

Ching-Wen Lou

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5004499/publications.pdf>

Version: 2024-02-01

275
papers

4,394
citations

147801

31
h-index

223800

46
g-index

277
all docs

277
docs citations

277
times ranked

3588
citing authors

#	ARTICLE	IF	CITATIONS
1	Lightweight, flexible and superhydrophobic composite nanofiber films inspired by nacre for highly electromagnetic interference shielding. <i>Composites Part A: Applied Science and Manufacturing</i> , 2020, 128, 105685.	7.6	124
2	Preparation and Compatibility Evaluation of Polypropylene/High Density Polyethylene Polyblends. <i>Materials</i> , 2015, 8, 8850-8859.	2.9	104
3	Zeolitic Imidazolate Framework-8/Polypropylene- α -Polycarbonate Barklike Meltblown Fibrous Membranes by a Facile in Situ Growth Method for Efficient PM _{2.5} Capture. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 8730-8739.	8.0	95
4	Polymer composites made of multi-walled carbon nanotubes and graphene nano-sheets: Effects of sandwich structures on their electromagnetic interference shielding effectiveness. <i>Composites Part B: Engineering</i> , 2016, 89, 424-431.	12.0	93
5	Dual-Shell Photothermoelectric Textile Based on a PPy Photothermal Layer for Solar Thermal Energy Harvesting. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 55072-55082.	8.0	83
6	MXene-coated conductive composite film with ultrathin, flexible, self-cleaning for high-performance electromagnetic interference shielding. <i>Chemical Engineering Journal</i> , 2021, 412, 128681.	12.7	79
7	Polypropylene/Graphene and Polypropylene/Carbon Fiber Conductive Composites: Mechanical, Crystallization and Electromagnetic Properties. <i>Applied Sciences (Switzerland)</i> , 2015, 5, 1196-1210.	2.5	78
8	Recent advances in multifunctional hydroxyapatite coating by electrochemical deposition. <i>Journal of Materials Science</i> , 2020, 55, 6352-6374.	3.7	68
9	Conductive fabrics made of polypropylene/multi-walled carbon nanotube coated polyester yarns: Mechanical properties and electromagnetic interference shielding effectiveness. <i>Composites Science and Technology</i> , 2017, 141, 74-82.	7.8	65
10	Bioinspired foam composites resembling pomelo peel: Structural design and compressive, bursting and cushioning properties. <i>Composites Part B: Engineering</i> , 2019, 172, 290-298.	12.0	63
11	In situ growth polydopamine decorated polypropylene melt-blown membrane for highly efficient oil/water separation. <i>Chemosphere</i> , 2020, 254, 126873.	8.2	61
12	Low-cost hydrogel adsorbent enhanced by trihydroxy melamine and β -cyclodextrin for the removal of Pb(II) and Ni(II) in water. <i>Journal of Hazardous Materials</i> , 2021, 411, 125029.	12.4	58
13	Enhanced photocatalytic performance through the ferroelectric synergistic effect of p-n heterojunction BiFeO ₃ /TiO ₂ under visible-light irradiation. <i>Ceramics International</i> , 2021, 47, 10786-10795.	4.8	51
14	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.	7.3	48
15	Static and dynamic puncture behaviors of compound fabrics with recycled high-performance Kevlar fibers. <i>Composites Part B: Engineering</i> , 2014, 59, 60-66.	12.0	47
16	Applying vermiculite and perlite fillers to sound-absorbing/thermal-insulating resilient PU foam composites. <i>Fibers and Polymers</i> , 2015, 16, 691-698.	2.1	47
17	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.	12.7	47
18	Processing and characterizations of rotary linear needleless electrospun polyvinyl alcohol(PVA)/Chitosan(CS)/Graphene(Gr) nanofibrous membranes. <i>Journal of Materials Research and Technology</i> , 2019, 8, 5124-5132.	5.8	45

#	ARTICLE	IF	CITATIONS
19	Two-step strategy for constructing hierarchical pore structured chitosan-hydroxyapatite composite scaffolds for bone tissue engineering. <i>Carbohydrate Polymers</i> , 2021, 260, 117765.	10.2	43
20	Construction of BiOI/TiO ₂ 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.	8.0	43
21	Dopamine-decorated lotus leaf-like PVDF/TiO ₂ membrane with underwater superoleophobic for highly efficient oil-water separation. <i>Chemical Engineering Research and Design</i> , 2021, 147, 788-797.	5.6	42
22	Polypropylene/Short Glass Fibers Composites: Effects of Coupling Agents on Mechanical Properties, Thermal Behaviors, and Morphology. <i>Materials</i> , 2015, 8, 8279-8291.	2.9	40
23	Core-shell structured TiO ₂ @PVDF/PAN electrospun membranes for photocatalysis and oil-water separation. <i>Polymer Composites</i> , 2020, 41, 1013-1023.	4.6	40
24	Bioinspired design of underwater superoleophobic Poly(N-isopropylacrylamide)/polyacrylonitrile/TiO ₂ nanofibrous membranes for highly efficient oil/water separation and photocatalysis. <i>Environmental Research</i> , 2020, 186, 109494.	7.5	40
25	Low-velocity impact and static behaviors of high-resilience thermal-bonding inter/intra-ply hybrid composites. <i>Composites Part B: Engineering</i> , 2015, 69, 58-68.	12.0	39
26	Properties and Mechanism of Hydroxyapatite Coating Prepared by Electrodeposition on a Braid for Biodegradable Bone Scaffolds. <i>Nanomaterials</i> , 2019, 9, 679.	4.1	39
27	Biomass poplar catkin fiber-based superhydrophobic aerogel with tubular-lamellar interweaved neurons-like structure. <i>Journal of Hazardous Materials</i> , 2022, 429, 128290.	12.4	38
28	The efficacy of coconut fibers on the sound-absorbing and thermal-insulating nonwoven composite board. <i>Fibers and Polymers</i> , 2013, 14, 1378-1385.	2.1	36
29	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.	3.6	36
30	Daylight-driven rechargeable, antibacterial, filtrating micro/nanofibrous composite membranes with bead-on-string structure for medical protection. <i>Chemical Engineering Journal</i> , 2021, 422, 130007.	12.7	34
31	Synthesis of Nb ₂ C MXene-based 2D layered structure electrode material for high-performance battery-type supercapacitors. <i>Electrochimica Acta</i> , 2022, 413, 140144.	5.2	34
32	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.	2.4	32
33	Investigation on structure and impact-resistance property of polyurethane foam filled three-dimensional fabric reinforced sandwich flexible composites. <i>Composites Part B: Engineering</i> , 2017, 131, 43-49.	12.0	32
34	Eco-friendly versatile protective polyurethane/triclosan coated polylactic acid nonwovens for medical covers application. <i>Journal of Cleaner Production</i> , 2021, 282, 124455.	9.3	32
35	Antimicrobial activity of UV-induced chitosan capped silver nanoparticles. <i>Materials Letters</i> , 2014, 128, 248-252.	2.6	31
36	Additive Manufacturing of Nerve Decellularized Extracellular Matrix-Contained Polyurethane Conduits for Peripheral Nerve Regeneration. <i>Polymers</i> , 2019, 11, 1612.	4.5	31

