Songmin Shang

List of Publications by Year
in descending order

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		57758	76900
154	6,455	44	74
papers	citations	h-index	g-index

155	155	155	8898
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Well-Dispersed Chitosan/Graphene Oxide Nanocomposites. ACS Applied Materials & Interfaces, 2010, 2, 1707-1713.	8.0	681
2	Synthesis and characterization of layer-aligned poly(vinyl alcohol)/graphene nanocomposites. Polymer, 2010, 51, 3431-3435.	3.8	338
3	Highly durable all-fiber nanogenerator for mechanical energy harvesting. Energy and Environmental Science, 2013, 6, 2631.	30.8	317
4	Protic Ionic Liquid-Based Hybrid Proton-Conducting Membranes for Anhydrous Proton Exchange Membrane Application. Chemistry of Materials, 2010, 22, 1807-1813.	6.7	192
5	Konjac glucomannan/graphene oxide hydrogel with enhanced dyes adsorption capability for methyl blue and methyl orange. Applied Surface Science, 2015, 357, 866-872.	6.1	172
6	Catalytic ozonation of simulated textile dyeing wastewater using mesoporous carbon aerogel supported copper oxide catalyst. Journal of Cleaner Production, 2016, 112, 4710-4718.	9.3	160
7	High stretchable MWNTs/polyurethane conductive nanocomposites. Journal of Materials Chemistry, 2011, 21, 7274.	6.7	143
8	Facile preparation of graphene nanoribbon filled silicone rubber nanocomposite with improved thermal and mechanical properties. Composites Part B: Engineering, 2015, 69, 237-242.	12.0	114
9	Wearable strain sensing textile based on one-dimensional stretchable and weavable yarn sensors. Nano Research, 2018, 11, 5799-5811.	10.4	99
10	Regeneration and reuse of highly polluting textile dyeing effluents through catalytic ozonation with carbon aerogel catalysts. Journal of Cleaner Production, 2016, 137, 1055-1065.	9.3	97
11	Highly transparent and infrared reflective AZO/Ag/AZO multilayer film prepared on PET substrate by RF magnetron sputtering. Vacuum, 2014, 106, 1-4.	3.5	93
12	Synthesis of polypyrrole nanocomposites decorated with silver nanoparticles with electrocatalysis and antibacterial property. Composites Part B: Engineering, 2015, 69, 232-236.	12.0	93
13	Hydrothermal synthesis of magnetic CoFe2O4/graphene nanocomposites with improved photocatalytic activity. Applied Surface Science, 2015, 351, 140-147.	6.1	89
14	Carbon nanotubes based high temperature vulcanized silicone rubber nanocomposite with excellent elasticity and electrical properties. Composites Part A: Applied Science and Manufacturing, 2014, 66, 135-141.	7.6	88
15	Easy synthesis of carbon nanotubes with polypyrrole nanotubes as the carbon precursor. Polymer, 2009, 50, 2815-2818.	3.8	86
16	Physical properties of silk fibroin/cellulose blend films regenerated from the hydrophilic ionic liquid. Carbohydrate Polymers, 2011, 86, 462-468.	10.2	84
17	Visible light induced methylene blue dye degradation photo-catalyzed by WO3/graphene nanocomposites and the mechanism. Ceramics International, 2016, 42, 15235-15241.	4.8	84
18	Microwave-assisted deposition of silver nanoparticles on bamboo pulp fabric through dopamine functionalization. Applied Surface Science, 2016, 386, 151-159.	6.1	83

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19	Controlled growth of polypyrrole hydrogels. Soft Matter, 2013, 9, 2832.	2.7	82
20	Graphene nanoribbon coated flexible and conductive cotton fabric. Composites Science and Technology, 2015, 117, 208-214.	7.8	79
21	High Performance Cross-Linked Poly(2-acrylamido-2-methylpropanesulfonic acid)-Based Proton Exchange Membranes for Fuel Cells. Macromolecules, 2010, 43, 6398-6405.	4.8	78
