

Shouxiang Jiang

List of Publications by Year in descending order

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132
papers

3,836
citations

109137

35
h-index

155451

55
g-index

132
all docs

132
docs citations

132
times ranked

4509
citing authors

#	ARTICLE	IF	CITATIONS
1	Konjac glucomannan/graphene oxide hydrogel with enhanced dyes adsorption capability for methyl blue and methyl orange. <i>Applied Surface Science</i> , 2015, 357, 866-872.	3.1	172
2	Catalytic ozonation of simulated textile dyeing wastewater using mesoporous carbon aerogel supported copper oxide catalyst. <i>Journal of Cleaner Production</i> , 2016, 112, 4710-4718.	4.6	160
3	Bi ₂ WO ₆ /Nb ₂ CT _x MXene hybrid nanosheets with enhanced visible-light-driven photocatalytic activity for organic pollutants degradation. <i>Applied Surface Science</i> , 2020, 505, 144595.	3.1	119
4	Facile preparation of graphene nanoribbon filled silicone rubber nanocomposite with improved thermal and mechanical properties. <i>Composites Part B: Engineering</i> , 2015, 69, 237-242.	5.9	114
5	Flexible and ultrathin electrospun regenerate cellulose nanofibers and d-Ti ₃ C ₂ T _x (MXene) composite film for electromagnetic interference shielding. <i>Journal of Alloys and Compounds</i> , 2019, 788, 1246-1255.	2.8	111
6	MXene-based rGO/Nb ₂ CT _x /Fe ₃ O ₄ composite for high absorption of electromagnetic wave. <i>Chemical Engineering Journal</i> , 2021, 405, 126626.	6.6	103
7	Wearable strain sensing textile based on one-dimensional stretchable and weavable yarn sensors. <i>Nano Research</i> , 2018, 11, 5799-5811.	5.8	99
8	Regeneration and reuse of highly polluting textile dyeing effluents through catalytic ozonation with carbon aerogel catalysts. <i>Journal of Cleaner Production</i> , 2016, 137, 1055-1065.	4.6	97
9	Lightweight and ultrathin TiO ₂ -Ti ₃ C ₂ T _x /graphene film with electromagnetic interference shielding. <i>Chemical Engineering Journal</i> , 2019, 360, 1158-1166.	6.6	94
10	Highly transparent and infrared reflective AZO/Ag/AZO multilayer film prepared on PET substrate by RF magnetron sputtering. <i>Vacuum</i> , 2014, 106, 1-4.	1.6	93
11	Synthesis of polypyrrole nanocomposites decorated with silver nanoparticles with electrocatalysis and antibacterial property. <i>Composites Part B: Engineering</i> , 2015, 69, 232-236.	5.9	93
12	Hydrothermal synthesis of magnetic CoFe ₂ O ₄ /graphene nanocomposites with improved photocatalytic activity. <i>Applied Surface Science</i> , 2015, 351, 140-147.	3.1	89
13	Carbon nanotubes based high temperature vulcanized silicone rubber nanocomposite with excellent elasticity and electrical properties. <i>Composites Part A: Applied Science and Manufacturing</i> , 2014, 66, 135-141.	3.8	88
14	Microwave-assisted deposition of silver nanoparticles on bamboo pulp fabric through dopamine functionalization. <i>Applied Surface Science</i> , 2016, 386, 151-159.	3.1	83
15	Graphene nanoribbon coated flexible and conductive cotton fabric. <i>Composites Science and Technology</i> , 2015, 117, 208-214.	3.8	79
16	Enhanced photocatalytic activity of Bi ₂ WO ₆ /TiO ₂ composite coated polyester fabric under visible light irradiation. <i>Applied Surface Science</i> , 2018, 435, 626-634.	3.1	74
17	Preparation of flexible supercapacitor with RGO/Ni-MOF film on Ni-coated polyester fabric. <i>Electrochimica Acta</i> , 2019, 318, 23-31.	2.6	72
18	Coating fabrics with gold nanorods for colouring, UV-protection, and antibacterial functions. <i>Nanoscale</i> , 2013, 5, 788-795.	2.8	69

