

Jia-Horng Lin

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

233
papers

2,717
citations

25
h-index

37
g-index

254
ext. papers

3,615
ext. citations

3.8
avg, IF

5.75
L-index

#	Paper	IF	Citations
233	Effects of electrical stimulation at different frequencies on regeneration of transected peripheral nerve. <i>Neurorehabilitation and Neural Repair</i> , 2008 , 22, 367-73	4.7	87
232	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	10	83
231	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	8.4	79
230	Recycling Polyester and Polypropylene Nonwoven Selvages to Produce Functional Sound Absorption Composites. <i>Textile Research Journal</i> , 2005 , 75, 390-394	1.7	77
229	Preparation and Compatibility Evaluation of Polypropylene/High Density Polyethylene Polyblends. <i>Materials</i> , 2015 , 8, 8850-8859	3.5	74
228	Polypropylene/Graphene and Polypropylene/Carbon Fiber Conductive Composites: Mechanical, Crystallization and Electromagnetic Properties. <i>Applied Sciences (Switzerland)</i> , 2015 , 5, 1196-1210	2.6	68
227	Zeolitic Imidazolate Framework-8/Polypropylene-Polycarbonate Barklike Meltblown Fibrous Membranes by a Facile in Situ Growth Method for Efficient PM Capture. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 8730-8739	9.5	59
226	Microstructure and characterization of electrospun poly(vinyl alcohol) nanofiber scaffolds filled with graphene nanosheets. <i>Journal of Applied Polymer Science</i> , 2015 , 132,	2.9	55
225	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	8.6	52
224	Static and dynamic puncture behaviors of compound fabrics with recycled high-performance Kevlar fibers. <i>Composites Part B: Engineering</i> , 2014 , 59, 60-66	10	41
223	Applying vermiculite and perlite fillers to sound-absorbing/thermal-insulating resilient PU foam composites. <i>Fibers and Polymers</i> , 2015 , 16, 691-698	2	35
222	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	10	35
221	Bioinspired foam composites resembling pomelo peel: Structural design and compressive, bursting and cushioning properties. <i>Composites Part B: Engineering</i> , 2019 , 172, 290-298	10	31
220	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	1.6	30
219	Polypropylene/Short Glass Fibers Composites: Effects of Coupling Agents on Mechanical Properties, Thermal Behaviors, and Morphology. <i>Materials</i> , 2015 , 8, 8279-8291	3.5	30
218	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	30
217	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	5.5	29

216	Properties and Mechanism of Hydroxyapatite Coating Prepared by Electrodeposition on a Braid for Biodegradable Bone Scaffolds. <i>Nanomaterials</i> , 2019 , 9,	5.4	29
215	Recent advances in multifunctional hydroxyapatite coating by electrochemical deposition. <i>Journal of Materials Science</i> , 2020 , 55, 6352-6374	4.3	29
214	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	8.3	29
213	In situ growth polydopamine decorated polypropylen melt-blown membrane for highly efficient oil/water separation. <i>Chemosphere</i> , 2020 , 254, 126873	8.4	28
212	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	9.5	27
211	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	2	25
210	Metal/PET Composite Knitted Fabrics and Composites: Structural Design and Electromagnetic Shielding Effectiveness. <i>Journal of Electronic Materials</i> , 2012 , 41, 2267-2273	1.9	25
209	MXene-coated conductive composite film with ultrathin, flexible, self-cleaning for high-performance electromagnetic interference shielding. <i>Chemical Engineering Journal</i> , 2021 , 412, 128681	14.7	25
208	Manufacturing process and property evaluation of sound-absorbing and thermal-insulating polyester fiber/polypropylene/thermoplastic polyurethane composite board. <i>Journal of Industrial Textiles</i> , 2014 , 43, 627-640	1.6	24
207	Electromagnetic shielding effectiveness and functions of stainless steel/bamboo charcoal conductive fabrics. <i>Journal of Industrial Textiles</i> , 2014 , 44, 477-494	1.6	23
206	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	10	22
205	Acoustic absorption evaluation of high-modulus puncture resistance composites made by recycled selvages. <i>Textile Reseach Journal</i> , 2012 , 82, 1597-1611	1.7	22
204	Core-sheath structured TiO ₂ @PVDF/PAN electrospun membranes for photocatalysis and oil-water separation. <i>Polymer Composites</i> , 2020 , 41, 1013-1023	3	22
203	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	22
202	Quasi-static and dynamic mechanical responses of hybrid laminated composites based on high-density flexible polyurethane foam. <i>Composites Part B: Engineering</i> , 2015 , 83, 253-263	10	21
201	Biodegradable Bisvinyl Sulfonemethyl-crosslinked Gelatin Conduit Promotes Regeneration after Peripheral Nerve Injury in Adult Rats. <i>Scientific Reports</i> , 2017 , 7, 17489	4.9	21
200	Effect of Fiber Arrangement on the Mechanical Properties of Thermally Bonded Nonwoven Fabrics. <i>Textile Reseach Journal</i> , 2003 , 73, 917-920	1.7	21
199	Preparation and characterization of SEBS-g-MAH-filled flexible polyurethane foam composites with gradient-changing structure. <i>Materials and Design</i> , 2019 , 183, 108150	8.1	20