22	Intermolecular interactions between natural polysaccharides and silk fibroin protein. Carbohydrate Polymers, 2013, 93, 561-573.	10.2	78
23	Preparation of superhydrophobic and UV blocking cotton fabric via solâ€“gel method and self-assembly. Applied Surface Science, 2012, 259, 110-117.	6.1	74
24	Quantifying Energy Harvested from Contactâ€Mode Hybrid Nanogenerators with Cascaded Piezoelectric and Triboelectric Units. Advanced Energy Materials, 2017, 7, 1601569.	19.5	69
25	Layerâ€structured poly(vinyl alcohol)/graphene oxide nanocomposites with improved thermal and mechanical properties. Journal of Applied Polymer Science, 2011, 120, 1355-1360.	2.6	67
26	Self-assembly of polypyrrole/chitosan composite hydrogels. Carbohydrate Polymers, 2013, 95, 72-76.	10.2	67
27	Synthesis of sandwich microstructured expanded graphite/barium ferrite connected with carbon nanotube composite and its electromagnetic wave absorbing properties. Journal of Alloys and Compounds, 2017, 712, 59-68.	5.5	62
28	A self-adapting hydrogel based on chitosan/oxidized konjac glucomannan/AgNPs for repairing irregular wounds. Biomaterials Science, 2020, 8, 1910-1922.	5.4	62
29	Nonvolatile memory devices based on electrical conductance tuning in poly(N-vinylcarbazole)â€“graphene composites. Organic Electronics, 2012, 13, 1289-1295.	2.6	61
30	Microstructures and electrical conductance of silver nanocrystalline thin films on flexible polymer substrates. Surface and Coatings Technology, 2010, 204, 1206-1210.	4.8	59
31	Infrared reflective properties of AZO/Ag/AZO trilayers prepared by RF magnetron sputtering. Ceramics International, 2014, 40, 12847-12853.	4.8	59
32	Preparation of durable hydrophobic cellulose fabric from water glass and mixed organosilanes. Applied Surface Science, 2010, 257, 1495-1499.	6.1	56
33	Impact of vinyl concentration of a silicone rubber on the properties of the graphene oxide filled silicone rubber composites. Composites Part B: Engineering, 2016, 84, 294-300.	12.0	56
34	Synthesis of polymeric ionic liquid microsphere/Pt nanoparticle hybrids for electrocatalytic oxidation of methanol and catalytic oxidation of benzyl alcohol. Journal of Polymer Science Part A, 2011, 49, 4531-4538.	2.3	55
35	The synthesis of graphene nanoribbon and its reinforcing effect on poly (vinyl alcohol). Composites Part A: Applied Science and Manufacturing, 2015, 68, 149-154.	7.6	55
36	Polymethylmethacrylate-carbon nanotubes composites prepared by microemulsion polymerization for gas sensor. Composites Science and Technology, 2009, 69, 1156-1159.	7.8	53

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37	Microwave-assisted synthesis of Mn3O4 nanoparticles@reduced graphene oxide nanocomposites for high performance supercapacitors. Materials Research Bulletin, 2015, 70, 945-950.	5.2	53
38	In situ synthesis of interlinked three-dimensional graphene foam/polyaniline nanorod supercapacitor. Electrochimica Acta, 2017, 230, 342-349.	5.2	53
39	Synthesis and electromagnetic wave absorption property of amorphous carbon nanotube networks on a 3D graphene aerogel/BaFe12O19 nanocomposite. Journal of Alloys and Compounds, 2017, 708, 115-122.	5.5	50
40	Graphene oxide incorporated alginate hydrogel beads for the removal of various organic dyes and bisphenol A in water. Colloid and Polymer Science, 2018, 296, 607-615.	2.1	49
41	Fabrication and characterization of free-standing polypyrrole/graphene oxide nanocomposite paper. Journal of Nanoparticle Research, 2012, 14, 1.	1.9	46
42	Assembly of polypyrrole nanotube@MnO2 composites with an improved electrochemical capacitance. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2015, 198, 51-56.	3.5	46
