

# Chaoxia Wang

## List of Articles by Year in descending order

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106366

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citing authors

#	ARTICLE	IF	CITATIONS
1	MXene-based thermoelectric fabric integrated with temperature and strain sensing for health monitoring. <i>Journal of Materials Science and Technology</i> , 2025, 212, 272-280.	13.6	47
2	Enhancing efficiency and stability of inverted perovskite solar cells through synergistic suppression of multiple defects via poly(ionic liquid)-buried interface modification. <i>Journal of Materials Science and Technology</i> , 2025, 212, 281-288.	13.6	17
3	Effects of sub-solvus ageing on the tensile and creep properties of a new cast nickel-based superalloy. <i>Journal of Materials Science and Technology</i> , 2025, 212, 289-302.	13.6	15
4	Shape-stabilized flexible thermochromic films with one-sided adhesion via gradient crosslinking strategy for temperature indicating. <i>Journal of Colloid and Interface Science</i> , 2025, 677, 120-129.	9.9	9
5	Self-healable and mechanically robust supramolecular-covalent poly(oxime-urethane) elastomers with information encryption via hydrogen bonds and coordinate interactions. <i>Science China Chemistry</i> , 2025, 68, 1998-2009.	8.3	11
6	Regulating Zn deposition via an ion-sieving, nanoporous cellulose separator for high performance aqueous zinc-ion batteries. <i>International Journal of Biological Macromolecules</i> , 2025, 287, 138542.	8.1	7
7	Ultra-lightweight and reinforced ZnO/Cellulose layered cryogel for thermal insulation. <i>Cellulose</i> , 2025, 32, 1627-1644.	4.4	1
8	Thin and Robust Separator with Directed Zn <sup>2+</sup> Migration Channel for a Stable and Dendrites-Free Zn Anode. <i>ACS Sustainable Chemistry and Engineering</i> , 2025, 13, 881-889.	6.9	4
9	Highly sensitive, breathable, and superhydrophobic dome structure nonwoven-based flexible pressure sensor utilizing machine learning for handwriting recognition. <i>International Journal of Biological Macromolecules</i> , 2025, 300, 139838.	8.1	13
10	Spiny Co <sub>3</sub> O <sub>4</sub> @Hollow Carbon Spheres/Polyacrylonitrile/Carbon Black Fiber-Based Bifunctional Air Electrodes. <i>Langmuir</i> , 2025, 41, 2629-2638.	3.6	3
11	Integration of dynamic thermochromism and reversible moisture transport in hierarchically designed fabric for adaptive personal thermal management. <i>Chemical Engineering Journal</i> , 2025, 507, 160826.	12.0	12
12	Flexible microcolumn array-based silk fibroin for sweat glucose monitoring. <i>Analytica Chimica Acta</i> , 2025, 1349, 343857.	5.7	8
13	MWCNTs/PANI silk fibroin film sensor based on microneedle array for sweat pH detection. <i>Mikrochimica Acta</i> , 2025, 192, .	4.7	13
14	Integrated cooling and heating regulation in colored photonic crystal textiles with janus structures for highly efficient personal thermal management. <i>Composites Part B: Engineering</i> , 2025, 297, 112344.	12.8	16
15	Continuous scale preparation of stretchable and durable flexible MXene/MWCNTs@TPU coaxial fibers for human motion detection. <i>Sensors and Actuators A: Physical</i> , 2025, 388, 116310.	4.5	4
16	Tai Chi-Inspired Solar/Electro-Driven Multimode Cellulose Fabric Heater for All-Day Wearable Thermal Comfort. <i>ACS Applied Polymer Materials</i> , 2025, 7, 5820-5833.	4.6	3
17	Preparation of self-healing coatings based on pH-responsive microcapsules containing healing agents and corrosion inhibitors. <i>Surfaces and Interfaces</i> , 2025, 69, 106752.	3.2	4
18	Pathways to regulate reversible thermochromic property and controlled self-assembly of conjugated polymer. <i>Dyes and Pigments</i> , 2025, 242, 112943.	3.9	0