198	Multifunctional, Polyurethane-Based Foam Composites Reinforced by a Fabric Structure: Preparation, Mechanical, Acoustic, and EMI Shielding Properties. <i>Materials</i> , 2018 , 11,	3.5	20
197	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,	5.4	19
196	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	12.8	19
195	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	3.7	18
194	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	5.1	18
193	Highly Absorbent Antibacterial Hemostatic Dressing for Healing Severe Hemorrhagic Wounds. <i>Materials</i> , 2016 , 9,	3.5	18
192	Determination of electromagnetic shielding and antibacterial properties of multifunctional warp-knitted fabrics. <i>Journal of the Textile Institute</i> , 2015 , 106, 1203-1211	1.5	17
191	Needle-punched thermally-bonded eco-friendly nonwoven geotextiles: Functional properties. <i>Materials Letters</i> , 2016 , 183, 77-80	3.3	17
190	Manufacture and effectiveness evaluations of high-modulus electromagnetic interference shielding/puncture resisting composites. <i>Textile Reseach Journal</i> , 2013 , 83, 1796-1807	1.7	17
189	Mass-Production and Characterizations of Polyvinyl Alcohol/Sodium Alginate/Graphene Porous Nanofiber Membranes Using Needleless Dynamic Linear Electrospinning. <i>Polymers</i> , 2018 , 10,	4.5	17
188	Biodegradable Polyvinyl Alcohol Vascular Stents: Structural Model and Mechanical and Biological Property Evaluation. <i>Materials Science and Engineering C</i> , 2018 , 91, 404-413	8.3	17
187	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	16
186	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	4.7	16
185	Nonwoven fabric/spacer fabric/polyurethane foam composites: Physical and mechanical evaluations. <i>Fibers and Polymers</i> , 2016 , 17, 789-794	2	16
184	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	16
183	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	1.6	15
182	PP/TiO Melt-Blown Membranes for Oil/Water Separation and Photocatalysis: Manufacturing Techniques and Property Evaluations. <i>Polymers</i> , 2019 , 11,	4.5	15
181	Mechanical and physical properties of puncture-resistance plank made of recycled selvages. <i>Fibers and Polymers</i> , 2013 , 14, 258-265	2	15