43	Improvement of carbon nanotubes dispersion by chitosan salt and its application in silicone rubber. Composites Science and Technology, 2013, 86, 129-134.	7.8	45
44	Biodegradable Microporous Starch with Assembled Thrombin for Rapid Induction of Hemostasis. ACS Sustainable Chemistry and Engineering, 2019, 7, 9121-9132.	6.7	45
45	Investigation on the electrical response behaviors of multiwalled carbon nanotube/polyurethane composite in organic solvent vapors. Sensors and Actuators B: Chemical, 2012, 166-167, 330-337.	7.8	43
46	Rapid and highly sensitive SERS detection of fungicide based on flexible â€œwash freeâ€•metallic textile. Applied Surface Science, 2020, 512, 144693.	6.1	43
47	Enhanced washing durability of hydrophobic coating on cellulose fabric using polycarboxylic acids. Applied Surface Science, 2011, 257, 4443-4448.	6.1	42
48	Effect of heat treatment on infrared reflection property of Al-doped ZnO films. Solar Energy Materials and Solar Cells, 2014, 127, 163-168.	6.2	42
49	Characterization of AZO and Ag based films prepared by RF magnetron sputtering. Journal of Alloys and Compounds, 2014, 616, 26-31.	5.5	41
50	In-situ growth amorphous carbon nanotube on silicon particles as lithium-ion battery anode materials. Journal of Alloys and Compounds, 2017, 708, 500-507.	5.5	41
51	Fabrication of conductive and flame-retardant bifunctional cotton fabric by polymerizing pyrrole and doping phytic acid. Polymer Degradation and Stability, 2019, 167, 277-282.	5.8	41
52	Flexible, Reusable SERS Substrate Derived from ZIF-67 by Adjusting LUMO and HOMO and Its Application in Identification of Bacteria. ACS Applied Materials & Interfaces, 2020, 12, 49452-49463.	8.0	41
53	Electromagnetic wave absorbing properties of aligned amorphous carbon nanotube/BaFe12O19 nanorod composite. Journal of Alloys and Compounds, 2017, 703, 424-430.	5.5	40
54	Removal of Reactive Dyes in Textile Effluents by Catalytic Ozonation Pursuing on-Site Effluent Recycling. Molecules, 2019, 24, 2755.	3.8	40

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55	Flexible and reusable cap-like thin Fe2O3 film for SERS applications. Nano Research, 2019, 12, 381-388.	10.4	39
56	Minimizing antibiotic dosage through in situ formation of gold nanoparticles across antibacterial wound dressings: A facile approach using silk fabric as the base substrate. Journal of Cleaner Production, 2020, 243, 118604.	9.3	38
57	Stress-memory polymeric filaments for advanced compression therapy. Journal of Materials Chemistry B, 2017, 5, 1905-1916.	5.8	37
58	Novel wound dressing with chitosan gold nanoparticles capped with a small molecule for effective treatment of multiantibiotic-resistant bacterial infections. Nanotechnology, 2018, 29, 425603.	2.6	36
59	Synthesis and characterization of poly(3-methyl thiophene) nanospheres in magnetic ionic liquid. Journal of Colloid and Interface Science, 2009, 333, 415-418.	9.4	34
60	Photo-thermal conversion and thermal insulation properties of ZrC coated polyester fabric. Fibers and Polymers, 2017, 18, 1938-1944.	2.1	34
61	Facile preparation of water dispersible polypyrrole nanotube-supported silver nanoparticles for hydrogen peroxide reduction and surface-enhanced Raman scattering. Electrochimica Acta, 2012, 75, 399-405.	5.2	33
62	Vapor phase polymerization of 3,4â€ethylenedioxythiophene on flexible substrate and its application on heat generation. Polymers for Advanced Technologies, 2011, 22, 1049-1055.	3.2	32
63	Fabrication of Ag and AZO/Ag/AZO ceramic films on cotton fabrics for solar control. Ceramics International, 2015, 41, 6312-6317.	4.8	32
64	Piezocatalytic Foam for Highly Efficient Degradation of Aqueous Organics. Small Science, 2021, 1, 2000011.	9.9	32