#	ARTICLE	IF	CITATIONS
37	Lightweight, flexible and superhydrophobic conductive composite films based on layer-by-layer self-assembly for high-performance electromagnetic interference shielding. <i>Composites Part A: Applied Science and Manufacturing</i> , 2021, 141, 106199.	7.6	31
38	Enhanced sandwich structure composite with shear thickening fluid and thermoplastic polyurethanes for High-performance stab resistance. <i>Composite Structures</i> , 2022, 280, 114930.	5.8	31
39	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.	3.2	30
40	Multiscale synergistic toughened pluronic/PMEA/ hydroxyapatite hydrogel laminated aramid soft composites: Puncture resistance and self-healing properties. <i>Composites Part B: Engineering</i> , 2021, 216, 108856.	12.0	30
41	Electromagnetic shielding effectiveness and functions of stainless steel/bamboo charcoal conductive fabrics. <i>Journal of Industrial Textiles</i> , 2014, 44, 477-494.	2.4	29
42	Polypropylene/Polyvinyl Alcohol/Metal-Organic Framework-Based Melt-Blown Electrospun Composite Membranes for Highly Efficient Filtration of PM2.5. <i>Nanomaterials</i> , 2020, 10, 2025.	4.1	29
43	Multifunctional sodium Alginate@ urushiol fiber with targeted Antibacterial, acid corrosion resistance and flame retardant properties for personal protection based on wet spinning. <i>Applied Surface Science</i> , 2022, 584, 152573.	6.1	29
44	Preparation and characterization of SEBS-g-MAH-filled flexible polyurethane foam composites with gradient-changing structure. <i>Materials and Design</i> , 2019, 183, 108150.	7.0	28
45	Mechanical property evaluations of flexible laminated composites reinforced by high-performance Kevlar filaments: Tensile strength, peel load, and static puncture resistance. <i>Composites Part B: Engineering</i> , 2019, 166, 139-147.	12.0	28
46	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.	3.6	28
47	Metal/PET Composite Knitted Fabrics and Composites: Structural Design and Electromagnetic Shielding Effectiveness. <i>Journal of Electronic Materials</i> , 2012, 41, 2267-2273.	2.2	27
48	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.	2.1	26
49	Multifunctional, Polyurethane-Based Foam Composites Reinforced by a Fabric Structure: Preparation, Mechanical, Acoustic, and EMI Shielding Properties. <i>Materials</i> , 2018, 11, 2085.	2.9	26
50	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.	4.1	26
51	Effect of Fiber Arrangement on the Mechanical Properties of Thermally Bonded Nonwoven Fabrics. <i>Textile Research Journal</i> , 2003, 73, 917-920.	2.2	25
52	Crystallization, mechanical, and electromagnetic properties of conductive polypropylene/SEBS composites. <i>Journal of Polymer Research</i> , 2016, 23, 1.	2.4	25
53	Nonwoven fabric/spacer fabric/polyurethane foam composites: Physical and mechanical evaluations. <i>Fibers and Polymers</i> , 2016, 17, 789-794.	2.1	25
54	Biodegradable Polyvinyl Alcohol Vascular Stents: Structural Model and Mechanical and Biological Property Evaluation. <i>Materials Science and Engineering C</i> , 2018, 91, 404-413.	7.3	25

#	ARTICLE	IF	CITATIONS
55	Acoustic absorption evaluation of high-modulus puncture resistance composites made by recycled selvages. <i>Textile Reseach Journal</i> , 2012, 82, 1597-1611.	2.2	24
56	Visible light-induced oxidation of aqueous arsenite using facile Ag ₂ O/TiO ₂ composites: Performance and mechanism. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 377, 260-267.	3.9	24
57	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.	3.2	24
58	Spring-like sandwich foam composites reinforced by 3D Concave-Convex structured fabric: Manufacturing and low-velocity cushion response. <i>Composites Part B: Engineering</i> , 2020, 197, 108171.	12.0	24
59	Highly Absorbent Antibacterial Hemostatic Dressing for Healing Severe Hemorrhagic Wounds. <i>Materials</i> , 2016, 9, 793.	2.9	23
60	Needle-punched thermally-bonded eco-friendly nonwoven geotextiles: Functional properties. <i>Materials Letters</i> , 2016, 183, 77-80.	2.6	23
61	Mass-Production and Characterizations of Polyvinyl Alcohol/Sodium Alginate/Graphene Porous Nanofiber Membranes Using Needleless Dynamic Linear Electrospinning. <i>Polymers</i> , 2018, 10, 1167.	4.5	23
62	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.	7.5	23
63	Determination of electromagnetic shielding and antibacterial properties of multifunctional warp-knitted fabrics. <i>Journal of the Textile Institute</i> , 2015, 106, 1203-1211.	1.9	22
64	Multiscale composite nanofiber membranes with asymmetric watability: preparation, characterization, and applications in wound dressings. <i>Journal of Materials Science</i> , 2021, 56, 4407-4419.	3.7	22
65	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.	8.0	22
66	Sustainable cellulose-based aerogels fabricated by directional freeze-drying as excellent sound-absorption materials. <i>Journal of Materials Science</i> , 2021, 56, 18762-18774.	3.7	22
67	Process technology and properties evaluation of a chitosan-coated Tencel/cotton nonwoven fabric as a wound dressing. <i>Fibers and Polymers</i> , 2008, 9, 286-292.	2.1	21
68	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.	2.1	21
69	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, .	2.6	21
70	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.	4.7	21
71	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, .	2.6	20
72	Puncture-resisting, sound-absorbing and thermal-insulating properties of polypropylene-selvages reinforced composite nonwovens. <i>Journal of Industrial Textiles</i> , 2016, 45, 1477-1489.	2.4	20

