6	10
53	The Role of False Twist in Wrap Spinning. <i>Textile Reseach Journal</i> , 1994 , 64, 41-48	1.7	10

52	Multi-scale constitutive modeling of natural fiber fabric reinforced composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2018 , 115, 383-396	8.4	10
51	Synthesis of renewable and self-curable thermosetting hyperbranched polymers by a click reaction. <i>Progress in Organic Coatings</i> , 2019 , 134, 189-196	4.8	9
50	Closed-Loop Recyclable Fully Bio-Based Epoxy Vitrimers from Ferulic Acid-Derived Hyperbranched Epoxy Resin. <i>Macromolecules</i> ,	5.5	9
49	A multifunctional supercapacitor based on 2D nanosheets on a flexible carbon nanotube film. <i>Dalton Transactions</i> , 2020 , 49, 9312-9321	4.3	8
48	Predicting tensile behaviors of short flax fiber-reinforced polymer matrix composites using a modified shear-lag model. <i>Journal of Composite Materials</i> , 2018 , 52, 3701-3713	2.7	8
47	Microbond testing and finite element simulation of fibre-microballoon-epoxy ternary composites. <i>Polymer Testing</i> , 2018 , 65, 450-458	4.5	8
46	Amino-ended hyperbranched polyamide as template for tuning the morphology of self-assembled ZnS particles. <i>Materials Chemistry and Physics</i> , 2016 , 184, 162-171	4.4	8
45	Load transfer of thiol-ended hyperbranched polymers to improve simultaneously strength and elongation of CNTs/epoxy nanocomposites. <i>European Polymer Journal</i> , 2019 , 120, 109254	5.2	8
44	Enhanced mechanical performance of CNT/Polymer composite yarns by γ irradiation. <i>Fibers and Polymers</i> , 2014 , 15, 322-325	2	8
43	Morphology and tensile properties of bast fibers extracted from cotton stalks. <i>Textile Reseach Journal</i> , 2014 , 84, 303-311	1.7	8
42	Commingling Self-Twist Yarn with Filaments1. <i>Textile Reseach Journal</i> , 1994 , 64, 563-569	1.7	8
41	Preparation of Epoxy Resins with Excellent Comprehensive Performance by Thiol-Epoxy Click Reaction. <i>Progress in Organic Coatings</i> , 2020 , 139, 105436	4.8	8
40	The precise effect of degree of branching of epoxy-ended hyperbranched polymers on intrinsic property and performance. <i>Progress in Organic Coatings</i> , 2019 , 127, 157-167	4.8	8
39	Mechanisms of Yarn Twist Blockage. <i>Textile Reseach Journal</i> , 1998 , 68, 135-140	1.7	7
38	Epoxidation of agricultural byproduct konjac fly powder and utilization in toughening and strengthening epoxy resin. <i>Industrial Crops and Products</i> , 2020 , 146, 112161	5.9	7
37	Body armor for stab and spike protection, Part 2: a review of test methods. <i>Textile Reseach Journal</i> , 2019 , 89, 3411-3430	1.7	7
36	Characteristics of carbon nanotube yarn structure unveiled by acoustic wave propagation. <i>Carbon</i> , 2015 , 91, 163-170	10.4	6
35	Water-responsive artificial muscles from commercial viscose fibers without chemical treatment. <i>Materials Research Letters</i> , 2020 , 8, 232-238	7.4	6