65	Water-repellency, ultraviolet protection and infrared emissivity properties of AZO film on polyester fabric. Ceramics International, 2017, 43, 2424-2430.	4.8	31
66	AgNps-PVAâ€“coated woven cotton fabric: Preparation, water repellency, shielding properties and antibacterial activity. Journal of Industrial Textiles, 2019, 48, 1545-1565.	2.4	31
67	Covalently functionalized graphene with <scp>d</scp>-glucose and its reinforcement to poly(vinyl) Tj ETQq1 1 0.784314 rgBT /Overlock	3.6	30
68	Fabrication of high infrared reflective ceramic films on polyester fabrics by RF magnetron sputtering. Ceramics International, 2015, 41, 1595-1601.	4.8	27
69	Magnetron sputtering deposition of Ag/Ag2O bilayer films for highly efficient color generation on fabrics. Ceramics International, 2020, 46, 13342-13349.	4.8	27
70	Crystallization behavior of poly(trimethylene terephthalate)-poly(ethylene glycol) segmented copolyesters/multi-walled carbon nanotube nanocomposites. Polymer Testing, 2010, 29, 1007-1013.	4.8	26
71	Fabrication of copper and titanium coated textiles for sunlight management. Journal of Materials Science: Materials in Electronics, 2017, 28, 9852-9858.	2.2	24
72	Surface characterization of sputter silver-coated polyester fiber. Fibers and Polymers, 2011, 12, 616-619.	2.1	23

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73	Fabrication of silk fibroin/poly(lactic-co-glycolic acid)/graphene oxide microfiber mat via electrospinning for protective fabric. Materials Science and Engineering C, 2020, 107, 110308.	7.3	23
74	Intermolecular interaction in aqueous solution of binary blends of poly(acrylamide) and poly(ethylene glycol). Journal of Applied Polymer Science, 2010, 118, 2572-2581.	2.6	22
75	Direct in situ synthesis of a 3D interlinked amorphous carbon nanotube/graphene/BaFe₁₂O₁₉ composite and its electromagnetic wave absorbing properties. RSC Advances, 2017, 7, 15903-15910.	3.6	22
76	Transparent conductive and infrared reflective AZO/Cu/AZO multilayer film prepared by RF magnetron sputtering. Journal of Materials Science: Materials in Electronics, 2014, 25, 5248-5254.	2.2	21
77	Fabrication of 3D Polypyrrole/Graphene Oxide Composite Hydrogels with High Performance Swelling Properties. Journal of Inorganic and Organometallic Polymers and Materials, 2014, 24, 884-889.	3.7	21
78	Enhanced electro-conductivity and multi-shielding performance with copper, stainless steel and titanium coating onto PVA impregnated cotton fabric. Journal of Materials Science: Materials in Electronics, 2018, 29, 5624-5633.	2.2	21
79	Flexible, stable and sensitive surface-enhanced Raman scattering of graphite/titanium-cotton substrate for conformal rapid food safety detection. Cellulose, 2020, 27, 941-954.	4.9	21
80	Highly Stretchable Conductive Polymer Composited with Carbon Nanotubes and Nanospheres. Advanced Materials Research, 2010, 123-125, 109-112.	0.3	20
81	Assembly of Polypyrrole-Graphene Oxide Hydrogel Nanocomposites and Their Swelling Properties. Journal of Macromolecular Science - Physics, 2015, 54, 1122-1131.	1.0	20
82	Facial synthesis of polypyrrole/silver nanocomposites at the water/ionic liquid interface and their electrochemical properties. Materials Letters, 2010, 64, 1918-1920.	2.6	19
83	Magnetic ionic liquid-assisted synthesis of polyaniline/AgCl nanocomposites by interface polymerization. Journal of Nanoparticle Research, 2011, 13, 415-421.	1.9	19
84	Fabrication of porous and amorphous TiO2 thin films on flexible textile substrates. Ceramics International, 2015, 41, 9177-9182.	4.8	18