#	ARTICLE	IF	CITATIONS
73	Worm-Like PEDOT:Tos coated polypropylene fabrics via low-temperature interfacial polymerization for high-efficiency thermoelectric textile. <i>Progress in Organic Coatings</i> , 2020, 149, 105919.	3.9	20
74	Ballistic-resistant stainless steel mesh compound nonwoven fabric. <i>Fibers and Polymers</i> , 2008, 9, 761-767.	2.1	19
75	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.	3.7	19
76	Manufacture and effectiveness evaluations of high-modulus electromagnetic interference shielding/puncture resisting composites. <i>Textile Research Journal</i> , 2013, 83, 1796-1807.	2.2	18
77	Sound absorbent, flame retardant warp knitting spacer fabrics: Manufacturing techniques and characterization evaluations. <i>Fibers and Polymers</i> , 2015, 16, 2682-2688.	2.1	18
78	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.	2.1	18
79	Using multiple melt blending to improve the dispersion of montmorillonite in polyamide 6 nanocomposites. <i>Polymer Testing</i> , 2016, 56, 74-82.	4.8	18
80	Weaving technology and mechanical properties of extended-PTFE fabrics. <i>Journal of Materials Processing Technology</i> , 2007, 192-193, 319-322.	6.3	17
81	Mechanical and physical properties of puncture-resistance plank made of recycled selvages. <i>Fibers and Polymers</i> , 2013, 14, 258-265.	2.1	17
82	Far-infrared emissive polypropylene/wood flour wood plastic composites: Manufacturing technique and property evaluations. <i>Journal of Composite Materials</i> , 2016, 50, 2099-2109.	2.4	17
83	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.	2.1	17
84	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.	2.1	17
85	Compatibility and mechanical properties of maleicanhydride modified the wood plastic composite. <i>Journal of Reinforced Plastics and Composites</i> , 2013, 32, 802-810.	3.1	16
86	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.	2.1	16
87	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.	1.9	16
88	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.	2.4	16
89	Using recycled high-strength polyester and Kevlar® wastes to reinforce sandwich-structured nonwoven fabric: Structural effect and property evaluation. <i>Journal of Cleaner Production</i> , 2020, 267, 121899.	9.3	16
90	Enhancing piezoelectricity of poly(vinylidene fluoride) nano-wrapped yarns with an innovative yarn electrospinning technique. <i>Polymer International</i> , 2021, 70, 851-859.	3.1	16

#	ARTICLE	IF	CITATIONS
91	Construction of synergistic Toughening, Self-Healing Puncture-Resistant soft composites by using Fabric-Reinforced Pluronic/PMEA hydrogel. <i>Composites Part A: Applied Science and Manufacturing</i> , 2021, 145, 106388.	7.6	16
92	Investigation and fabrication of multifunctional metal composite knitted fabrics. <i>Textile Research Journal</i> , 2015, 85, 188-199.	2.2	15
93	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.	3.6	15
94	One-Step Bark-Like Imitated Polypropylene (PP)/Polycarbonate (PC) Nanofibrous Meltblown Membrane for Efficient Particulate Matter Removal. <i>Polymers</i> , 2019, 11, 1307.	4.5	15
95	Mechanical Characterization and Impact Damage Assessment of Hybrid Three-Dimensional Five-Directional Composites. <i>Polymers</i> , 2019, 11, 1395.	4.5	15
96	A study on artemisia argyi oil/sodium alginate/PVA nanofibrous membranes: micro-structure, breathability, moisture permeability, and antibacterial efficacy. <i>Journal of Materials Research and Technology</i> , 2020, 9, 13450-13458.	5.8	15
97	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.	2.1	15
98	Polyvinylidene Fluoride Electrospun Fibers Loaded TiO ₂ for Photocatalytic Degradation and Oil/Water Separation. <i>Fibers and Polymers</i> , 2020, 21, 1475-1487.	2.1	15
99	Facile fabrication of hydrophilic-underwater superoleophobic poly(N-isopropylacrylamide) coated PP/LPET nonwoven fabrics for highly efficient oil/water separation. <i>Progress in Organic Coatings</i> , 2020, 148, 105780.	3.9	15
100	Preparation and characteristics of flexible polyurethane foam filled with expanded vermiculite powder and concave-convex structural panel. <i>Journal of Materials Research and Technology</i> , 2021, 12, 1288-1302.	5.8	15
101	MXene-decorated nanofiber film based on layer-by-layer assembly strategy for high-performance electromagnetic interference shielding. <i>Applied Surface Science</i> , 2022, 574, 151552.	6.1	15
102	PLA β -TCP Complex Tubes: The Mechanical Properties and Applications of Artificial Bone. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2012, 23, 1701-1712.	3.5	14
103	The effects of MWCNT length on the mechanical, crystallization and electromagnetic interference shielding effectiveness of PP/MWCNT composites. <i>Journal of Polymer Research</i> , 2017, 24, 1.	2.4	14
104	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.	2.4	14
105	Spacer fabric/flexible polyurethane foam composite sandwiches: Structural design and quasi-static compressive, bursting and dynamic impact performances. <i>Journal of Sandwich Structures and Materials</i> , 2021, 23, 1366-1382.	3.5	14
106	Process technology and performance evaluation of functional knee pad. <i>Fibers and Polymers</i> , 2010, 11, 136-141.	2.1	13
107	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.	2.1	13
108	Wood plastic composites. <i>Journal of Thermoplastic Composite Materials</i> , 2015, 28, 1047-1057.	4.2	13

