

# HaoKai Peng

## List of Publications by Year in descending order

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240  
papers

3,281  
citations

201385

27  
h-index

288905

40  
g-index

240  
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240  
docs citations

240  
times ranked

3047  
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation and Compatibility Evaluation of Polypropylene/High Density Polyethylene Polyblends. <i>Materials</i> , 2015, 8, 8850-8859.	1.3	104
2	Zeolitic Imidazolate Framework-8/Polypropylene/Polycarbonate Barklike Meltblown Fibrous Membranes by a Facile in Situ Growth Method for Efficient PM <sub>2.5</sub> Capture. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 8730-8739.	4.0	95
3	Dual-Shell Photothermoelectric Textile Based on a PPy Photothermal Layer for Solar Thermal Energy Harvesting. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 55072-55082.	4.0	83
4	Polypropylene/Graphene and Polypropylene/Carbon Fiber Conductive Composites: Mechanical, Crystallization and Electromagnetic Properties. <i>Applied Sciences (Switzerland)</i> , 2015, 5, 1196-1210.	1.3	78
5	Recent advances in multifunctional hydroxyapatite coating by electrochemical deposition. <i>Journal of Materials Science</i> , 2020, 55, 6352-6374.	1.7	68
6	Microstructure and characterization of electrospun poly(vinyl alcohol) nanofiber scaffolds filled with graphene nanosheets. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	61
7	In situ growth polydopamine decorated polypropylen melt-blown membrane for highly efficient oil/water separation. <i>Chemosphere</i> , 2020, 254, 126873.	4.2	61
8	Low-cost hydrogel adsorbent enhanced by trihydroxy melamine and $\beta$ -cyclodextrin for the removal of Pb(II) and Ni(II) in water. <i>Journal of Hazardous Materials</i> , 2021, 411, 125029.	6.5	58
9	Effects of ultrasonic treatment and current density on the properties of hydroxyapatite coating via electrodeposition and its in vitro biomineralization behavior. <i>Materials Science and Engineering C</i> , 2019, 105, 110062.	3.8	48
10	Applying vermiculite and perlite fillers to sound-absorbing/thermal-insulating resilient PU foam composites. <i>Fibers and Polymers</i> , 2015, 16, 691-698.	1.1	47
11	Synergistic work of photo-thermoelectric and hydroelectric effects of hierarchical structure photo-thermoelectric textile for solar energy harvesting and solar steam generation simultaneously. <i>Chemical Engineering Journal</i> , 2021, 426, 131923.	6.6	47
12	Two-step strategy for constructing hierarchical pore structured chitosan/hydroxyapatite composite scaffolds for bone tissue engineering. <i>Carbohydrate Polymers</i> , 2021, 260, 117765.	5.1	43
13	Construction of BiOI/TiO <sub>2</sub> flexible and hierarchical S-scheme heterojunction nanofibers membranes for visible-light-driven photocatalytic pollutants degradation. <i>Science of the Total Environment</i> , 2022, 806, 150698.	3.9	43
14	Dopamine-decorated lotus leaf-like PVDF/TiO <sub>2</sub> membrane with underwater superoleophobic for highly efficient oil-water separation. <i>Chemical Engineering Research and Design</i> , 2021, 147, 788-797.	2.7	42
15	Polypropylene/Short Glass Fibers Composites: Effects of Coupling Agents on Mechanical Properties, Thermal Behaviors, and Morphology. <i>Materials</i> , 2015, 8, 8279-8291.	1.3	40
16	Core-shell structured TiO <sub>2</sub> @PVDF/PAN electrospun membranes for photocatalysis and oil-water separation. <i>Polymer Composites</i> , 2020, 41, 1013-1023.	2.3	40
17	Bioinspired design of underwater superoleophobic Poly(N-isopropylacrylamide)/polyacrylonitrile/TiO <sub>2</sub> nanofibrous membranes for highly efficient oil/water separation and photocatalysis. <i>Environmental Research</i> , 2020, 186, 109494.	3.7	40
18	Properties and Mechanism of Hydroxyapatite Coating Prepared by Electrodeposition on a Braid for Biodegradable Bone Scaffolds. <i>Nanomaterials</i> , 2019, 9, 679.	1.9	39