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19	Enhancement of mechanical and thermal properties of PLA electrospun films based on PEG-grafted cellulose nanocrystals. <i>Composites Communications</i> , 2025, 58, 102501.	6.8	5
20	Fabrication of photochromic spiropyran-based coatings for smart color-tunable textiles. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2025, 469, 116583.	4.3	2
21	Structural color film with humidity response based on cellulose nanocrystals from waste cotton. <i>International Journal of Biological Macromolecules</i> , 2025, 319, 145473.	8.1	3
22	Fabric-Based Strain Sensor with Multidirectional Sensing Capabilities for Motion Detection and Preventing Sports Injuries. <i>ACS Applied Electronic Materials</i> , 2025, 7, 7160-7169.	4.6	1
23	Solution-blending strategy for multifunctional PLA/PCL/TiO <sub>2</sub> composite films: Synergistic effects on mechanical reinforcement, ultraviolet shielding, and yellowing suppression. <i>Polymer</i> , 2025, 335, 128840.	4.1	0
24	A Multifunctional Fire Alarm Based on Phytic Acid-Doped Polyaniline Aramid Fabric for Firefighting Clothing. <i>ACS Applied Polymer Materials</i> , 2025, 7, 9568-9577.	4.6	1
25	Long-term antioxidant MXene@CGA/Ag NPs self-assembled fabric for low infrared emissivity, electromagnetic interference shielding, and dual-mode heating. <i>Applied Surface Science</i> , 2025, 712, 164201.	6.7	5
26	Azobenzene-based solar thermal elastic fiber with efficient energy storage for personal thermal management. <i>Solar Energy Materials and Solar Cells</i> , 2025, 293, 113886.	6.1	4
27	Dual mode switchable Janus Nano-ZnO/rGO cellulose fabric with radiative regulation and sweat transport for personal thermal management. <i>Chemical Engineering Journal</i> , 2025, 520, 165707.	12.0	5
28	Eco-friendly, durable fibrous membrane with Mie resonant mechanochromic structural color for optical response. <i>Sustainable Materials and Technologies</i> , 2025, 45, e01598.	3.7	0
29	Cellulose-based aerogel fibers with enhanced mechanical properties for thermal insulation and humidity response. <i>International Journal of Biological Macromolecules</i> , 2025, 323, 147053.	8.1	8
30	Ultrafast dual-responsive PNIPAM/TPU fiber actuators via wet spinning. <i>Journal of Materials Science</i> , 2025, 60, 15370-15385.	3.4	0
31	Preparation of Photochromic Microcapsules of Poly(methyl methacrylate)/Inorganic Metal Oxide Composite Shells with UV-Resistant Properties and Application to Printing on Cotton Fabrics. <i>Macromolecular Chemistry and Physics</i> , 2024, 225, .	2.4	2
32	Chitosan Oligosaccharide Based Waterborne Polyurethane with UV Resistance and Oxidation Resistance for Functional Fabric. <i>Macromolecular Chemistry and Physics</i> , 2024, 225, .	2.4	5
33	Photochromic performance optimization of polyurethane microcapsules by interfacial polymerization method. <i>Journal of Applied Polymer Science</i> , 2024, 141, .	2.7	8
34	The reversible thermochromic fabric for the double-stage temperature monitoring. <i>European Polymer Journal</i> , 2024, 206, 112769.	5.9	24
35	Preparation of thermoresponsive cotton fabric by grafting P(MEO2MA-co-OEGMA475-co-GMA) polymer for personal thermal management. <i>Cellulose</i> , 2024, 31, 4007-4023.	4.4	4
36	A superhydrophobic e-fabric based on polydopamine template-assisted MXene/MWNTs with strain sensing, EMI shielding and electrothermal performance for health management. <i>Journal of Alloys and Compounds</i> , 2024, 990, 174514.	6.0	21

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37	Core-Shell Bacterial Cellulose/Graphene Oxide@Polydopamine Aerogel Fibers for Personal Thermal Management Textiles. <i>Macromolecular Chemistry and Physics</i> , 2024, 225, .	2.4	8
38	Bioinspired, highly sensitive interlocked flexible textile pressure sensor based on multilayer SWCNTs/PVP/rGO dendritic for gesture recognition. <i>Composites Part B: Engineering</i> , 2024, 283, 111639.	12.8	17