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19	Infrared reflective properties of AZO/Ag/AZO trilayers prepared by RF magnetron sputtering. <i>Ceramics International</i> , 2014, 40, 12847-12853.	2.3	59
20	Impact of vinyl concentration of a silicone rubber on the properties of the graphene oxide filled silicone rubber composites. <i>Composites Part B: Engineering</i> , 2016, 84, 294-300.	5.9	56
21	The synthesis of graphene nanoribbon and its reinforcing effect on poly (vinyl alcohol). <i>Composites Part A: Applied Science and Manufacturing</i> , 2015, 68, 149-154.	3.8	55
22	Preparation of silver/reduced graphene oxide coated polyester fabric for electromagnetic interference shielding. <i>RSC Advances</i> , 2017, 7, 40452-40461.	1.7	47
23	Synthesis of carboxymethyl cellulose-reduced graphene oxide aerogel for efficient removal of organic liquids and dyes. <i>Journal of Materials Science</i> , 2019, 54, 1872-1883.	1.7	45
24	Rapid and highly sensitive SERS detection of fungicide based on flexible "wash free" metallic textile. <i>Applied Surface Science</i> , 2020, 512, 144693.	3.1	43
25	Construction of Ti ₃ C ₂ MXene@C@SnS with layered rock stratum structure for high-performance lithium storage. <i>Journal of Power Sources</i> , 2020, 462, 228152.	4.0	43
26	Effect of heat treatment on infrared reflection property of Al-doped ZnO films. <i>Solar Energy Materials and Solar Cells</i> , 2014, 127, 163-168.	3.0	42
27	Characterization of AZO and Ag based films prepared by RF magnetron sputtering. <i>Journal of Alloys and Compounds</i> , 2014, 616, 26-31.	2.8	41
28	Fabrication of conductive and flame-retardant bifunctional cotton fabric by polymerizing pyrrole and doping phytic acid. <i>Polymer Degradation and Stability</i> , 2019, 167, 277-282.	2.7	41
29	Flexible conductive copper/reduced graphene oxide coated PBO fibers modified with poly(dopamine). <i>Journal of Alloys and Compounds</i> , 2019, 788, 1169-1176.	2.8	41
30	Flexible, Reusable SERS Substrate Derived from ZIF-67 by Adjusting LUMO and HOMO and Its Application in Identification of Bacteria. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 49452-49463.	4.0	41
31	Rapid microwave-assisted bio-synthesized silver/Dandelion catalyst with superior catalytic performance for dyes degradation. <i>Journal of Hazardous Materials</i> , 2019, 371, 506-512.	6.5	40
32	Microwave-assisted synthesis of silver/reduced graphene oxide on cotton fabric. <i>Cellulose</i> , 2017, 24, 4045-4055.	2.4	39
33	Self-assembling porous 3D titanium dioxide-reduced graphene oxide aerogel for the tunable absorption of oleic acid and RhodamineB dye. <i>Journal of Alloys and Compounds</i> , 2018, 735, 246-252.	2.8	39
34	Flexible and reusable cap-like thin Fe ₂ O ₃ film for SERS applications. <i>Nano Research</i> , 2019, 12, 381-388.	5.8	39
35	<i>In Situ</i> Electrospun Zein/Thyme Essential Oil-Based Membranes as an Effective Antibacterial Wound Dressing. <i>ACS Applied Bio Materials</i> , 2020, 3, 302-307.	2.3	39
36	Photo-thermal conversion and thermal insulation properties of ZrC coated polyester fabric. <i>Fibers and Polymers</i> , 2017, 18, 1938-1944.	1.1	34