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19	Biomass poplar catkin fiber-based superhydrophobic aerogel with tubular-lamellar interweaved neurons-like structure. <i>Journal of Hazardous Materials</i> , 2022, 429, 128290.	6.5	38
20	Polypropylene/high-density polyethylene/carbon fiber composites: Manufacturing techniques, mechanical properties, and electromagnetic interference shielding effectiveness. <i>Fibers and Polymers</i> , 2017, 18, 155-161.	1.1	37
21	The efficacy of coconut fibers on the sound-absorbing and thermal-insulating nonwoven composite board. <i>Fibers and Polymers</i> , 2013, 14, 1378-1385.	1.1	36
22	Improvement in Mechanical Properties and Electromagnetic Interference Shielding Effectiveness of PVA-Based Composites: Synergistic Effect Between Graphene Nano-Sheets and Multi-Walled Carbon Nanotubes. <i>Macromolecular Materials and Engineering</i> , 2016, 301, 199-211.	1.7	36
23	Stainless steel/polyester woven fabrics and copper/polyester woven fabrics: Manufacturing techniques and electromagnetic shielding effectiveness. <i>Journal of Industrial Textiles</i> , 2016, 46, 214-236.	1.1	32
24	PP/TiO <sub>2</sub> Melt-Blown Membranes for Oil/Water Separation and Photocatalysis: Manufacturing Techniques and Property Evaluations. <i>Polymers</i> , 2019, 11, 775.	2.0	32
25	Eco-friendly versatile protective polyurethane/triclosan coated polylactic acid nonwovens for medical covers application. <i>Journal of Cleaner Production</i> , 2021, 282, 124455.	4.6	32
26	Mechanical properties, thermal stability, sound absorption, and flame retardancy of rigid PU foam composites containing a fire-retarding agent: Effect of magnesium hydroxide and aluminum hydroxide. <i>Polymers for Advanced Technologies</i> , 2019, 30, 2045-2055.	1.6	30
27	Polypropylene/Polyvinyl Alcohol/Metal-Organic Framework-Based Melt-Blown Electrospun Composite Membranes for Highly Efficient Filtration of PM <sub>2.5</sub> . <i>Nanomaterials</i> , 2020, 10, 2025.	1.9	29
28	Evaluation of high-modulus, puncture-resistance composite nonwoven fabrics by response surface methodology. <i>Journal of Industrial Textiles</i> , 2013, 43, 247-263.	1.1	28
29	Tuning the gradient structure of highly breathable, permeable, directional water transport in bi-layered Janus fibrous membranes using electrospinning. <i>RSC Advances</i> , 2020, 10, 3529-3538.	1.7	28
30	Metal/PET Composite Knitted Fabrics and Composites: Structural Design and Electromagnetic Shielding Effectiveness. <i>Journal of Electronic Materials</i> , 2012, 41, 2267-2273.	1.0	27
31	Biodegradable Bisvinyl Sulfonemethyl-crosslinked Gelatin Conduit Promotes Regeneration after Peripheral Nerve Injury in Adult Rats. <i>Scientific Reports</i> , 2017, 7, 17489.	1.6	27
32	Protective rigid fiber-reinforced polyurethane foam composite boards: Sound absorption, drop-weight impact and mechanical properties. <i>Fibers and Polymers</i> , 2016, 17, 2116-2123.	1.1	26
33	Multifunctional, Polyurethane-Based Foam Composites Reinforced by a Fabric Structure: Preparation, Mechanical, Acoustic, and EMI Shielding Properties. <i>Materials</i> , 2018, 11, 2085.	1.3	26
34	Synergistic Effect and Characterization of Graphene/Carbon Nanotubes/Polyvinyl Alcohol/Sodium Alginate Nanofibrous Membranes Formed Using Continuous Needleless Dynamic Linear Electrospinning. <i>Nanomaterials</i> , 2019, 9, 714.	1.9	26
35	Low-velocity impact behavior of flexible sandwich composite with polyurethane grid sealing shear thickening fluid core. <i>Journal of Sandwich Structures and Materials</i> , 2020, 22, 1274-1291.	2.0	26
36	Crystallization, mechanical, and electromagnetic properties of conductive polypropylene/SEBS composites. <i>Journal of Polymer Research</i> , 2016, 23, 1.	1.2	25