#	ARTICLE	IF	CITATIONS
109	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.	2.4	13
110	Effects of needle punching and hot pressing on mechanical properties of composite geotextiles. <i>Journal of Industrial Textiles</i> , 2017, 47, 522-534.	2.4	13
111	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.	2.6	13
112	Modified polypropylene/thermoplastic polyurethane blends with maleic-anhydride grafted polypropylene: blending morphology and mechanical behaviors. <i>Journal of Polymer Research</i> , 2020, 27, 1.	2.4	13
113	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.	3.1	13
114	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.	2.4	13
115	Mechanical properties of a STF capsule filled flexible polyurethane composite foam. <i>Materials Letters</i> , 2020, 269, 127580.	2.6	13
116	Electromagnetically shielding composite made from carbon fibers, glass fibers, and impact-resistant polypropylene. <i>Journal of Thermoplastic Composite Materials</i> , 2014, 27, 1451-1460.	4.2	12
117	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.	2.1	12
118	Fabrication of poly(vinyl alcohol) nanofibers by wire electrode-incorporated electrospinning. <i>Fibers and Polymers</i> , 2016, 17, 1217-1226.	2.1	12
119	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.	7.3	12
120	Expanded Vermiculite-Filled Polyurethane Foam-Core Bionic Composites: Preparation and Thermal, Compression, and Dynamic Cushion Properties. <i>Polymers</i> , 2019, 11, 1028.	4.5	12
121	Mechanical and Static Stab Resistant Properties of Hybrid-Fabric Fibrous Planks: Manufacturing Process of Nonwoven Fabrics Made of Recycled Fibers. <i>Polymers</i> , 2019, 11, 1140.	4.5	12
122	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.	2.4	12
123	Flexible and wearable wristband for harvesting human body heat based on coral-like PEDOT:Tos-coated nanofibrous film. <i>Smart Materials and Structures</i> , 2021, 30, 015003.	3.5	12
124	Preparation of Ag@ZIF-8@PP Melt-Blown Nonwoven Fabrics: Air Filter Efficacy and Antibacterial Effect. <i>Polymers</i> , 2021, 13, 3773.	4.5	12
125	Preparation of Needleless Electrospinning Polyvinyl Alcohol/Water-Soluble Chitosan Nanofibrous Membranes: Antibacterial Property and Filter Efficiency. <i>Polymers</i> , 2022, 14, 1054.	4.5	12
126	Preparation and property evaluation of sound-absorbing/thermal-insulating PU composite boards with cushion protection. <i>Fibers and Polymers</i> , 2014, 15, 1478-1483.	2.1	11

#	ARTICLE	IF	CITATIONS
127	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.	2.5	11
128	Characterization of acoustic-absorbing inter/intra-ply hybrid laminated composites under dynamic loading. <i>Fibers and Polymers</i> , 2016, 17, 439-452.	2.1	11
129	Statistical analyses for tensile properties of nonwoven geotextiles at different ambient environmental temperatures. <i>Journal of Industrial Textiles</i> , 2017, 47, 331-347.	2.4	11
130	Poly(lactic acid)/carbon fiber composites: Effects of poly(lactic acid)-g-maleic anhydride on mechanical properties, thermal behavior, surface compatibility, and electrical characteristics. <i>Journal of Composite Materials</i> , 2018, 52, 405-416.	2.4	11
131	Investigation of the Shear Thickening Fluid Encapsulation in an Orifice Coagulation Bath. <i>Polymers</i> , 2019, 11, 519.	4.5	11
132	Needle-Bonded Electromagnetic Shielding Thermally Insulating Nonwoven Composite Boards: Property Evaluations. <i>Applied Sciences (Switzerland)</i> , 2016, 6, 303.	2.5	10
133	Effects of Perforation on Rigid PU Foam Plates: Acoustic and Mechanical Properties. <i>Materials</i> , 2016, 9, 1000.	2.9	10
134	Study on preparation, sound absorption, and electromagnetic shielding effectiveness of rigid foam composites. <i>Journal of Sandwich Structures and Materials</i> , 2019, 21, 2512-2526.	3.5	10
135	Polyethylene terephthalate/basalt stab-resistant sandwich composites based on the Boxâ€œBehnken design: Parameter optimization and empirical regression model. <i>Journal of Sandwich Structures and Materials</i> , 2020, 22, 2391-2407.	3.5	10
136	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.	2.1	9
137	Moisture Comfort and Antibacterial Properties of Elastic Warp-Knitted Fabrics. <i>Autex Research Journal</i> , 2015, 15, 60-66.	1.1	9
138	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.	7.3	9
139	Compressive properties of high-resilience thermal-bonding cushioning inter/intra-ply hybrid composites. <i>Journal of Composite Materials</i> , 2015, 49, 3823-3835.	2.4	9
140	Stainless steel/nitinol braid coronary stents: Braiding structure stability and cut section treatment evaluation. <i>Journal of Industrial Textiles</i> , 2016, 45, 965-977.	2.4	9
141	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.	3.1	9
142	Numerical simulation of dynamic puncture behaviors of woven fabrics based on the Finite Element Method. <i>Textile Research Journal</i> , 2017, 87, 1308-1317.	2.2	9
143	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.	2.4	9
144	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.	2.4	9