180	Sound absorbent, flame retardant warp knitting spacer fabrics: Manufacturing techniques and characterization evaluations. <i>Fibers and Polymers</i> , 2015 , 16, 2682-2688	2	15
179	Polypropylene/Polyvinyl Alcohol/Metal-Organic Framework-Based Melt-Blown Electrospun Composite Membranes for Highly Efficient Filtration of PM. <i>Nanomaterials</i> , 2020 , 10,	5.4	15
178	Biomedical Applications of Antibacterial Nanofiber Mats Made of Electrospinning with Wire Electrodes. <i>Applied Sciences (Switzerland)</i> , 2016 , 6, 46	2.6	15
177	Bioinspired design of underwater superoleophobic Poly(N-isopropylacrylamide)/polyacrylonitrile/TiO nanofibrous membranes for highly efficient oil/water separation and photocatalysis. <i>Environmental Research</i> , 2020 , 186, 109494	7.9	15
176	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	1.5	14
175	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	3.7	14
174	The Effects of Thermoplastic Polyurethane on the Structure and Mechanical Properties of Modified Polypropylene Blends. <i>Applied Sciences (Switzerland)</i> , 2017 , 7, 1254	2.6	14
173	Introduction to an Innovative Rotor Twister. <i>Journal of the Textile Institute</i> , 1998 , 89, 266-273	1.5	14
172	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	10	14
171	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	2.1	14
170	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	13
169	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	13
168	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	14.7	13
167	Effects of Taxol on Regeneration in a Rat Sciatic Nerve Transection Model. <i>Scientific Reports</i> , 2017 , 7, 42280	4.9	12
166	Polypropylene/thermoplastic polyurethane blends: mechanical characterizations, recyclability and sustainable development of thermoplastic materials. <i>Journal of Materials Research and Technology</i> , 2020 , 9, 5304-5312	5.5	12
165	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	12
164	Investigation and fabrication of multifunctional metal composite knitted fabrics. <i>Textile Research Journal</i> , 2015 , 85, 188-199	1.7	12
163	Functional Properties and Electromagnetic Shielding Behaviour of Elastic Warp-knitted Fabrics. <i>Fibres and Textiles in Eastern Europe</i> , 2015 , 23, 78-83	0.9	12

162	Eco-friendly versatile protective polyurethane/triclosan coated polylactic acid nonwovens for medical covers application. <i>Journal of Cleaner Production</i> , 2021 , 282, 124455	10.3	12
161	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	10	12
160	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	2.7	11
159	Exploring the Interfacial Phase and Stacking in Aligned Carbon Nanotube/Polyimide Nanocomposites. <i>Nanomaterials</i> , 2020 , 10,	5.4	11
158	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	11
157	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	10	11
156	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	5.5	11
155	Two-step strategy for constructing hierarchical pore structured chitosan-hydroxyapatite composite scaffolds for bone tissue engineering. <i>Carbohydrate Polymers</i> , 2021 , 260, 117765	10.3	11
154	Puncture-resisting, sound-absorbing and thermal-insulating properties of polypropylene-selvages reinforced composite nonwovens. <i>Journal of Industrial Textiles</i> , 2016 , 45, 1477-1489	1.6	11
153	Facile fabrication and mass production of TPU/Silica/STF coated aramid fabric with excellent flexibility and quasi-static stab resistance for versatile protection. <i>Progress in Organic Coatings</i> , 2021 , 151, 106088	4.8	11
152	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	3.7	11
151	UV resistance and water barrier properties of PP/PLA/MAH/TiO ₂ functional hybrid biocomposite films for packaging application. <i>Advances in Polymer Technology</i> , 2018 , 37, 2971-2980	1.9	10
150	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	10
149	Effect of hydrogen peroxide concentration on the nanostructure of hydroxyapatite coatings via ultrasonic-assisted electrodeposition. <i>Materials Letters</i> , 2020 , 261, 126989	3.3	10
148	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	10
147	Needle-Bonded Electromagnetic Shielding Thermally Insulating Nonwoven Composite Boards: Property Evaluations. <i>Applied Sciences (Switzerland)</i> , 2016 , 6, 303	2.6	10
146	Multiscale composite nanofiber membranes with asymmetric wettability: preparation, characterization, and applications in wound dressings. <i>Journal of Materials Science</i> , 2021 , 56, 4407-4419	4.3	10
145	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	10.2	10