85	Designing of advanced smart medical stocking using stress-memory polymeric filaments for pressure control and massaging. Materials Science and Engineering C, 2018, 91, 263-273.	7.3	18
86	Preparation and characterization of shielding textiles to prevent infrared penetration with Ag thin films. Journal of Materials Science: Materials in Electronics, 2017, 28, 3542-3547.	2.2	17
87	Coâ€“N-Codoped Carbon/Co@Carbon Cloth Hybrid Derived from ZIF-67 for the Oxygen Evolution Reaction and Supercapacitors. Energy & Fuels, 2020, 34, 13023-13031.	5.1	17
88	Oneâ€pot synthesis of polypyrrole/AgCl composite nanotubes and their antibacterial properties. Micro and Nano Letters, 2015, 10, 50-53.	1.3	16
89	Microwave-assisted coating of silver nanoparticles on bamboo rayon fabrics modified with poly(diallyldimethylammonium chloride). Cellulose, 2016, 23, 2677-2688.	4.9	16
90	Preparation and characterization of Fe2O3 coating on quartz fabric by electron beam evaporation. Ceramics International, 2016, 42, 19386-19392.	4.8	16

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91	The stability study of copper sputtered polyester fabrics in synthetic perspiration. Vacuum, 2019, 164, 205-211.	3.5	16
92	The influence of metal ions on the aggregation and hydrophobicity of dyes in solutions. Coloration Technology, 1999, 115, 228-232.	1.5	15
93	Stability of twoâ€phase polymerization of acrylamide in aqueous poly(ethylene glycol) solution. Journal of Applied Polymer Science, 2011, 122, 1121-1133.	2.6	15
94	IR protection property and color performance of TiO2/Cu/TiO2 coated polyester fabrics. Journal of Materials Science: Materials in Electronics, 2018, 29, 16188-16198.	2.2	15
95	Solar heat shielding performance of potassium titanate whisker coated polypropylene fabric based on a bionic method. Composites Part B: Engineering, 2019, 177, 107408.	12.0	14
96	Flexible and reusable SERS substrate for rapid conformal detection of residue on irregular surface. Cellulose, 2021, 28, 921-936.	4.9	14
97	Reducing silk fibrillation through MMA graft method. Fibers and Polymers, 2009, 10, 807-812.	2.1	13
98	Vaporâ€phase polymerization of pyrrole on flexible substrate at low temperature and its application in heat generation. Polymer International, 2010, 59, 204-211.	3.1	13
99	Memory effect in polymer brushes containing pendant carbazole groups. Polymer, 2011, 52, 1385-1390.	3.8	13
100	Fabrication of conducting polypyrrole/Î²-cyclodextrin nano- and micro-spheres using molecular templates. RSC Advances, 2012, 2, 4675.	3.6	13
101	Synthesis and Properties of Polypyrrole/Chitosan Composite Hydrogels. Journal of Macromolecular Science - Pure and Applied Chemistry, 2013, 50, 1225-1229.	2.2	13
102	Process control in dyeing of textiles. , 2013, , 300-338.		13
103	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.	2.2	13
104	Regulating wound moisture for accelerated healing: A strategy for the continuous drainage of wound exudates by mimicking plant transpiration. Chemical Engineering Journal, 2022, 429, 131964.	12.7	13
105	The potential of cuttlebone as reinforced filler of polyurethane. Composites Science and Technology, 2014, 93, 17-22.	7.8	12
106	Crystallization temperature investigation of Cu2ZnSnS4 by using Differential scanning calorimetry (DSC). Ceramics International, 2018, 44, 4256-4261.	4.8	12
107	A stable, ultrasensitive and flexible substrate integrated from 1D Ag/Î±-Fe2O3/SiO2 fibers for practical surface-enhanced Raman scattering detection. Composites Part B: Engineering, 2019, 177, 107376.	12.0	12
108	Flexible Ag SERS substrate for non-destructive and rapid detection of toxic materials on irregular surface. Surfaces and Interfaces, 2021, 23, 100995.	3.0	12