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37	Nonwoven fabric/spacer fabric/polyurethane foam composites: Physical and mechanical evaluations. <i>Fibers and Polymers</i> , 2016, 17, 789-794.	1.1	25
38	Biodegradable Polyvinyl Alcohol Vascular Stents: Structural Model and Mechanical and Biological Property Evaluation. <i>Materials Science and Engineering C</i> , 2018, 91, 404-413.	3.8	25
39	Acoustic absorption evaluation of high-modulus puncture resistance composites made by recycled selvages. <i>Textile Reseach Journal</i> , 2012, 82, 1597-1611.	1.1	24
40	Sound absorption and compressive property of PU foam-filled composite sandwiches: Effects of needle-punched fabric structure, porous structure, and fabric-foam interface. <i>Polymers for Advanced Technologies</i> , 2020, 31, 451-460.	1.6	24
41	Highly Absorbent Antibacterial Hemostatic Dressing for Healing Severe Hemorrhagic Wounds. <i>Materials</i> , 2016, 9, 793.	1.3	23
42	Mass-Production and Characterizations of Polyvinyl Alcohol/Sodium Alginate/Graphene Porous Nanofiber Membranes Using Needleless Dynamic Linear Electrospinning. <i>Polymers</i> , 2018, 10, 1167.	2.0	23
43	Silk fibroin/polycaprolactone-polyvinyl alcohol directional moisture transport composite film loaded with antibacterial drug-loading microspheres for wound dressing materials. <i>International Journal of Biological Macromolecules</i> , 2022, 207, 580-591.	3.6	23
44	Determination of electromagnetic shielding and antibacterial properties of multifunctional warp-knitted fabrics. <i>Journal of the Textile Institute</i> , 2015, 106, 1203-1211.	1.0	22
45	Nitrogen/phosphorus synergistic flame retardant-filled flexible polyurethane foams: microstructure, compressive stress, sound absorption, and combustion resistance. <i>RSC Advances</i> , 2019, 9, 21192-21201.	1.7	22
46	Intensifying the Antimicrobial Activity of Poly[2-(tert-butylamino)ethyl Methacrylate]/Polylactide Composites by Tailoring Their Chemical and Physical Structures. <i>Molecular Pharmaceutics</i> , 2019, 16, 709-723.	2.3	22
47	Multiscale composite nanofiber membranes with asymmetric watability: preparation, characterization, and applications in wound dressings. <i>Journal of Materials Science</i> , 2021, 56, 4407-4419.	1.7	22
48	Recyclable and degradable nonwoven-based double-network composite hydrogel adsorbent for efficient removal of Pb(II) and Ni(II) from aqueous solution. <i>Science of the Total Environment</i> , 2021, 758, 143640.	3.9	22
49	Sustainable cellulose-based aerogels fabricated by directional freeze-drying as excellent sound-absorption materials. <i>Journal of Materials Science</i> , 2021, 56, 18762-18774.	1.7	22
50	Manufacture technique and electrical properties evaluation of bamboo charcoal polyester/stainless steel complex yarn and knitted fabrics. <i>Fibers and Polymers</i> , 2010, 11, 856-860.	1.1	21
51	Chitosan/gelatin porous bone scaffolds made by crosslinking treatment and freeze-drying technology: Effects of crosslinking durations on the porous structure, compressive strength, and <i>in vitro</i> cytotoxicity. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	21
52	Synergistic effects of micro-/nano-fillers on conductive and electromagnetic shielding properties of polypropylene nanocomposites. <i>Materials and Manufacturing Processes</i> , 2018, 33, 149-155.	2.7	21
53	Exploring the Interfacial Phase and $\pi$ - $\pi$ Stacking in Aligned Carbon Nanotube/Polyimide Nanocomposites. <i>Nanomaterials</i> , 2020, 10, 1158.	1.9	21
54	Thermoplastic polyvinyl alcohol/multiwalled carbon nanotube composites: Preparation, mechanical properties, thermal properties, and electromagnetic shielding effectiveness. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	20