39	Bioinspired Low-Angle-Dependent Photonic Crystal Elastomer for Highly Sensitive Visual Strain Sensor. <i>ACS Applied Materials &amp; Interfaces</i> , 2024, 16, 41300-41309.	8.0	16
40	Magnetic Self-Assembled Fe <sub>3</sub> O <sub>4</sub> Colloidal Nanocrystals in Structural Color Hydrogels for Environmental Humidity Monitoring. <i>ACS Applied Nano Materials</i> , 2024, 7, 21556-21564.	5.3	9
41	Two-way photoswitching norbornadiene derivatives for solar energy storage. <i>Chemical Science</i> , 2024, 15, 18179-18186.	7.1	15
42	Color tunable photo-thermochromic elastic fiber for flexible wearable heater. <i>Advanced Composites and Hybrid Materials</i> , 2024, 7, .	19.8	12
43	Dual-Mode cellulose acetate@Al <sub>2</sub> O <sub>3</sub> /MWCNTs Janus fabric with radiative cooling and solar heating for personal thermal management. <i>Chemical Engineering Journal</i> , 2024, 500, 156713.	12.0	25
44	Electrical-Triggered Multicolor Reversible Color-Changing Ag Nanoparticles/Reduced Graphene Oxide/Polyurethane Conductive Fibers. <i>Macromolecular Materials and Engineering</i> , 2023, 308, .	4.1	11
45	Room-temperature self-healing graphene/rubber-based supramolecular elastomers utilized by dynamic boroxines and hydrogen bonds for human motion detection. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2023, 657, 130411.	5.2	17
46	Mechanoluminescent Device: In Situ Renewable Carbazole Derivatives Sandwiched by Self-Healing Disulfide-Containing Polyurethane for Mechanical Signals Detection. <i>ACS Applied Materials &amp; Interfaces</i> , 2023, 15, 4623-4634.	8.0	16
47	A highly sensitive, superhydrophobic fabric strain sensor based on polydopamine template-assisted synergetic conductive network. <i>Applied Surface Science</i> , 2023, 617, 156535.	6.7	25
48	Efficient and Robust Molecular Solar Thermal Fabric for Personal Thermal Management. <i>Advanced Materials</i> , 2023, 35, .	24.5	72
49	Multifunctional Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXene/nanospheres/Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXene/thermoplastic polyurethane electrospinning membrane inspired by bean pod structure for EMI shielding and pressure sensing. <i>Sensors and Actuators A: Physical</i> , 2023, 353, 114226.	4.5	47
50	Light-colored solar-driven PANI/polyacrylonitrile fiber with low-temperature resistance for wearable heater. <i>Renewable Energy</i> , 2023, 206, 949-959.	9.0	8
51	High Solar Energy Absorption and Human Body Radiation Reflection Janus Textile for Personal Thermal Management. <i>Advanced Fiber Materials</i> , 2023, 5, 955-967.	19.0	51
52	Flexible MWCNT/Silk fibroin film decorated with Pt NPs for electrochemical glucose sensors. <i>Microchemical Journal</i> , 2023, 191, 108760.	4.7	20
53	Biomimetic thermally responsive photonic crystals film with highly robust by introducing thermochromic dyes. <i>Progress in Organic Coatings</i> , 2023, 183, 107681.	4.0	6
54	Healable, luminescent, notch-insensitive waterborne polyurethane via noncovalent crosslinking with hydrogen bonds and ionic interactions. <i>Chemical Engineering Journal</i> , 2023, 475, 146393.	12.0	56

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55	Thermal/UV Respond Polydiacetylene /Ni <sup>2+</sup> Thermal Paper with Reusability. <i>Advanced Sustainable Systems</i> , 2023, 7, .	5.8	6
56	Multicolor-tunable biomass thermochromic dyes utilizing tea polyphenols color developer for temperature-controlled linen fabric. <i>Industrial Crops and Products</i> , 2023, 204, 117254.	5.8	20
57	Superhydrophobic MXene-Based Fabric with Electromagnetic Interference Shielding and Thermal Management Ability for Flexible Sensors. <i>Advanced Fiber Materials</i> , 2023, 5, 2099-2113.	19.0	92
58	Thermal insulating property of an optically-active polyurethane-based silicon aerogel. <i>Thermal Science</i> , 2022, 26, 2805-2813.	0.9	1