144	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	1.6	9
143	One-Step Bark-Like Imitated Polypropylene (PP)/Polycarbonate (PC) Nanofibrous Meltblown Membrane for Efficient Particulate Matter Removal. <i>Polymers</i> , 2019 , 11,	4.5	9
142	Effects of needle punching and hot pressing on mechanical properties of composite geotextiles. <i>Journal of Industrial Textiles</i> , 2017 , 47, 522-534	1.6	9
141	Properties and manufacture technique of the functional bamboo charcoal/metal complex fabrics. <i>Journal of Industrial Textiles</i> , 2014 , 44, 332-348	1.6	9
140	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	9
139	Layer-by-layer assembly of low-temperature in-situ polymerized pyrrole coated nanofiber membrane for high-efficiency electromagnetic interference shielding. <i>Progress in Organic Coatings</i> , 2020 , 147, 105861	4.8	9
138	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	2.6	9
137	Illustrating hybrid effect and damage evolution of carbon/aramid braided composite under low-velocity impact. <i>Composite Structures</i> , 2020 , 245, 112372	5.3	9
136	Flexible polyurethane foam-based sandwich composites: Preparation and evaluation of thermal, acoustic, and electromagnetic properties. <i>Journal of Applied Polymer Science</i> , 2018 , 135, 46871	2.9	9
135	Recovery evaluation of ratsRdamaged 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	8.3	8
134	Compressive properties of high-resilience thermal-bonding cushioning inter/intra-ply hybrid composites. <i>Journal of Composite Materials</i> , 2015 , 49, 3823-3835	2.7	8
133	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	10.3	8
132	Wicking behavior and dynamic elastic recovery properties of multifunction elastic warp-knitted fabrics. <i>Textile Reseach Journal</i> , 2015 , 85, 1486-1496	1.7	8
131	Effects of Perforation on Rigid PU Foam Plates: Acoustic and Mechanical Properties. <i>Materials</i> , 2016 , 9,	3.5	8
130	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	2.1	8
129	Statistical analyses for tensile properties of nonwoven geotextiles at different ambient environmental temperatures. <i>Journal of Industrial Textiles</i> , 2017 , 47, 331-347	1.6	7
128	Investigation of the Shear Thickening Fluid Encapsulation in an Orifice Coagulation Bath. <i>Polymers</i> , 2019 , 11,	4.5	7
127	Mechanical properties of a STF capsule filled flexible polyurethane composite foam. <i>Materials Letters</i> , 2020 , 269, 127580	3.3	7