#	ARTICLE	IF	CITATIONS
145	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.	1.9	9
146	Polypropylene/Carbon Fiber Composite Layered Materials: Electromagnetic Interference Shielding Effect and Mechanical Performance. <i>Fibers and Polymers</i> , 2021, 22, 2552-2562.	2.1	9
147	The Strategy of Achieving Flexibility in Materials and Configuration of Flexible Lithium-Ion Batteries. <i>Energy Technology</i> , 2021, 9, .	3.8	9
148	Property Evaluation of <i>Bletilla striata</i> /Polyvinyl Alcohol Nano Fibers and Composite Dressings. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-7.	2.7	8
149	Manufacturing technique and mechanical properties of plastic nanocomposite. <i>Composites Part B: Engineering</i> , 2013, 44, 34-39.	12.0	8
150	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, .	2.6	8
151	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.	1.9	8
152	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.	2.1	8
153	Processing and Properties of Multifunctional Metal Composite Yarns and Woven Fabric. <i>Materials and Manufacturing Processes</i> , 2015, 30, 320-326.	4.7	8
154	Superhydrophobic/Flame Retardant/EMI Shielding Fabrics: Manufacturing Techniques and Property Evaluations. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1914.	2.5	8
155	Impact resistance of fiber reinforced sandwich-structured nonwoven composites: Reinforcing effect of different fiber length. <i>Materials Today Communications</i> , 2020, 24, 101345.	1.9	8
156	Processing and characterizations of Short fluoroalkyl chain /polyurethane- polylactic acid/low melt polylactic acid Janus nonwoven Medical covers using spray coating. <i>Progress in Organic Coatings</i> , 2020, 147, 105736.	3.9	8
157	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.	3.5	8
158	Synthesis of a Compound Phosphorus-Nitrogen Intumescent Flame Retardant for Applications to Raw Lacquer. <i>Polymers</i> , 2021, 13, 2858.	4.5	8
159	MXene-coated multi-response conductive film based on layer-by-layer assembly strategy for electromagnetic interference shielding. <i>Journal of Materials Research and Technology</i> , 2021, 15, 6011-6024.	5.8	8
160	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.	2.4	8
161	Durable antibacterial cotton fabric imitating skin wet management with synchronous liquid gating and directional liquid transfer. <i>Industrial Crops and Products</i> , 2022, 184, 114994.	5.2	8
162	Photocatalytic reduction of Cr(VI) by Bi ₂ .15WO ₆ complexed with polydopamine: Contribution of the ligand-to-metal charge transfer path. <i>Journal of Colloid and Interface Science</i> , 2022, 622, 50-61.	9.4	8

#	ARTICLE	IF	CITATIONS
163	Evaluation on manufacturing technique and electromagnetic shielding effectiveness of functional complex fabrics. <i>Journal of Electromagnetic Waves and Applications</i> , 2014, 28, 1031-1043.	1.6	7
164	Manufacturing and mechanical characterization of perforated hybrid composites based on flexible polyurethane foam. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	7
165	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.	2.9	7
166	Antibacterial properties and electrical characteristics of multifunctional metal composite fabrics. <i>Journal of Industrial Textiles</i> , 2016, 45, 834-852.	2.4	7
167	Electromagnetic shielding and far infrared composite woven fabrics: Manufacturing technique and function evaluation. <i>Textile Research Journal</i> , 2017, 87, 2039-2047.	2.2	7
168	Mechanical and physical properties of puncture-resistance insole made of Kevlar® recycled selvages. <i>Fibers and Polymers</i> , 2017, 18, 2219-2224.	2.1	7
169	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.	2.7	7
170	Using spray-coating method to form PVA coronary artery stents: structure and property evaluations. <i>Journal of Polymer Research</i> , 2018, 25, 1.	2.4	7
171	Characterization and Microstructure of Linear Electrode-Electrospun Graphene-Filled Polyvinyl Alcohol Nanofiber Films. <i>Materials</i> , 2018, 11, 1033.	2.9	7
172	Characteristics, Compression, and Buffering Performance of Pomelo-Like Hierarchical Capsules Containing Shear Thickening Fluid. <i>Polymers</i> , 2019, 11, 1138.	4.5	7
173	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.	4.6	7
174	Preparation and water separation evaluations of polypropylene/low-melting point polyester composites reinforced by thermal bonding and one-step solution immersion. <i>Polymer International</i> , 2020, 69, 752-762.	3.1	7
175	Study on melamine/bentonite polyurethane porous composite foam: Pb ²⁺ adsorption and mechanical properties. <i>Polymers for Advanced Technologies</i> , 2021, 32, 2061-2071.	3.2	7
176	Preparation of flexible, highly conductive polymer composite films based on double percolation structures and synergistic dispersion effect. <i>Polymer Composites</i> , 2021, 42, 5159-5167.	4.6	7
177	Facile preparation of PAN@Ag@Ag ₂ O/TiO ₂ nanofibers with enhanced photocatalytic activity and reusability toward oxidation of As(III). <i>Journal of Materials Science</i> , 2020, 55, 11310-11324.	3.7	7
178	Silver-coated conductive composite fabric with flexible, anti-flaming for electromagnetic interference shielding. <i>Journal of Applied Polymer Science</i> , 2022, 139, 51875.	2.6	7
179	Antibacterial behavior and physical properties of silver nanoparticle-doped ecofriendly nonwoven fabrics. <i>Cellulose</i> , 2014, 21, 1957-1964.	4.9	6
180	Extended PTFE fabrics used as high-temperature filter clothes: manufacturing technique and chemical stability evaluation. <i>Journal of the Textile Institute</i> , 2015, 106, 793-799.	1.9	6