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55	Puncture-resisting, sound-absorbing and thermal-insulating properties of polypropylene-selvages reinforced composite nonwovens. <i>Journal of Industrial Textiles</i> , 2016, 45, 1477-1489.	1.1	20
56	Ballistic-resistant stainless steel mesh compound nonwoven fabric. <i>Fibers and Polymers</i> , 2008, 9, 761-767.	1.1	19
57	Biomedical Applications of Antibacterial Nanofiber Mats Made of Electrospinning with Wire Electrodes. <i>Applied Sciences (Switzerland)</i> , 2016, 6, 46.	1.3	19
58	Tuning lightweight, flexible, self-cleaning bio-inspired core-shell structure of nanofiber films for high-performance electromagnetic interference shielding. <i>Journal of Materials Science</i> , 2020, 55, 13008-13022.	1.7	19
59	Manufacture and effectiveness evaluations of high-modulus electromagnetic interference shielding/puncture resisting composites. <i>Textile Research Journal</i> , 2013, 83, 1796-1807.	1.1	18
60	Sound absorbent, flame retardant warp knitting spacer fabrics: Manufacturing techniques and characterization evaluations. <i>Fibers and Polymers</i> , 2015, 16, 2682-2688.	1.1	18
61	Poly(lactic acid)/carbon fiber composites: Effects of functionalized elastomers on mechanical properties, thermal behavior, surface compatibility, and electrical characteristics. <i>Fibers and Polymers</i> , 2016, 17, 615-623.	1.1	18
62	Far-infrared emissive polypropylene/wood flour wood plastic composites: Manufacturing technique and property evaluations. <i>Journal of Composite Materials</i> , 2016, 50, 2099-2109.	1.2	17
63	Manufacturing techniques, mechanical properties, far infrared emissivity, and electromagnetic shielding effectiveness of stainless steel/polyester/bamboo charcoal knits. <i>Fibers and Polymers</i> , 2017, 18, 597-604.	1.1	17
64	Effects of STF and Fiber Characteristics on Quasi-Static Stab Resistant Properties of Shear Thickening Fluid (STF)-Impregnated UHMWPE/Kevlar Composite Fabrics. <i>Fibers and Polymers</i> , 2019, 20, 328-336.	1.1	17
65	Improvement on properties of Chinese lacquer by polyamidoamine. <i>Polymer Engineering and Science</i> , 2020, 60, 1177-1185.	1.5	17
66	Compatibility and mechanical properties of maleicanhydride modified the wood plastic composite. <i>Journal of Reinforced Plastics and Composites</i> , 2013, 32, 802-810.	1.6	16
67	Manufacture and properties of protective sound-absorbing mesh-reinforced composite foam board: Effects of filler content and mesh opening. <i>Fibers and Polymers</i> , 2015, 16, 2046-2055.	1.1	16
68	Manufacture technique and performance evaluation of electromagnetic-shielding/far-infrared elastic warp-knitted composite fabrics. <i>Journal of the Textile Institute</i> , 2016, 107, 493-503.	1.0	16
69	Electromagnetic shielding, wicking, and drying characteristics of CSP/AN/SSW hybrid yarns-incorporated woven fabrics. <i>Journal of Industrial Textiles</i> , 2016, 46, 950-967.	1.1	16
70	Enhancing piezoelectricity of poly(vinylidene fluoride) nano-wrapped yarns with an innovative yarn electrospinning technique. <i>Polymer International</i> , 2021, 70, 851-859.	1.6	16
71	Investigation and fabrication of multifunctional metal composite knitted fabrics. <i>Textile Research Journal</i> , 2015, 85, 188-199.	1.1	15
72	Effects of hydrotalcite on rigid polyurethane foam composites containing a fire retarding agent: compressive stress, combustion resistance, sound absorption, and electromagnetic shielding effectiveness. <i>RSC Advances</i> , 2018, 8, 33542-33550.	1.7	15