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37	Fabrication of Ag and AZO/Ag/AZO ceramic films on cotton fabrics for solar control. <i>Ceramics International</i> , 2015, 41, 6312-6317.	2.3	32
38	Bismuth tungstate coating on polyester fabric modified with dopamine for photocatalytic property under visible light irradiation. <i>Surface and Coatings Technology</i> , 2017, 319, 219-229.	2.2	32
39	Water-repellency, ultraviolet protection and infrared emissivity properties of AZO film on polyester fabric. <i>Ceramics International</i> , 2017, 43, 2424-2430.	2.3	31
40	AgNps-PVA-coated woven cotton fabric: Preparation, water repellency, shielding properties and antibacterial activity. <i>Journal of Industrial Textiles</i> , 2019, 48, 1545-1565.	1.1	31
41	Covalently functionalized graphene with α -D-glucose and its reinforcement to poly(vinylidene fluoride) (PVDF) film. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 8431-8439.	1.7	30
42	The Effect of Polydopamine on an Ag-Coated Polypropylene Nonwoven Fabric. <i>Polymers</i> , 2019, 11, 627.	2.0	29
43	Fabrication of high infrared reflective ceramic films on polyester fabrics by RF magnetron sputtering. <i>Ceramics International</i> , 2015, 41, 1595-1601.	2.3	27
44	Magnetron sputtering deposition of Ag/Ag ₂ O bilayer films for highly efficient color generation on fabrics. <i>Ceramics International</i> , 2020, 46, 13342-13349.	2.3	27
45	Preparation of multi-functional fabric via silver/reduced graphene oxide coating with poly(diallyldimethylammonium chloride) modification. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 8010-8019.	1.1	26
46	Waste Cotton Fabric/Zinc Borate Composite Aerogel with Excellent Flame Retardancy. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 10335-10344.	3.2	25
47	Ultrasound-aided dyeing of cotton fabric with spirooxazines and photochromic properties. <i>Fibers and Polymers</i> , 2015, 16, 1312-1318.	1.1	24
48	Fabrication of copper and titanium coated textiles for sunlight management. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 9852-9858.	1.1	24
49	CNTs anchored on defective bimetal oxide NiCoO ₂ -x microspheres for high-performance lithium-ion battery anode. <i>Electrochimica Acta</i> , 2020, 354, 136760.	2.6	24
50	Surface characterization of sputter silver-coated polyester fiber. <i>Fibers and Polymers</i> , 2011, 12, 616-619.	1.1	23
51	Fabrication of silk fibroin/poly(lactic-co-glycolic acid)/graphene oxide microfiber mat via electrospinning for protective fabric. <i>Materials Science and Engineering C</i> , 2020, 107, 110308.	3.8	23
52	Microwave-assisted synthesis of silver nanoparticles on cotton fabric modified with 3-aminopropyltrimethoxysilane. <i>Journal of Applied Polymer Science</i> , 2013, 130, 3862-3868.	1.3	22
53	Transparent conductive and infrared reflective AZO/Cu/AZO multilayer film prepared by RF magnetron sputtering. <i>Journal of Materials Science: Materials in Electronics</i> , 2014, 25, 5248-5254.	1.1	21
54	Fabrication of 3D Polypyrrole/Graphene Oxide Composite Hydrogels with High Performance Swelling Properties. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2014, 24, 884-889.	1.9	21

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55	Enhanced electro-conductivity and multi-shielding performance with copper, stainless steel and titanium coating onto PVA impregnated cotton fabric. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 5624-5633.	1.1	21
56	Flexible, stable and sensitive surface-enhanced Raman scattering of graphite/titanium-cotton substrate for conformal rapid food safety detection. <i>Cellulose</i> , 2020, 27, 941-954.	2.4	21
57	Visible-light-driven photocatalytic degradation of rhodamine B using Bi ₂ WO ₆ /GO deposited on polyethylene terephthalate fabric. <i>Journal of Leather Science and Engineering</i> , 2020, 2, .	2.7	20
58	Electrochemical analysis of conducting reduced graphene oxide/polyaniline/polyvinyl alcohol nanofibers as supercapacitor electrodes. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 5958-5965.	1.1	20
59	Waste cotton fiber/Bi ₂ WO ₆ composite film for dye removal. <i>Cellulose</i> , 2019, 26, 3909-3922.	2.4	19
60	Synthesis of 3D lotus biochar/reduced graphene oxide aerogel as a green adsorbent for Cr(VI). <i>Materials Chemistry and Physics</i> , 2020, 253, 123271.	2.0	19
61	Fabrication of porous and amorphous TiO ₂ thin films on flexible textile substrates. <i>Ceramics International</i> , 2015, 41, 9177-9182.	2.3	18
62	Facile synthesis of nickel/reduced graphene oxide-coated glass fabric for highly efficient electromagnetic interference shielding. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 8910-8922.	1.1	18
63	Preparation and characterization of shielding textiles to prevent infrared penetration with Ag thin films. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 3542-3547.	1.1	17
64	Extremely stretchable strain sensors with ultra-high sensitivity based on carbon nanotubes and graphene for human motion detection. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 12608-12619.	1.1	17
65	Microwave-assisted coating of silver nanoparticles on bamboo rayon fabrics modified with poly(diallyldimethylammonium chloride). <i>Cellulose</i> , 2016, 23, 2677-2688.	2.4	16
66	Preparation and characterization of Fe ₂ O ₃ coating on quartz fabric by electron beam evaporation. <i>Ceramics International</i> , 2016, 42, 19386-19392.	2.3	16
67	The effect of laser engraving on aluminum foil-laminated denim fabric. <i>Textile Research Journal</i> , 2016, 86, 919-932.	1.1	16
68	The stability study of copper sputtered polyester fabrics in synthetic perspiration. <i>Vacuum</i> , 2019, 164, 205-211.	1.6	16
69	Microstructure and photoluminescent properties of Y ₂ O ₃ :Eu ³⁺ phosphors synthesised by precipitation and combustion methods. <i>Materials Technology</i> , 2014, 29, 198-203.	1.5	15
70	Preparation and characterization of lotus fibers from lotus stems. <i>Journal of the Textile Institute</i> , 2018, 109, 1322-1328.	1.0	15
71	IR protection property and color performance of TiO ₂ /Cu/TiO ₂ coated polyester fabrics. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 16188-16198.	1.1	15
72	Carbon nanotubes/acetylene black/Ecoflex with corrugated microcracks for enhanced sensitivity for stretchable strain sensors. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 14145-14156.	1.1	15