126	Expanded Vermiculite-Filled Polyurethane Foam-Core Bionic Composites: Preparation and Thermal, Compression, and Dynamic Cushion Properties. <i>Polymers</i> , 2019 , 11,	4.5	7
125	Mechanical and physical properties of puncture-resistance insole made of Kevlar® recycled selvages. <i>Fibers and Polymers</i> , 2017 , 18, 2219-2224	2	7
124	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	3.5	7
123	Recycling polypropylene non-woven selvages to create far-infrared composite plates. <i>Journal of Thermoplastic Composite Materials</i> , 2012 , 25, 561-571	1.9	7
122	The Influence of the Twist Direction on the Physical Properties of a Plied Yarn in a Rotor Twister. <i>Journal of the Textile Institute</i> , 1998 , 89, 480-484	1.5	7
121	Polyvinylidene Fluoride Electrospun Fibers Loaded TiO ₂ for Photocatalytic Degradation and Oil/Water Separation. <i>Fibers and Polymers</i> , 2020 , 21, 1475-1487	2	7
120	Multi-scaled, hierarchical nanofibrous membrane for oil/water separation and photocatalysis: Preparation, characterization and properties evaluation. <i>Progress in Organic Coatings</i> , 2021 , 152, 106125	4.8	7
119	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	8.4	7
118	Characterization of acoustic-absorbing inter/intra-ply hybrid laminated composites under dynamic loading. <i>Fibers and Polymers</i> , 2016 , 17, 439-452	2	7
117	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	4.3	6
116	Effects of bi-particle-sized shear thickening fluid on rheological behaviors and stab resistance of Kevlar fabrics. <i>Journal of Industrial Textiles</i> , 2020 , 152808372090740	1.6	6
115	Fabrication of polyacrylonitrile/polyvinyl alcohol/PUR with highly breathable, permeable performances for directional water transport Janus fibrous membranes by sandwich structural design. <i>Journal of Sandwich Structures and Materials</i> , 2020 , 109963622090975	2.1	6
114	Effects of Electrical Stimulation on Peripheral Nerve Regeneration in a Silicone Rubber Conduit in Taxol-Treated Rats. <i>Materials</i> , 2020 , 13,	3.5	6
113	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	2.8	6
112	Antibacterial properties and electrical characteristics of multifunctional metal composite fabrics. <i>Journal of Industrial Textiles</i> , 2016 , 45, 834-852	1.6	6
111	Effect of twist coefficient and thermal treatment temperature on elasticity and tensile strength of wrapped yarns. <i>Textile Reseach Journal</i> , 2016 , 86, 24-33	1.7	6
110	Characterization and Microstructure of Linear Electrode-Electrospun Graphene-Filled Polyvinyl Alcohol Nanofiber Films. <i>Materials</i> , 2018 , 11,	3.5	6
109	Manufacturing and mechanical characterization of perforated hybrid composites based on flexible polyurethane foam. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	6

108	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	1.5	6
107	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	3.4	6
106	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	5.5	6
105	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	6
104	Polyethylene terephthalate/basalt stab-resistant sandwich composites based on the BoxBehnken design: Parameter optimization and empirical regression model. <i>Journal of Sandwich Structures and Materials</i> , 2020 , 22, 2391-2407	2.1	6
103	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	8.4	6
102	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	2.1	6
101	Enhancing piezoelectricity of poly(vinylidene fluoride) nano-wrapped yarns with an innovative yarn electrospinning technique. <i>Polymer International</i> , 2021 , 70, 851-859	3.3	6
100	Superhydrophobic/Flame Retardant/EMI Shielding Fabrics: Manufacturing Techniques and Property Evaluations. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 1914	2.6	5
99	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	4.8	5
98	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	5
97	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	1.6	5
96	Characteristics, Compression, and Buffering Performance of Pomelo-Like Hierarchical Capsules Containing Shear Thickening Fluid. <i>Polymers</i> , 2019 , 11,	4.5	5
95	Antibacterial behavior and physical properties of silver nanoparticle-doped ecofriendly nonwoven fabrics. <i>Cellulose</i> , 2014 , 21, 1957-1964	5.5	5
94	Enhanced sandwich structure composite with shear thickening fluid and thermoplastic polyurethanes for High-performance stab resistance. <i>Composite Structures</i> , 2021 , 114930	5.3	5
93	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	4.8	5
92	Daylight-driven photosensitive antibacterial melt-blown membranes for medical use. <i>Journal of Cleaner Production</i> , 2021 , 296, 126395	10.3	5
91	Applications of geotextiles made of PET-filament-based nonwoven fabrics. <i>Fibers and Polymers</i> , 2016 , 17, 1955-1962	2	5

90	Construction of BiOI/TiO 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	10.2	5
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80	Functional Elastic Knits Made of Bamboo Charcoal and Quick-Dry Yarns: Manufacturing Techniques and Property Evaluations. <i>Applied Sciences (Switzerland)</i> , 2017 , 7, 1287	2.6	4
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