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73	Synergistic Effects of Needle Punching and Shear-Thickening Fluid on Sandwich-Structured Composites Made of Nonwoven and Woven Fabrics. <i>Fibers and Polymers</i> , 2020, 21, 1515-1522.	1.1	15
74	Sustainable phenolic thermosets coatings derived from urushiol. <i>Polymer Engineering and Science</i> , 2021, 61, 489-496.	1.5	15
75	Effects of needle-punched nonwoven structure on the properties of sandwich flexible composites under static loading and low-velocity impact. <i>Journal of Composite Materials</i> , 2017, 51, 1045-1056.	1.2	14
76	Process technology and performance evaluation of functional knee pad. <i>Fibers and Polymers</i> , 2010, 11, 136-141.	1.1	13
77	Effects of needle-punching and thermo-bonding on mechanical and EMI shielding properties of puncture-resisting composites reinforced with fabrics. <i>Fibers and Polymers</i> , 2014, 15, 315-321.	1.1	13
78	Bamboo charcoal/phase change material/stainless steel ring-spun complex yarn and its far-infrared/anion-releasing elastic warp-knitted fabric: Fabrication and functional evaluation. <i>Journal of Industrial Textiles</i> , 2016, 46, 624-642.	1.1	13
79	Effects of Taxol on Regeneration in a Rat Sciatic Nerve Transection Model. <i>Scientific Reports</i> , 2017, 7, 42280.	1.6	13
80	Mechanical, acoustic, and thermal performances of shear thickening fluid-filled rigid polyurethane foam composites: Effects of content of shear thickening fluid and particle size of silica. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47359.	1.3	13
81	Modified polypropylene/ thermoplastic polyurethane blends with maleic-anhydride grafted polypropylene: blending morphology and mechanical behaviors. <i>Journal of Polymer Research</i> , 2020, 27, 1.	1.2	13
82	Manufacture and characteristics of HA-Electrodeposited polylactic acid/polyvinyl alcohol biodegradable braided scaffolds. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 103, 103555.	1.5	13
83	Effects of bi-particle-sized shear thickening fluid on rheological behaviors and stab resistance of Kevlar fabrics. <i>Journal of Industrial Textiles</i> , 2022, 51, 3014S-3029S.	1.1	13
84	Preparation and property evaluations of PCL/PLA composite films. <i>Journal of Polymer Research</i> , 2021, 28, 1.	1.2	13
85	Electromagnetically shielding composite made from carbon fibers, glass fibers, and impact-resistant polypropylene. <i>Journal of Thermoplastic Composite Materials</i> , 2014, 27, 1451-1460.	2.6	12
86	Wicking behavior and dynamic elastic recovery properties of multifunction elastic warp-knitted fabrics. <i>Textile Research Journal</i> , 2015, 85, 1486-1496.	1.1	12
87	Effects of structure design on resilience and acoustic absorption properties of porous flexible-foam based perforated composites. <i>Fibers and Polymers</i> , 2015, 16, 2652-2662.	1.1	12
88	Recovery evaluation of rats' damaged tibias: Implantation of core-shell structured bone scaffolds made using hollow braids and a freeze-thawing process. <i>Materials Science and Engineering C</i> , 2017, 79, 481-490.	3.8	12
89	Increased Calcitonin Gene-Related Peptide and Macrophages Are Involved in Astragalus membranaceus-Mediated Peripheral Nerve Regeneration in Rats. <i>The American Journal of Chinese Medicine</i> , 2018, 46, 69-86.	1.5	12
90	Hybrid-Fiber-Reinforced Composite Boards Made of Recycled Aramid Fibers: Preparation and Puncture Properties. <i>Fibers and Polymers</i> , 2019, 20, 398-405.	1.1	12