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73	Extraction of lotus fibres from lotus stems under microwave irradiation. Royal Society Open Science, 2017, 4, 170747.	1.1	14
74	Preparation and characterization of copper-coated polyester fabric pretreated with laser by magnetron sputtering. Journal of Industrial Textiles, 2018, 48, 482-493.	1.1	14
75	Solar heat shielding performance of potassium titanate whisker coated polypropylene fabric based on a bionic method. Composites Part B: Engineering, 2019, 177, 107408.	5.9	14
76	Reduced graphene oxide-coated carbonized cotton fabric wearable strain sensors with ultralow detection limit. Journal of Materials Science: Materials in Electronics, 2020, 31, 17233-17248.	1.1	14
77	Flexible and reusable SERS substrate for rapid conformal detection of residue on irregular surface. Cellulose, 2021, 28, 921-936.	2.4	14
78	Development of ZrC/T-shaped ZnO whisker coated dual-mode Janus fabric for thermal management. Solar Energy, 2022, 233, 196-203.	2.9	14
79	Fabrication of Ag thin film on polyester fabric by roll to roll magnetron sputtering system. Journal of Materials Science: Materials in Electronics, 2015, 26, 3364-3369.	1.1	13
80	The potential of cuttlebone as reinforced filler of polyurethane. Composites Science and Technology, 2014, 93, 17-22.	3.8	12
81	Crystallization temperature investigation of Cu ₂ ZnSnS ₄ by using Differential scanning calorimetry (DSC). Ceramics International, 2018, 44, 4256-4261.	2.3	12
82	A stable, ultrasensitive and flexible substrate integrated from 1D Ag/Fe ₂ O ₃ /SiO ₂ fibers for practical surface-enhanced Raman scattering detection. Composites Part B: Engineering, 2019, 177, 107376.	5.9	12
83	Flexible Ag SERS substrate for non-destructive and rapid detection of toxic materials on irregular surface. Surfaces and Interfaces, 2021, 23, 100995.	1.5	12
84	Infrared reflective property of AZO films prepared by RF magnetron sputtering. Materials Technology, 2014, 29, 321-325.	1.5	11
85	Fabrication of high infrared reflective AZO/Ag/AZO films on polyester fabrics. Journal of Materials Science: Materials in Electronics, 2015, 26, 1198-1204.	1.1	11
86	Minimizing Freshwater Consumption in the Wash-Off Step in Textile Reactive Dyeing by Catalytic Ozonation with Carbon Aerogel Hosted Bimetallic Catalyst. Polymers, 2018, 10, 193.	2.0	11
87	Mimicking Saharan silver antelope's hair: A bionic solar heat shielding architextile with hexagonal ZnO microrods coating. Materials Letters, 2020, 261, 127013.	1.3	11
88	Effect of sodium-doping on the performance of CZTS absorb layer: Single and bifacial sodium-incorporation method. Solar Energy, 2021, 221, 476-482.	2.9	11
89	Foam Dyeing for Developing the Wash-out Effect on Cotton Knitted Fabrics with Pigment. Research Journal of Textile and Apparel, 2011, 15, 44-51.	0.6	10
90	Silver nanoparticle coating on cotton fabric modified with poly(diallyldimethylammonium chloride). Materials Technology, 2016, 31, 431-436.	1.5	10