59	Highly Durable and Stretchable Ti3C2Tx/PPy-Based Strain Sensor for Human Motion Detection. <i>Advanced Materials Technologies</i> , 2022, 7, .	5.8	17
60	Synthesis and application of aminosiloxane-modified cationic waterborne polyurethane as fixing agent for nylon fabric. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	2.7	11
61	pH-responsive discoloration silk fibroin films based on prodigiosin from microbial fermentation. <i>Dyes and Pigments</i> , 2022, 198, 109994.	3.9	24
62	High Sensitivity, Long Durability, and Wearable Pressure Sensor Based on the Polypyrrole/Reduced Graphene Oxide/(Fabric "Sponge" Fabric) for Human Motion Monitoring. <i>Macromolecular Materials and Engineering</i> , 2022, 307, .	4.1	13
63	Spatiotemporal differentiation and geographic detection mechanism of ecological security in Chongqing, China. <i>Global Ecology and Conservation</i> , 2022, 35, e02072.	1.7	19
64	High Sensitivity and Low Hysteresis GO <sub>1</sub> NH <sub>2</sub> /Mesoporous SiO <sub>2</sub> Nanosphere-Based Humidity Sensor for Respiratory Monitoring and Noncontact Sensing. <i>Advanced Materials Interfaces</i> , 2022, 9, .	4.0	30
65	Multifunctional Textile Electronic with Sensing, Energy Storing, and Electrothermal Heating Capabilities. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 22497-22509.	8.0	27
66	Highly sensitive and superhydrophobic fabric sensor based on AgNPs/Polypyrrole composite conductive networks for body movement monitoring. <i>Composites Science and Technology</i> , 2022, 227, 109561.	8.7	71
67	Novel Fluorescent Polyurethane Coating on Fabric with Acid-Base Indicating Function in Solution. <i>ChemistrySelect</i> , 2022, 7, .	1.7	2
68	Synthesis of branched waterborne polyurethane and its application in the preparation of liquid indigo dispersion. <i>Progress in Organic Coatings</i> , 2022, 171, 107021.	4.0	5
69	Stretchable and conductive cotton-based fabric for strain sensing, electrothermal heating, and energy storing. <i>Cellulose</i> , 2022, 29, 7989-8000.	4.4	12
70	Gradient Response Color-Changing Joule Heating Fabric for Visual Temperature Detection. <i>Advanced Materials Interfaces</i> , 2022, 9, .	4.0	17
71	Multifunctional Ti3C2Tx MXene/Poly(Styrene-Methacrylic Acid)@Polypyrrole Nanospheres/Thermoplastic Polyurethane Electrospinning Membrane for High Sensitivity Pressure Sensing and Pressure-Electrothermal. <i>Advanced Materials Interfaces</i> , 2022, 9, .	4.0	14
72	A new finding of reverse three-component thermochromic pigments using biomass-derived l-ascorbyl palmitate color developer. <i>Progress in Organic Coatings</i> , 2022, 173, 107159.	4.0	9

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73	High-performance pressure/strain sensors featuring a conductive network constructed from c-MWCNTs and nanospheres for human activity monitoring. <i>Journal of Materials Chemistry C</i> , 2022, 10, 11755-11766.	5.1	14
74	Optically Controlled Thermochromic Switching for Multi-Input Molecular Logic. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	14.4	19
75	Optically Controlled Thermochromic Switching for Multi-Input Molecular Logic. <i>Angewandte Chemie</i> , 2022, 134, .	1.4	2
76	Chiral Nematic Solvent-Responsive Actuator Based on a Cellulose Nanocrystal Template. <i>ACS Applied Polymer Materials</i> , 2022, 4, 8952-8961.	4.6	2
77	Thermoplastic Polyurethane Based on the 3d Printing Fashion Clothing-Conceptual Model of The Fashion Industry. <i>Fibres and Textiles in Eastern Europe</i> , 2022, 30, 1-11.	0.7	4
78	Synthesis of polymeric dyes based on self-colored network of castor oil-based waterborne polyurethane. <i>Journal of Applied Polymer Science</i> , 2021, 138, .	2.7	15