#	ARTICLE	IF	CITATIONS
181	The optimal extracting process, manufacturing technique and biological evaluation of Lithospermum erythrorhizon microcapsules. <i>Materials Science and Engineering C</i> , 2015, 48, 165-171.	7.3	6
182	Influence of Immersion Conditions on The Tensile Strength of Recycled Kevlar®/Polyester/Low-Melting-Point Polyester Nonwoven Geotextiles through Applying Statistical Analyses. <i>Applied Sciences (Switzerland)</i> , 2016, 6, 133.	2.5	6
183	Applications of geotextiles made of PET-filament-based nonwoven fabrics. <i>Fibers and Polymers</i> , 2016, 17, 1955-1962.	2.1	6
184	Using nonwoven fabrics as culture mediums for extensive green roofs: physical properties and cooling effect. <i>Fibers and Polymers</i> , 2016, 17, 1111-1114.	2.1	6
185	Composite processing and property evaluation of far-infrared/electromagnetic shielding bamboo charcoal/phase change material/stainless steel elastic composite fabrics. <i>Journal of Polymer Engineering</i> , 2016, 36, 211-220.	1.4	6
186	Thermoplastic polyurethanes/polyester/polypropylene composites: Effect of thermoplastic polyurethanes honeycomb structure on acoustic-absorbing and cushioning property. <i>Journal of Industrial Textiles</i> , 2016, 46, 578-595.	2.4	6
187	Elastic knits with different structures composed by using wrapped yarns: Function and comfort evaluations. <i>Fibers and Polymers</i> , 2017, 18, 1816-1824.	2.1	6
188	Thermally Bonded PET®-Basalt Sandwich Composites for Heat Pipeline Protection: Preparation, Stab Resisting, and Thermal-Insulating Properties. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 510.	2.5	6
189	Processing techniques and properties of metal/polyester composite plain material: Electromagnetic shielding effectiveness and far-infrared emissivity. <i>Journal of Industrial Textiles</i> , 2019, 49, 365-382.	2.4	6
190	Plastic packaging materials of laminated composites made of polymer cover sheets and a nonwoven interlayer. <i>Journal of Sandwich Structures and Materials</i> , 2020, 22, 2287-2301.	3.5	6
191	<sc>Adhesion</sc> composites made of elastic polymer films and high resilience nonwoven fabrics: Manufacturing techniques and property evaluations. <i>Polymer Composites</i> , 2020, 41, 2768-2776.	4.6	6
192	Mechanical properties of needle-punched/thermally treated non-woven fabrics produced from recycled materials. <i>Journal of the Textile Institute</i> , 2021, 112, 23-29.	1.9	6
193	Structural Design and Property Evaluations of Foam-based Composite Materials: Effect of Perforation Depth and Foam Density on the Mechanical, Sound Absorption, and Thermal Properties. <i>Fibers and Polymers</i> , 2021, 22, 587-596.	2.1	6
194	Biodegradable and conductive PVA/CNT nanofibrous membranes used in nerve conduit applications. <i>Journal of Industrial Textiles</i> , 2022, 51, 1048S-1065S.	2.4	6
195	Preparation and Adsorption Performance of Nano-hydroxyapatite-Enhanced Acrylamide Hydrogel Adsorbent. <i>Journal of Polymers and the Environment</i> , 2022, 30, 2919-2927.	5.0	6
196	A Study on Carbon Fiber Composites with Low-Melting-Point Polyester Nonwoven Fabric Reinforcement: A Highly Effective Electromagnetic Wave Shield Textile Material. <i>Polymers</i> , 2022, 14, 1181.	4.5	6
197	Natural clay-reinforced hydrogel adsorbent: Rapid adsorption of heavy metal ions and dyes from textile wastewater. <i>Water Environment Research</i> , 2022, 94, e10698.	2.7	6
198	PP/MWCNTs composites: Effects of length of MWCNTs on isothermal crystallization behaviors, crystalline structure, and thermal stability. <i>Journal of Composite Materials</i> , 2018, 52, 503-517.	2.4	5

#	ARTICLE	IF	CITATIONS
199	A novel processing technique of carbon fiber/copper wire reinforced thermoplastic composites to improve <sc>EMI SE</sc> performance. <i>Polymer Composites</i> , 2020, 41, 5135-5142.	4.6	5
200	Evaluations of Electrostatic Filtration Efficiency and Antibacterial Efficacy of Antibacterial Electret Polypropylene Filters: Effects of Using Low Molecular Antibacterial Agent as Additive. <i>Polymers</i> , 2021, 13, 3303.	4.5	5
201	Functional Hollow Ceramic Microsphere/Flexible Polyurethane Foam Composites with a Cell Structure: Mechanical Property and Sound Absorptivity. <i>Polymers</i> , 2022, 14, 913.	4.5	5
202	Electrospinning PVP/Urushiol/Ag nanofilms: Use as wrapper of stainless steel yarns. <i>Progress in Organic Coatings</i> , 2022, 166, 106797.	3.9	5
203	A Study on Highly Effective Electromagnetic Wave Shield Textile Shell Fabrics Made of Point Polyester/Metallic Core-Spun Yarns. <i>Polymers</i> , 2022, 14, 2536.	4.5	5
204	Enhanced fluorescent performance of modacrylic/cotton blended fabric by pretreatment with sodium chlorite bleaching. <i>Textile Research Journal</i> , 2022, 92, 4722-4735.	2.2	5
205	Manufacturing and physical properties of fire-retardant fibrous laminate thermal insulation. <i>Fibers and Polymers</i> , 2008, 9, 431-437.	2.1	4
206	Polyethylene terephthalate/chitosan tubular knits made by using a freeze-drying method. <i>Textile Research Journal</i> , 2014, 84, 1881-1890.	2.2	4
207	Development and characteristic study of woven fabrics for intelligent diapers. <i>Technology and Health Care</i> , 2015, 23, 675-684.	1.2	4
208	A study on heat insulation of composites made of recycled far-infrared fibers and three-dimensional crimped hollow polyester fibers. <i>Fibers and Polymers</i> , 2016, 17, 1687-1695.	2.1	4
209	Design and Fabrication of Smart Diapers with Antibacterial Yarn. <i>Journal of Healthcare Engineering</i> , 2017, 2017, 1-9.	1.9	4
210	Manufacturing techniques and property evaluations of conductive elastic knits. <i>Journal of Industrial Textiles</i> , 2019, 49, 503-533.	2.4	4
211	Optimizing the processing parameters of mechanical and hydraulic conductivity of geotextile liner. <i>Materials and Manufacturing Processes</i> , 2019, 34, 999-1007.	4.7	4
212	High-performance thermoplastic hybrid composite reinforced with bucky paper for electromagnetic interference shielding. <i>Polymer Composites</i> , 2019, 40, 3065-3074.	4.6	4
213	Buffering sandwiches made of thermoplastic polyurethane honeycomb grids: Manufacturing technique and property evaluations. <i>Journal of Sandwich Structures and Materials</i> , 2019, 21, 1975-1990.	3.5	4
214	Fabrication, properties, and failure of composite sandwiches made with sheet extrusion method. <i>Journal of Sandwich Structures and Materials</i> , 2020, 22, 689-701.	3.5	4
215	Shielding-benefit Evaluation of Electromagnetic Radiation and UV Radiation for Multifunctional Composite Polypropylene Woven Fabrics. <i>Fibers and Polymers</i> , 2020, 21, 2380-2388.	2.1	4
216	Using antibacterial fibers and metallic wires to make woven fabrics used as smart diapers. <i>Journal of Industrial Textiles</i> , 2022, 51, 9017S-9030S.	2.4	4