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91	Fabrication and characterization of copper coated polyamide-6 fibers with magnetron sputtering technology. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 18936-18943.	1.1	10
92	Effects of element ratio on robustness of CZTS films: Variations in sulfurization temperature. <i>Ceramics International</i> , 2020, 46, 25927-25934.	2.3	10
93	Secondary phases and disorder degree investigation of Cu ₂ ZnSnS ₄ films. <i>Ceramics International</i> , 2021, 47, 4135-4142.	2.3	10
94	Ag@ZIF-67 decorated cotton fabric as flexible, stable and sensitive SERS substrate for label-free detection of phenol-soluble modulin. <i>Cellulose</i> , 2021, 28, 7389-7404.	2.4	10
95	Cooling performance of a bioinspired micro-crystal-bars coated composite fabric with solar reflectance. <i>Composites Communications</i> , 2021, 27, 100814.	3.3	10
96	Adhesion and durability of Cu film on polyester fabric prepared by finishing treatment with polyester-polyurethane and aqueous acrylate. <i>Fibers and Polymers</i> , 2016, 17, 1397-1402.	1.1	9
97	Preparation and visible-light photocatalytic activity of bismuth tungstate/lotus fiber composite membrane. <i>Materials Letters</i> , 2018, 210, 16-19.	1.3	9
98	In Situ Surface Modification of Paper-Based Relics with Atmospheric Pressure Plasma Treatment for Preservation Purposes. <i>Polymers</i> , 2019, 11, 786.	2.0	9
99	Y ₂ O ₃ :Eu ³⁺ luminescent thin film deposited on quartz fiber by electron beam evaporation technology. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 4113-4118.	1.1	8
100	Influence of deposition temperature on luminescent efficiency of Y ₂ O ₃ :Eu ³⁺ thin films deposited on quartz fabric by EBE. <i>Ceramics International</i> , 2016, 42, 8102-8107.	2.3	8
101	Synthesis of silver nanoparticles on bamboo pulp fabric after plasma pretreatment. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 5925-5933.	1.1	8
102	Preparation and photocatalytic activity of bismuth tungstate coated polyester fabric. <i>Fibers and Polymers</i> , 2017, 18, 2212-2218.	1.1	8
103	A bio-based multi-functional composite film based on graphene and lotus fiber. <i>Cellulose</i> , 2019, 26, 1811-1823.	2.4	8
104	Influence of annealing temperature on microstructure and luminescent properties of Y ₂ O ₃ :Eu ³⁺ deposited quartz fibre. <i>Materials Technology</i> , 2016, 31, 7-12.	1.5	7
105	Synthesis of immobilized poly(vinyl alcohol)/cyclodextrin eco-adsorbent and its application for the removal of ibuprofen from pharmaceutical sewage. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	1.3	7
106	Silver nanoparticles coating on silk fabric with pretreatment of 3-aminopropyltrimethoxysilane in supercritical carbon dioxide. <i>Journal of Industrial Textiles</i> , 2018, 47, 883-896.	1.1	7
107	Fabrication of highly electrically conductive Ti/Ag/Ti tri-layer and Ti-Ag alloy thin films on PET fabrics by multi-target magnetron sputtering. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 19578-19587.	1.1	7
108	A highly electro-conductive and flexible fabric functionalized with bovine serum albumin for a wearable electronic device. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 14927-14934.	1.1	7