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91	Effects of Electrical Stimulation on Peripheral Nerve Regeneration in a Silicone Rubber Conduit in Taxol-Treated Rats. <i>Materials</i> , 2020, 13, 1063.	1.3	12
92	Silver-Catalyzed Regioselective Synthesis of Highly Substituted 2-Trifluoromethyl Pyrroles. <i>Organic Letters</i> , 2021, 23, 6352-6356.	2.4	12
93	Two methods for constructing ZIF-8 nanomaterials with good bio compatibility and robust antibacterial applied to biomedical. <i>Journal of Biomaterials Applications</i> , 2022, 36, 1042-1054.	1.2	12
94	Preparation of Needleless Electrospinning Polyvinyl Alcohol/Water-Soluble Chitosan Nanofibrous Membranes: Antibacterial Property and Filter Efficiency. <i>Polymers</i> , 2022, 14, 1054.	2.0	12
95	Static and dynamic puncture failure behaviors of 3D needle-punched compound fabric based on Weibull distribution. <i>Textile Research Journal</i> , 2014, 84, 1903-1914.	1.1	11
96	Preparation and property evaluation of sound-absorbing/thermal-insulating PU composite boards with cushion protection. <i>Fibers and Polymers</i> , 2014, 15, 1478-1483.	1.1	11
97	Comfort and Functional Properties of Far-Infrared/Anion-Releasing Warp-Knitted Elastic Composite Fabrics Using Bamboo Charcoal, Copper, and Phase Change Materials. <i>Applied Sciences (Switzerland)</i> , 2016, 6, 62.	1.3	11
98	Characterization of acoustic-absorbing inter/intra-ply hybrid laminated composites under dynamic loading. <i>Fibers and Polymers</i> , 2016, 17, 439-452.	1.1	11
99	Statistical analyses for tensile properties of nonwoven geotextiles at different ambient environmental temperatures. <i>Journal of Industrial Textiles</i> , 2017, 47, 331-347.	1.1	11
100	Poly(lactide)/carbon fiber composites: Effects of poly(lactide)-g-maleic anhydride on mechanical properties, thermal behavior, surface compatibility, and electrical characteristics. <i>Journal of Composite Materials</i> , 2018, 52, 405-416.	1.2	11
101	Investigation of the Shear Thickening Fluid Encapsulation in an Orifice Coagulation Bath. <i>Polymers</i> , 2019, 11, 519.	2.0	11
102	Effects of Perforation on Rigid PU Foam Plates: Acoustic and Mechanical Properties. <i>Materials</i> , 2016, 9, 1000.	1.3	10
103	Polyethylene terephthalate/basalt stab-resistant sandwich composites based on the Box-Cox Behnken design: Parameter optimization and empirical regression model. <i>Journal of Sandwich Structures and Materials</i> , 2020, 22, 2391-2407.	2.0	10
104	A Study on the Improvement of Using Raw Lacquer and Electrospinning on Properties of PVP Nanofilms. <i>Nanomaterials</i> , 2020, 10, 1723.	1.9	10
105	Manufacturing technique and acoustic evaluation of sandwich laminates reinforced high-resilience inter/intra-ply hybrid composites. <i>Fibers and Polymers</i> , 2014, 15, 2201-2210.	1.1	9
106	Moisture Comfort and Antibacterial Properties of Elastic Warp-Knitted Fabrics. <i>Autex Research Journal</i> , 2015, 15, 60-66.	0.6	9
107	Poly(l-lactide)/sodium alginate/chitosan microsphere hybrid scaffolds made with braiding manufacture and adhesion technique: Solution to the incongruence between porosity and compressive strength. <i>Materials Science and Engineering C</i> , 2015, 52, 111-120.	3.8	9
108	Compressive properties of high-resilience thermal-bonding cushioning inter/intra-ply hybrid composites. <i>Journal of Composite Materials</i> , 2015, 49, 3823-3835.	1.2	9

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109	Stainless steel/nitinol braid coronary stents: Braiding structure stability and cut section treatment evaluation. <i>Journal of Industrial Textiles</i> , 2016, 45, 965-977.	1.1	9
110	Effects of yarn types and fabric types on the compliance and bursting strength of vascular grafts. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016, 59, 474-483.	1.5	9
111	Effects of endogenous inflammation signals elicited by nerve growth factor, interferon- $\gamma$ , and interleukin-4 on peripheral nerve regeneration. <i>Journal of Biological Engineering</i> , 2019, 13, 86.	2.0	9
112	Rheological response and quasi-static stab resistance of STF/MWCNTs-impregnated aramid fabrics with different textures. <i>Journal of Industrial Textiles</i> , 2020, 50, 380-397.	1.1	9
113	Facile method for tent fabrics with eco-friendly/durable properties using waterborne polyurethane/lignin: Preparation and evaluation. <i>Journal of Industrial Textiles</i> , 2022, 51, 4149S-4166S.	1.1	9
114	High-strength conductive yarns and fabrics: mechanical properties, electromagnetic interference shielding effectiveness, and manufacturing techniques. <i>Journal of the Textile Institute</i> , 2021, 112, 347-357.	1.0	9
115	[(bpy)CuSCF <sub>3</sub> ]: A Practical and Efficient Reagent for the Construction of C=C-SCF <sub>3</sub> Bonds. <i>Synlett</i> , 2021, 32, 109-118.	1.0	9
116	The Strategy of Achieving Flexibility in Materials and Configuration of Flexible Lithium-Ion Batteries. <i>Energy Technology</i> , 2021, 9, .	1.8	9
117	Property Evaluation of <i>Bletilla striata</i> /Polyvinyl Alcohol Nano Fibers and Composite Dressings. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-7.	1.5	8
118	Comparison of tensile and compressive characteristics of intra/interply hybrid laminates reinforced high-density flexible foam composites. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	8
119	Wicking behavior and antibacterial properties of multifunctional knitted fabrics made from metal commingled yarns. <i>Journal of the Textile Institute</i> , 2015, 106, 862-871.	1.0	8
120	Braiding structure stability and section treatment evaluations of braided coronary stents made of stainless steel and bio-absorbable polyvinyl alcohol via a braiding technique. <i>Fibers and Polymers</i> , 2015, 16, 675-684.	1.1	8
121	Processing and Properties of Multifunctional Metal Composite Yarns and Woven Fabric. <i>Materials and Manufacturing Processes</i> , 2015, 30, 320-326.	2.7	8
122	Fabrication of polyacrylonitrile/polyvinyl alcohol-TPU with highly breathable, permeable performances for directional water transport Janus fibrous membranes by sandwich structural design. <i>Journal of Sandwich Structures and Materials</i> , 2021, 23, 2817-2831.	2.0	8
123	Study on the preparation and performance of flexible sulfur dioxide gas sensors based on metal-organic framework. <i>Journal of Polymer Research</i> , 2022, 29, 1.	1.2	8
124	Photocatalytic reduction of Cr(VI) by Bi <sub>2</sub> .15WO <sub>6</sub> complexed with polydopamine: Contribution of the ligand-to-metal charge transfer path. <i>Journal of Colloid and Interface Science</i> , 2022, 622, 50-61.	5.0	8
125	Evaluation on manufacturing technique and electromagnetic shielding effectiveness of functional complex fabrics. <i>Journal of Electromagnetic Waves and Applications</i> , 2014, 28, 1031-1043.	1.0	7
126	Manufacturing and mechanical characterization of perforated hybrid composites based on flexible polyurethane foam. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	7