79	A hydrophobic conductive strip with outstanding one-dimensional stretchability for wearable heater and strain sensor. <i>Chemical Engineering Journal</i> , 2021, 404, 126393.	12.0	68
80	Center and multi-points current collecting for improving capacitances of rectangular polypyrrole/knitted cotton fabric-based supercapacitor. <i>Journal of Power Sources</i> , 2021, 481, 228824.	7.9	12
81	Facile fabrication of highly conductive poly (styrene-co-methacrylic acid)/ poly(aniline) microspheres based on surface carboxylation modification. <i>Journal of Applied Polymer Science</i> , 2021, 138, .	2.7	6
82	Dyeing properties of meta-aramid fabric dyed with basic dye using ultrasonic-microwave irradiation. <i>Journal of Cleaner Production</i> , 2021, 285, 124844.	9.5	37
83	Highly fatigue-resistant photochromism of wool surface printed with spiropyran/chitosan microcapsules. <i>Progress in Organic Coatings</i> , 2021, 151, 106080.	4.0	20
84	Realization of reversible thermochromic polydiacetylene through silica nanoparticle surface modification. <i>Journal of Applied Polymer Science</i> , 2021, 138, .	2.7	8
85	Solar-driven thermochromic fabric based on photothermal conversion for light intensity monitoring. <i>Journal of Materials Chemistry A</i> , 2021, 9, 20565-20575.	9.3	24
86	A low-cost piezoresistive pressure sensor with a wide strain range “ featuring polyurethane sponge@poly(vinyl alcohol)/sulfuric gel electrolyte. <i>Journal of Materials Chemistry C</i> , 2021, 9, 1014-1024.	5.1	57
87	Low-Cost, Highly Sensitive, and Flexible Piezoresistive Pressure Sensor Characterized by Low-Temperature Interfacial Polymerization of Polypyrrole on Latex Sponge. <i>Macromolecular Materials and Engineering</i> , 2021, 306, .	4.1	37
88	Rapid synthesis of strawberry microcapsules via Pickering emulsion photopolymerization for use in multifunctional fabric coatings. <i>Progress in Organic Coatings</i> , 2021, 152, 106110.	4.0	8
89	High-performance textile piezoelectric pressure sensor with novel structural hierarchy based on ZnO nanorods array for wearable application. <i>Nano Research</i> , 2021, 14, 3969-3976.	8.6	121
90	Synthesis of reactive self-adhesive branched polyurethane dispersant for textile pigment printing. <i>Journal of Applied Polymer Science</i> , 2021, 138, .	2.7	22

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91	Optically Active Polyurethane/Silica Aerogel Coated Cotton Fabrics for Thermal Protection. <i>Frontiers in Materials</i> , 2021, 8, .	2.4	11
92	Sunlight-Responsive Photothermochromic Fabric with Reversible Color Changing Based on Photothermal Conversion. <i>Solar Rrl</i> , 2021, 5, .	4.6	16
93	Self-Healing Titanium Dioxide Nanocapsules-Graphene/Multi-Branched Polyurethane Hybrid Flexible Film with Multifunctional Properties toward Wearable Electronics. <i>Advanced Functional Materials</i> , 2021, 31, .	17.0	86
94	Preparation and Characterization of Optically Active Polyurethane from Rotatory Binaphthol Monomer and Polyurethane Prepolymer. <i>Molecules</i> , 2021, 26, 2986.	4.2	6
95	Graphene oxide-coated amino-modified polyacrylonitrile to fabricate highly conductive fabrics. <i>Textile Reseach Journal</i> , 2021, 91, 2969-2979.	1.7	3
96	High concentration acid-induced discoloration polymeric dyes fabricated with UV-curable azobenzene-lignin-based waterborne polyurethane. <i>International Journal of Biological Macromolecules</i> , 2021, 182, 1953-1965.	8.1	20
97	A High-Performance Flexible Piezoresistive Pressure Sensor Features an Integrated Design of Conductive Fabric Electrode and Polyurethane Sponge. <i>Macromolecular Materials and Engineering</i> , 2021, 306, .	4.1	34
98	Feasible fabrication and textile application of polymer composites featuring dual optical thermoresponses. <i>Chemical Engineering Journal</i> , 2021, 419, 129553.	12.0	17