#	ARTICLE	IF	CITATIONS
217	High-strength protective polyester textiles incorporated with metallic materials: Characterizations and radiation-shielding effectiveness. <i>Journal of Industrial Textiles</i> , 2022, 51, 1585-1600.	2.4	4
218	Dynamic cushion, quasi-static stab resistance, and acoustic absorption analyses of flexible multifunctional inter-/intra-bonded sandwich-structured composites. <i>Journal of the Textile Institute</i> , 2021, 112, 47-55.	1.9	4
219	Enhancement of a Novel Sizing Agent in Mechanical Properties and Stab/Puncture Resistance of Kevlar Fabrics. <i>Fibers and Polymers</i> , 2021, 22, 3309-3316.	2.1	4
220	Study on fabric/polyurethane high strength porous composite foam: Pb ²⁺ adsorption properties and mechanical properties. <i>Polymer Composites</i> , 2021, 42, 6322-6331.	4.6	4
221	Novel Composite Planks Made of Shape Memory Polyurethane Foaming Material with Two-Step Foaming Process. <i>Polymers</i> , 2022, 14, 275.	4.5	4
222	Lay-Up Compound Matrices for Application of Medical Protective Clothing: Manufacturing Techniques and Property Evaluations. <i>Polymers</i> , 2022, 14, 1179.	4.5	4
223	In Vitro cell attachment and In Vivo tissue infiltration of porous PLLA/ β -TCP/SA bone scaffolds. <i>Fibers and Polymers</i> , 2015, 16, 2569-2577.	2.1	3
224	Static and dynamic puncture properties of intra-/inter-laminar reinforced multilayer compound fabrics by needle-punching and thermal bonding. <i>Textile Research Journal</i> , 2016, 86, 1487-1497.	2.2	3
225	Modeling and optimization of dynamic puncture behaviors for flexible inter-/intra- reinforced compound fabrics. <i>Fibers and Polymers</i> , 2016, 17, 469-476.	2.1	3
226	Impact properties of flexible composites made of nylon/high-resilience non-woven fabric with an inter/intra-ply hybrid structure. <i>Journal of Reinforced Plastics and Composites</i> , 2016, 35, 320-333.	3.1	3
227	A comparison of the heat treatment duration and the multilayered effects on the poly(lactic) acid braid reinforced calcium phosphate cements used as bone tissue engineering scaffold. <i>Journal of Industrial Textiles</i> , 2017, 46, 1668-1683.	2.4	3
228	Polyvinyl Alcohol/Lithospermum Erythrorhizon Nanofibrous Membrane: Characterizations, In Vitro Drug Release, and Cell Viability. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 1143.	2.5	3
229	Polyethylene Terephthalate/Carbon Fabric/Polyurethane Foam Sandwich Composites: Flame Retardance and Mechanical Properties. <i>Fibers and Polymers</i> , 2019, 20, 1277-1283.	2.1	3
230	Oxalic Acid-Induced Photodissolution of Ferrihydrite and the Fate of Loaded As(V): Kinetics and Mechanism. <i>Nanomaterials</i> , 2019, 9, 1143.	4.1	3
231	Preparation and property evaluations of zeolite rigid foam composites. <i>Polymer Composites</i> , 2019, 40, 4175-4185.	4.6	3
232	Mechanical and functional evaluations of flaming-retardant/far-infrared composite nonwoven fabrics. <i>Journal of the Textile Institute</i> , 2019, 110, 186-195.	1.9	3
233	Structural improvement of laminated thermoplastic polyurethane/low melting polyester/kevlar composites. <i>Polymer Composites</i> , 2019, 40, E550.	4.6	3
234	A study on design and properties of woven-nonwoven multi-layered hybrid geotextiles. <i>Journal of Industrial Textiles</i> , 2022, 51, 640S-658S.	2.4	3

#	ARTICLE	IF	CITATIONS
235	Polysulfonamide/Stainless Steel Woven Fabrics: Manufacturing Techniques, Flame Retardance and Electromagnetic Shielding Effectiveness. <i>Fibers and Polymers</i> , 2020, 21, 775-784.	2.1	3
236	Reinforcing Techniques and Property Evaluations of Electromagnetic Shielding Effective Fabrics Based on Polypropylene-coated Carbon Fibers. <i>Fibers and Polymers</i> , 2021, 22, 658-663.	2.1	3
237	Structure design of multi-functional flexible electrocardiogram electrodes based on PEDOT:PSS-coated fabrics. <i>Journal of Industrial Textiles</i> , 2022, 51, 8077S-8091S.	2.4	3
238	Bionic micro- ϵ -interface lattice foam-core composites: Manufacturing techniques, compression resistance, bursting strength, low- ϵ velocity impact, and dynamic cushion efficacy. <i>Polymers for Advanced Technologies</i> , 2022, 33, 738-749.	3.2	3
239	Hemostasis Evaluation of Antibacterial and Highly Absorbent Composite Wound Dressings in Animal Hemostasis Models. <i>Polymers</i> , 2022, 14, 1764.	4.5	3
240	Preparation and Characterization of PEDOT:PSS/TiO ₂ Micro/Nanofiber-Based Gas Sensors. <i>Polymers</i> , 2022, 14, 1780.	4.5	3
241	Flexible μ -nano composite membranes based on a μ -step strategy: charge recovery and efficient gradient air filtration. <i>Polymer International</i> , 2022, 71, 1257-1266.	3.1	3
242	A Study on Preparation and Property Evaluations of Composites Consisting of TPU/Triclosan Membranes and Tencel [®] /LMPET Nonwoven Fabrics. <i>Polymers</i> , 2022, 14, 2514.	4.5	3
243	Preparation technique and property evaluation of flame-retarding/thermal-insulating/puncture-resisting PU foam composites. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	2
244	Sound-Absorbing and Flame-Retarding Property of Nonwoven Compounded PU foam Planks. <i>Journal of Engineered Fibers and Fabrics</i> , 2015, 10, 155892501501000.	1.0	2
245	Poly(lactic acid) tubular knits used as vascular grafts: Mechanical property evaluation. <i>Fibers and Polymers</i> , 2015, 16, 2593-2600.	2.1	2
246	Manufacturing and property evaluations of X-ray shielding fabric and pattern making of vests. <i>Fibers and Polymers</i> , 2015, 16, 216-222.	2.1	2
247	Using 3D Composite Electrode Materials for Electricity Generation from Swine Wastewater in a Dual-Chamber Microbial Fuel Cells. <i>Journal of the Chinese Chemical Society</i> , 2017, 64, 618-626.	1.4	2
248	High-performance hybrid composites made of recycled Nomex, Kevlar, and polyester selvages: mechanical property evaluations. <i>Journal of the Textile Institute</i> , 2019, 110, 1767-1773.	1.9	2
249	Using unwrapped filament tows to strengthen sandwich composites: Puncture and bursting resistance. <i>Journal of Industrial Textiles</i> , 2020, 49, 1374-1388.	2.4	2
250	Manufacturing techniques and property evaluations of sandwich-structured composite materials with electromagnetic shielding, flame retardance, and far-infrared emissivity. <i>Journal of Sandwich Structures and Materials</i> , 2020, 22, 2075-2088.	3.5	2
251	Sports protective elastic knits: structure design and property evaluations. <i>Journal of the Textile Institute</i> , 2020, 111, 424-433.	1.9	2
252	Effects of different structures on the functional and mechanical properties of elastic knitted fabrics. <i>Journal of the Textile Institute</i> , 2022, 113, 332-340.	1.9	2