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127	Effect of Different Manufacturing Methods on the Conflict between Porosity and Mechanical Properties of Spiral and Porous Polyethylene Terephthalate/Sodium Alginate Bone Scaffolds. <i>Materials</i> , 2015, 8, 8768-8779.	1.3	7
128	Rapid Fabrication of a Cell-Seeded Collagen Gel-Based Tubular Construct that Withstands Arterial Pressure. <i>Annals of Biomedical Engineering</i> , 2016, 44, 3384-3397.	1.3	7
129	Antibacterial properties and electrical characteristics of multifunctional metal composite fabrics. <i>Journal of Industrial Textiles</i> , 2016, 45, 834-852.	1.1	7
130	Mechanical and physical properties of puncture-resistance insole made of Kevlar® recycled selvages. <i>Fibers and Polymers</i> , 2017, 18, 2219-2224.	1.1	7
131	Highly efficient antimicrobial electrospun PVP/CS/PHMGH nanofibers membrane: preparation, antimicrobial activity and in vitro evaluations. <i>Research on Chemical Intermediates</i> , 2018, 44, 4957-4970.	1.3	7
132	Using spray-coating method to form PVA coronary artery stents: structure and property evaluations. <i>Journal of Polymer Research</i> , 2018, 25, 1.	1.2	7
133	Fabrication of a Biodegradable Multi-layered Polyvinyl Alcohol Stent. <i>Fibers and Polymers</i> , 2018, 19, 1596-1604.	1.1	7
134	Tensile strength, peel load, and static puncture resistance of laminated composites reinforced with nonwoven fabric. <i>Journal of Materials Science</i> , 2018, 53, 12145-12156.	1.7	7
135	Characterization and Microstructure of Linear Electrode-Electrospun Graphene-Filled Polyvinyl Alcohol Nanofiber Films. <i>Materials</i> , 2018, 11, 1033.	1.3	7
136	Characteristics, Compression, and Buffering Performance of Pomelo-Like Hierarchical Capsules Containing Shear Thickening Fluid. <i>Polymers</i> , 2019, 11, 1138.	2.0	7
137	Weaving carbon fiber/recycled polypropylene selvages to reinforce the polymer-based protective composite fabrics: Manufacturing techniques and electromagnetic shielding effectiveness. <i>Polymer Composites</i> , 2019, 40, E1910-E1917.	2.3	7
138	Short Beam Shear Behavior and Failure Characterization of Hybrid 3D Braided Composites Structure with X-ray Micro-Computed Tomography. <i>Polymers</i> , 2020, 12, 1931.	2.0	7
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