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109	The Application of Atmospheric Plasma for Cotton Fabric Desizing. <i>Fibers and Polymers</i> , 2019, 20, 2334-2341.	1.1	7
110	Nickel-catalyzed deposition of Cu film on PET fabric with supercritical fluid. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 16618-16626.	1.1	6
111	Synthesis of silver nanoparticles on wool fabric in supercritical carbon dioxide. <i>Materials Express</i> , 2017, 7, 405-410.	0.2	6
112	Ag-coated cotton fabric as ultrasensitive and flexible SERS substrate. <i>Journal of Industrial Textiles</i> , 2022, 51, 712S-727S.	1.1	6
113	The potential of yeast as eco-filler for waterborne polyurethane and its reinforcing mechanism. <i>European Polymer Journal</i> , 2014, 60, 6-13.	2.6	5
114	Flexible reduced graphene oxide/electroless copper plated poly(benzo)-benzimidazole fibers with electrical conductivity and corrosion resistance. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 1984-1992.	1.1	5
115	A novel template-free wet chemical synthesis method for economical production of zinc oxide microrods under atmospheric pressure. <i>Ceramics International</i> , 2020, 46, 2002-2009.	2.3	5
116	Compositional, structural, morphological, and optical characterization of magnetron sputtered CZTS thin films from various argon flow rate. <i>Physica B: Condensed Matter</i> , 2021, 623, 413375.	1.3	5
117	One-Step Assembly of Polypyrrole-Graphene Oxide Nanocomposite Sponges. <i>Nanoscience and Nanotechnology Letters</i> , 2014, 6, 1102-1106.	0.4	4
118	Effect of annealing rate on microstructure and luminescence of Y ₂ O ₃ :Eu ³⁺ deposited quartz fiber by electron beam evaporation. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 6868-6874.	1.1	4
119	Development of water-based polymeric dye and its application as a colorant for waterborne polyurethane. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	1.3	4
120	Effects of sodium hydroxide treatment on microstructure and mechanical properties of lotus fibers. <i>Fibers and Polymers</i> , 2017, 18, 1671-1678.	1.1	4
121	Fabrication and Characterization of Photochromic Spirooxazine/Polyvinylidene Fluoride Fiber Membranes via Electrospinning. <i>Fibres and Textiles in Eastern Europe</i> , 2018, 26, 34-38.	0.2	4
122	Adhesive properties of S.S to PU and PVC leathers. <i>International Journal of Clothing Science and Technology</i> , 2014, 26, 108-117.	0.5	3
123	Microstructure and adhesive properties of TiO ₂ coating on PU and PVC leathers. <i>Journal of the Textile Institute</i> , 2015, 106, 880-885.	1.0	3
124	Photodegradation of organic dyes by Bi ₂ WO ₆ coated cotton fabric modified with poly(diallyldimethylammoniumchloride) under visible light irradiation. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 1384-1391.	1.1	3
125	Embellishment of Fashion Design via Laser Engraving. <i>Research Journal of Textile and Apparel</i> , 2012, 16, 106-111.	0.6	2
126	Microstructure and hydrophobic properties of silver nanoparticles on amino-functionalised cotton fabric. <i>Materials Technology</i> , 2016, , 1-6.	1.5	2

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127	Microstructures and luminescent properties of CO ₂ laser annealed Y ₂ O ₃ :Eu ³⁺ thin films grown on quartz fabric by electron beam evaporation. <i>Textile Research Journal</i> , 2018, 88, 1824-1833.	1.1	2
128	NiCo ₂ S ₄ nanosheets and polypyrrole anchored porous micro-3D suede villus for flexible and waterproof energy storage. <i>Electrochimica Acta</i> , 2019, 321, 134650.	2.6	2
129	Three-dimensional stretchable knitted design with transformative properties. <i>Textile Research Journal</i> , 2021, 91, 1020-1036.	1.1	2
130	Effects of electron beam current on microstructure and luminescent properties of Y ₂ O ₃ :Eu ³⁺ thin film grown on quartz fabric by electron beam evaporation. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 17795-17801.	1.1	1
131	CO ₂ laser annealing for improved luminescent properties of Y ₂ O ₃ :Eu ³⁺ thin film grown on quartz fabric by using EBE. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 837-845.	1.1	0
132	Synergistically enhanced electric field in inhomogeneous nanocavities for the application of recyclable SERS sensing. <i>Applied Materials Today</i> , 2022, 26, 101251.	2.3	0