99	UV-resistant transparent lignin-based polyurethane elastomer with repeatable processing performance. <i>European Polymer Journal</i> , 2021, 159, 110763.	5.9	50
100	Wearable solar energy management based on visible solar thermal energy storage for full solar spectrum utilization. <i>Energy Storage Materials</i> , 2021, 42, 636-644.	18.1	74
101	High humidity-sensitive discoloration materials fabricated with pH indicator ingredients. <i>Dyes and Pigments</i> , 2021, 195, 109740.	3.9	24
102	A high-performance piezoresistive sensor based on poly (styrene-co-methacrylic acid)@polypyrrole microspheres/graphene-decorated TPU electrospun membrane for human motion detection. <i>Chemical Engineering Journal</i> , 2021, 426, 131152.	12.0	66
103	A Soft Wearable and Fully-Textile Piezoresistive Sensor for Plantar Pressure Capturing. <i>Micromachines</i> , 2021, 12, 110.	2.6	46
104	Microwave thermally expanded graphene/polyaniline conductive paste for elaborate conductive pattern and conductive polyester fabric fabrication via screen printing. <i>Journal of Coatings Technology Research</i> , 2021, 19, 477-485.	2.3	9
105	Fabrication of Dual Self-Healing Multifunctional Coating Based on Multicompartment Microcapsules. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 59298-59309.	8.0	68
106	A versatile and recycled pigment foam coloring approach for natural and synthetic fibers with nearly-zero pollutant discharge. <i>Journal of Cleaner Production</i> , 2020, 243, 118504.	9.5	23
107	A novel functional disperse dye doped with graphene oxide for improving antistatic properties of polyester fabric using one-bath dyeing method. <i>Textile Reseach Journal</i> , 2020, 90, 655-665.	1.7	11
108	High-Performance Thermoresponsive Dual-Output Dye System for Smart Textile Application. <i>Advanced Functional Materials</i> , 2020, 30, .	17.0	50

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109	Revealing mitogenome-wide DNA methylation and RNA editing of three Ascomycotina fungi using SMRT sequencing. <i>Mitochondrion</i> , 2020, 51, 88-96.	4.0	4
110	Reversibly Superwetable Polyester Fabric Based on pH-Responsive Branched Polymer Nanoparticles. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 2899-2907.	3.8	11
111	Multifunctional fabric coatings with slow-releasing fragrance and UV resistant properties from ethyl cellulose/silica hybrid microcapsules. <i>Carbohydrate Polymers</i> , 2020, 232, 115821.	12.2	58
112	A novel crease-resistant and hydrophobic dual-function foam coating for silk fabric by the one-step method. <i>Textile Research Journal</i> , 2020, 90, 1495-1506.	1.7	9
113	A graphene-based electro-thermochromic textile display. <i>Journal of Materials Chemistry C</i> , 2020, 8, 15788-15794.	5.1	32
114	A Visible Energy Management by Photochromic Solar Thermal Fuel Using a Color Display. <i>Solar Rrl</i> , 2020, 4, .	4.6	25
115	Insight into relation between optically-switched foam stability and isomerization kinetic from azobenzene-based sulfate surfactant. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 606, 125426.	5.2	6
116	Thermochromic behaviors of terminated waterborne thermochromic polyurethane with tailored molecular weight. <i>Progress in Organic Coatings</i> , 2020, 145, 105164.	4.0	10
117	Dynamic Assemblies of Molecular Motor Amphiphiles Control Macroscopic Foam Properties. <i>Journal of the American Chemical Society</i> , 2020, 142, 10163-10172.	15.0	45
118	Novel colored polyurethane nanoparticle for recyclable dyeing polyester fabric. <i>Journal of Cleaner Production</i> , 2020, 265, 121601.	9.5	21
119	Durable and tunable temperature responsive silk fabricated with reactive thermochromic pigments. <i>Progress in Organic Coatings</i> , 2020, 147, 105697.	4.0	15
120	A flexible and stretchable polypyrrole/knitted cotton for electrothermal heater. <i>Organic Electronics</i> , 2020, 85, 105819.	2.6	38
