

Smart Electronic Textiles

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Direct spinning of fiber supercapacitor. <i>Nanoscale</i> , 2016, 8, 12113-12117.	2.8	55
2	Coiled Fiber-Shaped Stretchable Thermal Sensors for Wearable Electronics. <i>Advanced Materials Technologies</i> , 2016, 1, 1600170.	3.0	48
3	Machine-Washable Textile Triboelectric Nanogenerators for Effective Human Respiratory Monitoring through Loom Weaving of Metallic Yarns. <i>Advanced Materials</i> , 2016, 28, 10267-10274.	11.1	328
4	Tailorable and Wearable Textile Devices for Solar Energy Harvesting and Simultaneous Storage. <i>ACS Nano</i> , 2016, 10, 9201-9207.	7.3	213
5	Smart color-changing textile with high contrast based on a single-sided conductive fabric. <i>Journal of Materials Chemistry C</i> , 2016, 4, 7589-7594.	2.7	66
6	Micro-cable structured textile for simultaneously harvesting solar and mechanical energy. <i>Nature Energy</i> , 2016, 1, .	19.8	879
7	Ultrathin and large-sized vanadium oxide nanosheets mildly prepared at room temperature for high performance fiber-based supercapacitors. <i>Journal of Materials Chemistry A</i> , 2017, 5, 2483-2487.	5.2	66
8	A highly torsionable fiber-shaped supercapacitor. <i>Journal of Materials Chemistry A</i> , 2017, 5, 4397-4403.	5.2	25
9	Solution-processed Au@Ag core-shell nanoparticle-decorated yarns for human motion monitoring. <i>RSC Advances</i> , 2017, 7, 10539-10544.	1.7	9
10	Molecular weaving via surface-templated epitaxy of crystalline coordination networks.. <i>Nature Communications</i> , 2017, 8, 14442.	5.8	70
11	Ambipolar azomethines as potential cathodic color switching materials. <i>New Journal of Chemistry</i> , 2017, 41, 2287-2295.	1.4	8
12	Machine-Washable PEDOT:PSS Dyed Silk Yarns for Electronic Textiles. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 9045-9050.	4.0	183
13	Green chemistry and polymers made from sulfur. <i>Green Chemistry</i> , 2017, 19, 2748-2761.	4.6	290
14	Recent Advances in Dual-Functional Devices Integrating Solar Cells and Supercapacitors. <i>Solar Rrl</i> , 2017, 1, 1700002.	3.1	83
15	From natural cotton thread to sewable energy dense supercapacitors. <i>Nanoscale</i> , 2017, 9, 6406-6416.	2.8	19
16	Semiconducting Nanowire-Based Optoelectronic Fibers. <i>Advanced Materials</i> , 2017, 29, 1700681.	11.1	116
17	Flexible fiber-shaped supercapacitors: Design, fabrication, and multi-functionalities. <i>Energy Storage Materials</i> , 2017, 8, 85-109.	9.5	108
18	Cellulose Nanofibril-Based Coatings of Woven Cotton Fabrics for Improved Inkjet Printing with a Potential in E-Textile Manufacturing. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 4793-4801.	3.2	73

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19	A crystalline zinc(<i>znc</i>) complex showing hollow hexagonal tubular morphology evolution, selective dye absorption and unique response to UV irradiation. <i>Chemical Communications</i> , 2017, 53, 5515-5518.	2.2	25
20	Application of carbon fibers to flexible, miniaturized wire/fiber-shaped energy conversion and storage devices. <i>Journal of Materials Chemistry A</i> , 2017, 5, 2444-2459.	5.2	67
21	An intercalated graphene/(molybdenum disulfide) hybrid fiber for capacitive energy storage. <i>Journal of Materials Chemistry A</i> , 2017, 5, 925-930.	5.2	78
22	Flexible and wearable strain sensing fabrics. <i>Chemical Engineering Journal</i> , 2017, 325, 396-403.	6.6	177
23	A low-cost wearable yarn supercapacitor constructed by a highly bended polyester fiber electrode and flexible film. <i>Journal of Materials Chemistry A</i> , 2017, 5, 15144-15153.	5.2	37
24	Three-Dimensionally Conformal Porous Microstructured Fabrics via Breath Figures: A Nature-Inspired Approach for Novel Surface Modification of Textiles. <i>Scientific Reports</i> , 2017, 7, 2354.	1.6	13
25	Multi-material optoelectronic fiber devices. <i>Proceedings of SPIE</i> , 2017, , .	0.8	2
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27	RF sputtered electrochromic wool textile in different liquid media. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 8725-8732.	1.1	11
28	Low-cost nanocarbon electrodes on arbitrary fibrous substrates as efficient bifacial photovoltaic wires. <i>RSC Advances</i> , 2017, 7, 9653-9661.	1.7	4
29	Detection of non-joint areas tiny strain and anti-interference voice recognition by micro-cracked metal thin film. <i>Nano Energy</i> , 2017, 34, 578-585.	8.2	128
30	Design of Amorphous Manganese Oxide@Multiwalled Carbon Nanotube Fiber for Robust Solid-State Supercapacitor. <i>ACS Nano</i> , 2017, 11, 444-452.	7.3	216
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33	Three-Dimensional Flexible All-Organic Conductors for Multifunctional Wearable Applications. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 40580-40592.	4.0	15
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40	Facile fabrication of flexible core-shell graphene/conducting polymer microfibers for fibriform supercapacitors. RSC Advances, 2017, 7, 38187-38192.	1.7	25
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54	3D Orthogonal Woven Triboelectric Nanogenerator for Effective Biomechanical Energy Harvesting and as Self-Powered Active Motion Sensors. Advanced Materials, 2017, 29, 1702648.	11.1	321

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56	Core-Shell-Yarn-Based Triboelectric Nanogenerator Textiles as Power Cloths. <i>ACS Nano</i> , 2017, 11, 12764-12771.	7.3	203
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127	Recent Progress in Wearable Fully Textile Chemical Sensors. <i>Advanced Materials Technologies</i> , 2018, 3, 1700310.	3.0	59
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