34	A novel method for preparation of epoxy resins using thiol-ene click reaction. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	6
33	Cotton-silver Strength and Withdrawal-speed Limit. <i>Journal of the Textile Institute</i> , 1998 , 89, 468-479	1.5	6
32	Helical shape linen artificial muscles responsive to water. <i>Smart Materials and Structures</i> , 2021 , 30, 0750314	3.4	6
31	Dynamic modulus and strain wave velocity in ballistic fibre strands. <i>Journal of Materials Science</i> , 2016 , 51, 5939-5947	4.3	6
30	Preparation of epoxy-ended hyperbranched polymers with precisely controllable degree of branching by thiol-ene Michael addition. <i>Journal of Applied Polymer Science</i> , 2016 , 133,	2.9	6
29	Synthesis of Recyclable Hyperbranched Polymers with High Efficiency of Promoting Degradation of Epoxy Resins. <i>ChemistrySelect</i> , 2018 , 3, 4873-4883	1.8	6
28	Synthesis of epoxy-ended hyperbranched polyesters with reinforcing and toughening function for diglycidyl ether of bisphenol-A. <i>Polymer Composites</i> , 2018 , 39, E2046-E2055	3	6
27	The Dispersion of Pulp-Fiber in High-Density Polyethylene via Different Fabrication Processes. <i>Polymers</i> , 2018 , 10,	4.5	5
26	A method of mobilizing and aligning carbon nanotubes and its use in gel spinning of composite fibres. <i>Carbon</i> , 2013 , 57, 217-226	10.4	5
25	High-performance wool blends 2009 , 284-307		5
24	Air Interlaced Self-Twist Yarns. <i>Textile Reseach Journal</i> , 1997 , 67, 188-193	1.7	5
23	Mechanism of Electrical Conductivity in Metallic Fiber-Based Yarns. <i>Autex Research Journal</i> , 2020 , 20, 63-68	1	5
22	High-performance flexible self-powered strain sensor based on carbon nanotube/ZnSe/CoSe2 nanocomposite film electrodes. <i>Nano Research</i> , 1	10	5
21	Twist requirement for blended yarns. <i>Journal of the Textile Institute</i> , 2017 , 108, 852-855	1.5	4
20	Flexible Supercapacitors Fabricated by Growing Porous NiCo2O4 In Situ on a Carbon Nanotube Film Using a Hyperbranched Polymer Template. <i>ACS Applied Energy Materials</i> , 2020 , 3, 4043-4050	6.1	4
19	AIEE based Turn-on/Fluorescent sensor for Al ³⁺ ions and induced tetraphenylethene self-assemblies. <i>Organic Electronics</i> , 2020 , 85, 105820	3.5	4
18	Improvement of filtration efficiency by fibre surface nanofibrillation. <i>Journal of the Textile Institute</i> , 2012 , 103, 719-723	1.5	4
17	Influences of moisture absorption and chemical treatments on the resin flow characteristics of natural fibre nonwoven mats. <i>Journal of the Textile Institute</i> , 2012 , 103, 1024-1030	1.5	4

16	Influence of the molecular weights of amino-ended hyperbranched polyamide template on the morphology of self-assembled ZnS nanoparticles. <i>Macromolecular Research</i> , 2016 , 24, 892-899	1.9	4
15	Influence of vinyl-terminated hyperbranched polyester on performance of films obtained by UV-initiated thiol-ene click reaction of A2 + B3 system 2018 , 15, 1049-1057		3
14	Fiber blending 2018 , 59-79		3
13	Transition of electrical conductivity in carbon nanotube/silver particle composite buckypapers. <i>Particuology</i> , 2014 , 17, 15-21	2.8	3
12	Synthesis and shape memory behavior of hyperbranched polyimides from thiol-ene click reaction. <i>EXPRESS Polymer Letters</i> , 2020 , 14, 192-204	3.4	3
11	Carbon nanotube yarn-based actuators 2020 , 271-291		3
10	Carbon nanotube yarns for electronic textiles 2015 , 55-72		2
9	Prestrained twistless flax yarn as reinforcement for polymer-matrix composites. <i>Polymer Composites</i> , 2020 , 41, 930-938	3	2
8	Yarn production from carbon nanotube forests 2020 , 13-36		2
7	Tuning the morphology of melamine-induced tetraphenylethene self-assemblies for melamine detecting. <i>Organic Electronics</i> , 2020 , 76, 105476	3.5	2
6	Carbon nanotube yarn structures and properties 2020 , 137-182		2
5	Hyperbranched polymers containing epoxy and imide structure. <i>Progress in Organic Coatings</i> , 2021 , 151, 106031	4.8	2
4	Fiber selection and substitution 2018 , 3-26		1
3	Solution-spun carbon nanotube fibers 2020 , 61-69		0
2	Controllability on topological structures and properties of hyperbranched epoxy resins. <i>Progress in Organic Coatings</i> , 2022 , 165, 106735	4.8	
1	3D Spacer Fabric Structure for the Prevention and Care of Pressure Ulcers. <i>IEEE Access</i> , 2020 , 8, 213512-213521	3.5	