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109	Sensing behaviors of polymer/carbon nanotubes composites prepared in reversed microemulsion polymerization. Journal of Applied Polymer Science, 2011, 119, 1842-1847.	2.6	11
110	Infrared reflective property of AZO films prepared by RF magnetron sputtering. Materials Technology, 2014, 29, 321-325.	3.0	11
111	Fabrication of high infrared reflective AZO/Ag/AZO films on polyester fabrics. Journal of Materials Science: Materials in Electronics, 2015, 26, 1198-1204.	2.2	11
112	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.	4.5	11
113	Mimicking Saharan silver antâ€™s hair: A bionic solar heat shielding architextile with hexagonal ZnO microrods coating. Materials Letters, 2020, 261, 127013.	2.6	11
114	Effect of sodium-doping on the performance of CZTS absorb layer: Single and bifacial sodium-incorporation method. Solar Energy, 2021, 221, 476-482.	6.1	11
115	Alginic acid/graphene oxide hydrogel film coated functional cotton fabric for controlled release of matrine and oxymatrine. RSC Advances, 2016, 6, 76420-76425.	3.6	10
116	Fabrication and characterization of copper coated polyamide-6 fibers with magnetron sputtering technology. Journal of Materials Science: Materials in Electronics, 2017, 28, 18936-18943.	2.2	10
117	Effects of element ratio on robustness of CZTS films: Variations in sulfurization temperature. Ceramics International, 2020, 46, 25927-25934.	4.8	10
118	Ag@ZIF-67 decorated cotton fabric as flexible, stable and sensitive SERS substrate for label-free detection of phenol-soluble modulin. Cellulose, 2021, 28, 7389-7404.	4.9	10
119	Cooling performance of a bioinspired micro-crystal-bars coated composite fabric with solar reflectance. Composites Communications, 2021, 27, 100814.	6.3	10
120	Two-stage crystallization kinetics equation and nonisothermal crystallization analyses for PTEG and filled PTEG. Journal of Materials Science, 2011, 46, 4085-4091.	3.7	9
121	Conductive nanofibres and nanocoatings for smart textiles. , 2013, , 92-128.		9
122	Adhesion and durability of Cu film on polyester fabric prepared by finishing treatment with polyester-polyurethane and aqueous acrylate. Fibers and Polymers, 2016, 17, 1397-1402.	2.1	9
123	Constituent analysis of stress memory in semicrystalline polyurethane. Journal of Polymer Science, Part B: Polymer Physics, 2016, 54, 941-947.	2.1	9
124	Poly(acrylic acid)-silicon Hybrids Prepared via a RAFT-mediated Process and Covalent Immobilization of Glucose Oxidase. Journal of Macromolecular Science - Pure and Applied Chemistry, 2012, 49, 316-320.	2.2	8
125	Y2O3:Eu3+ luminescent thin film deposited on quartz fiber by electron beam evaporation technology. Journal of Materials Science: Materials in Electronics, 2015, 26, 4113-4118.	2.2	8
126	Influence of deposition temperature on luminescent efficiency of Y2O3:Eu3+ thin films deposited on quartz fabric by EBE. Ceramics International, 2016, 42, 8102-8107.	4.8	8

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127	Synthesis of silver nanoparticles on bamboo pulp fabric after plasma pretreatment. Journal of Materials Science: Materials in Electronics, 2016, 27, 5925-5933.	2.2	8
128	Preparation and electromagnetic wave absorbing properties of 3D graphene/pine needle-like iron nano-acicular whisker composites. RSC Advances, 2017, 7, 16196-16203.	3.6	8
129	Antibiotics-free wound dressing combating bacterial infections: A clean method using silkworm cocoon shell for preparation. Materials Chemistry and Physics, 2022, 277, 125484.	4.0	8
130	Waterâ€based amorphous carbon nanotubes filled polymer nanocomposites. Journal of Applied Polymer Science, 2011, 122, 1986-1992.	2.6	7