121	The Electrical-Triggered High Contrast and Reversible Color-Changing Janus Fabric Based on Double Side Coating. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 21854-21862.	8.0	38
122	Constructing $\beta$ -FeOOH scaffold for enhancing conductance and capacitances of coaxial polypyrrole/nylon fibers. <i>Electrochimica Acta</i> , 2020, 349, 136407.	5.3	10
123	One-bath one-step low-temperature dyeing of polyester/cotton blended fabric with cationic dyes via $\beta$ -cyclodextrin modification. <i>Textile Research Journal</i> , 2019, 89, 1699-1711.	1.7	25
124	Facile fabrication of photoinduced superhydrophobic and superhydrophilic surfaces on cellulose substrate without strength loss. <i>Textile Research Journal</i> , 2019, 89, 1807-1822.	1.7	0
125	Graphene oxide/waterborne polyurethane composites for fine pattern fabrication and ultrastrong ultraviolet protection cotton fabric via screen printing. <i>Applied Surface Science</i> , 2019, 463, 403-411.	6.7	45
126	Facile fabrication of durable superhydrophobic and oleophobic surface on cellulose substrate via thiol-ene click modification. <i>Applied Surface Science</i> , 2019, 493, 1004-1012.	6.7	41

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127	Raspberry-Shaped Thermochromic Energy Storage Nanocapsule with Tunable Sunlight Absorption Based on Color Change for Temperature Regulation. <i>Small</i> , 2019, 15, .	11.5	27
128	Thermochromic performance of a new temperature sensitive pigment based on rhodamine derivative in both liquid and solid systems. <i>Progress in Organic Coatings</i> , 2019, 137, 105280.	4.0	15
129	Super stretchable chromatic polyurethane driven by anthraquinone chromogen as a chain extender. <i>RSC Advances</i> , 2019, 9, 2332-2342.	4.4	14
130	Fabrication of electrically conductive and improved UV-resistant aramid fabric via bio-inspired polydopamine and graphene oxide coating. <i>Journal of the Textile Institute</i> , 2019, 110, 1484-1492.	1.8	18
131	Temperature induced color changing cotton fabricated via grafting epoxy modified thermochromic capsules. <i>Cellulose</i> , 2019, 26, 5745-5756.	4.4	31
132	Wearable solid-state capacitors based on two-dimensional material all-textile heterostructures. <i>Nanoscale</i> , 2019, 11, 9912-9919.	5.0	45
133	Thermochromic behavior analysis of terminated polyurethane functionalized with rhodamine B derivative. <i>Progress in Organic Coatings</i> , 2019, 131, 111-118.	4.0	29
134	Photoresponsive aqueous foams with controllable stability from nonionic azobenzene surfactants in multiple-component systems. <i>Soft Matter</i> , 2019, 15, 8313-8319.	2.6	17
135	A stretchable and hydrophobic polypyrrole/knitted cotton fabric electrode for all-solid-state supercapacitor with excellent strain capacitance. <i>Electrochimica Acta</i> , 2019, 297, 794-804.	5.3	34
136	A sultone-based reversible dark red-yellow conversion thermochromic colorant with adjustable switching temperature. <i>Coloration Technology</i> , 2019, 135, 97-102.	2.6	6
137	Smart UV-curable fabric coatings with self-healing ability for durable self-cleaning and intelligent oil/water separation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 565, 86-96.	5.2	37
138	Photo-responsive foam control base on nonionic azobenzene surfactant as stabilizer. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 560, 366-375.	5.2	23
139	A facile restructuring of 3D high water absorption aerogels from methoxy polyethylene glycol-polycaprolactone (mPEG-PCL) nanofibers. <i>Materials Science and Engineering C</i> , 2019, 94, 965-975.	5.8	26
140	Dual-responsive cellulose fabric based on reversible acidichromic and photoisomeric polymeric dye containing pendant azobenzene. <i>Sensors and Actuators B: Chemical</i> , 2018, 266, 195-203.	7.6	45
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