#	ARTICLE	IF	CITATIONS
253	Hierarchically structured polyvinylidene fluoride core-shell composite yarn based on electrospinning coating method to improve piezoelectricity. <i>Polymers for Advanced Technologies</i> , 0, , .	3.2	2
254	Effects of composition and density of nonwoven fabric on a soil-free growing medium. <i>Journal of Industrial Textiles</i> , 2013, 43, 204-214.	2.4	1
255	Manufacturing technique and mechanical properties of polylactide acid net/chitosan composite membrane. <i>Fibers and Polymers</i> , 2014, 15, 1739-1744.	2.1	1
256	Surface Observation and Pore Size Analyses of Polypropylene/Low-Melting Point Polyester Filter Materials: Influences of Heat Treatment. <i>MATEC Web of Conferences</i> , 2016, 67, 07028.	0.2	1
257	Using a weft-knitting technique to make elastic degradable vascular stents. <i>Fibers and Polymers</i> , 2016, 17, 608-614.	2.1	1
258	High strength polyester/polypropylene geogrids: manufacturing techniques and application evaluations. <i>Journal of the Textile Institute</i> , 2017, 108, 735-742.	1.9	1
259	Feasibility Assessments of the Use of Recycled Fibers in Nonwoven Fabrics. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 58.	2.5	1
260	Tensile, electromagnetic, and far-infrared properties of stainless steel/far-infrared polyester composite materials. <i>Polymer Composites</i> , 2019, 40, 2219-2230.	4.6	1
261	Flame-retardant agent and fire-retardant fabrics reinforced the polyurethane foam: Combustion resistance and mechanical properties. <i>Journal of Sandwich Structures and Materials</i> , 2020, 22, 2408-2420.	3.5	1
262	Mass production and effect of polyurethane/graphene coating on the durability and versatile protection of ultralight nylon fabrics. <i>Polymer International</i> , 2021, 70, 308-316.	3.1	1
263	A Facile Method to Fabricate Bioenvironmentally Friendly Janus Nonwoven Medical Covers: Preparation and Property Evaluation. <i>Fibers and Polymers</i> , 2021, 22, 123-130.	2.1	1
264	Preparation and evaluation of polyester-cotton/wire blended conductive woven fabrics for electromagnetic shielding. <i>Journal of Industrial Textiles</i> , 0, , 152808372199718.	2.4	1
265	Carbon nanotube/polypropylene/polycarbonate conductive nanocomposite films: Preparation and characterization. <i>Journal of Applied Polymer Science</i> , 2021, 138, 51276.	2.6	1
266	Application of polyhexamethylene guanidine hydrochloride to polylactic acid/polyphenylene block copolymer antibacterial composite membranes: Manufacturing technique and property evaluations. <i>Journal of Applied Polymer Science</i> , 0, , .	2.6	1
267	Near room-temperature in situ interfacial polymerization for PEDOT-based thermoelectric textile. <i>Materials Today Communications</i> , 2022, 32, 103856.	1.9	1
268	Effect of manufacturing parameters and thermal treatment on the properties of tubular braids and tubular knits. <i>Journal of Polymer Engineering</i> , 2016, 36, 421-430.	1.4	0
269	Preparation and Mechanical Property Evaluations of Puncture-Resistant Insoles Composites Reinforced by High-Modulus Filament and Thermal Bonding. <i>Fibers and Polymers</i> , 2018, 19, 1309-1317.	2.1	0
270	Bamboo Charcoal/Quick-Dry/Metallic Elastic Knits: Manufacturing Techniques and Property Evaluations. <i>Fibers and Polymers</i> , 2019, 20, 1504-1518.	2.1	0

#	ARTICLE	IF	CITATIONS
271	Manufacturing techniques and property evaluations of stainless steel composite fabrics. Journal of Industrial Textiles, 2020, 50, 740-753.	2.4	0
272	Durability and adsorption of heavy metal ions of glass-geogrid-reinforced geosynthetic clay liners. Journal of Sandwich Structures and Materials, 2021, 23, 2798-2816.	3.5	0
273	Preparation and mechanical properties characterization: plasma-modified expanded vermiculite/fabric-reinforced foam composite materials. Polymer International, 2021, 70, 1255-1263.	3.1	0
274	Oxidative removal of As(III) by polyacrylonitrile@Ag-Ag ₂ O/schwertmannite nanofiber under visible light. Journal of Industrial Textiles, 0, , 152808372110569.	2.4	0
275	Pomelo-inspired sandwich composites: manufacturing and cushioning property. Textile Research Journal, 0, , 004051752210950.	2.2	0