131	Surface modification of polythiophene and poly(3â€methyl thiophene) films by graft copolymerization. Journal of Applied Polymer Science, 2012, 123, 2582-2587.	2.6	7
132	Electrical and optical properties of polymerâ€Au nanocomposite films synthesized by magnetron cosputtering. Journal of Applied Polymer Science, 2012, 123, 2800-2804.	2.6	7
133	Synthesis of immobilized poly(vinyl alcohol)/cyclodextrin ecoâ€adsorbent and its application for the removal of ibuprofen from pharmaceutical sewage. Journal of Applied Polymer Science, 2017, 134, .	2.6	7
134	Fabrication of highly electrically conductive Ti/Ag/Ti tri-layer and Tiâ€“Ag alloy thin films on PET fabrics by multi-target magnetron sputtering. Journal of Materials Science: Materials in Electronics, 2018, 29, 19578-19587.	2.2	7
135	The Application of Atmospheric Plasma for Cotton Fabric Desizing. Fibers and Polymers, 2019, 20, 2334-2341.	2.1	7
136	Dual-Driven Hemostats Featured with Puncturing Erythrocytes for Severe Bleeding in Complex Wounds. Research, 2022, 2022, .	5.7	7
137	Conductivity switching and memory effect in polymer brushes with carbazole pendant moieties. Synthetic Metals, 2012, 162, 1059-1064.	3.9	6
138	Chestnut-like macro-acanthosphere triggered hemostasis: a featured mechanism based on puncturing red blood cells. Nanoscale, 2021, 13, 9843-9852.	5.6	6
139	Ag-coated cotton fabric as ultrasensitive and flexible SERS substrate. Journal of Industrial Textiles, 2022, 51, 712S-727S.	2.4	6
140	The potential of yeast as eco-filler for waterborne polyurethane and its reinforcing mechanism. European Polymer Journal, 2014, 60, 6-13.	5.4	5
141	A novel template-free wet chemical synthesis method for economical production of zinc oxide microrods under atmospheric pressure. Ceramics International, 2020, 46, 2002-2009.	4.8	5
142	Compositional, structural, morphological, and optical characterization of magnetron sputtered CZTS thin films from various argon flow rate. Physica B: Condensed Matter, 2021, 623, 413375.	2.7	5
143	Process control in printing of textiles. , 2013, , 339-362.		4
144	One-Step Assembly of Polypyrrole-Graphene Oxide Nanocomposite Sponges. Nanoscience and Nanotechnology Letters, 2014, 6, 1102-1106.	0.4	4

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145	Effect of annealing rate on microstructure and luminescence of Y2O3:Eu3+ deposited quartz fiber by electron beam evaporation. Journal of Materials Science: Materials in Electronics, 2015, 26, 6868-6874.	2.2	4
146	Development of waterâ€based polymeric dye and its application as a colorant for waterborne polyurethane. Journal of Applied Polymer Science, 2017, 134, .	2.6	4
147	Wet Functionalization of Carbon Nanotubes and Its Applications in Rubber Composites. , 2019, , 77-108.		4
148	Facial Synthesis of Polyaniline/AgCl Nanocomposites at the Interface of Water and Ionic Liquid. Journal of Nanoscience and Nanotechnology, 2011, 11, 1188-1192.	0.9	3
149	A novel rapid electropulsing treatment on AZO thin ceramic films. Ceramics International, 2015, 41, 8235-8240.	4.8	3
150	Wet Functionalization of Graphene and Its Applications in Rubber Composites. , 2019, , 285-322.		3
151	NiCo2S4 nanosheets and polypyrrole anchored porous micro-3D suede villus for flexible and waterproof energy storage. Electrochimica Acta, 2019, 321, 134650.	5.2	2
152	Development of Nanogenerators in Wearable Electronics. , 2015, , 411-431.		2
153	DYEING AND FINISHING. Journal of the Textile Institute Proceedings, 1961, 52, P674-P676.	0.1	0
154	Synergistically enhanced electric field in inhomogeneous nanocavities for the application of recyclable SERS sensing. Applied Materials Today, 2022, 26, 101251.	4.3	0