

Smart textiles for personalized healthcare

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Piezoelectric nanogenerators for personalized healthcare. Chemical Society Reviews, 2022, 51, 3380-3435.	18.7	145
2	Giant Magnetoelastic Effect Enabled Stretchable Sensor for Self-Powered Biomonitoring. ACS Nano, 2022, 16, 6013-6022.	7.3	59
3	Self-powered environmental monitoring via a triboelectric nanogenerator. Nano Energy, 2022, 98, 107282.	8.2	56
4	Bioinspired acoustic textiles with nanoscale vibrations for wearable biomonitoring. Matter, 2022, 5, 1342-1345.	5.0	29
5	Porous Pyroelectric Ceramic with Carbon Nanotubes for High-Performance Thermal to Electrical Energy Conversion. SSRN Electronic Journal, 0, , .	0.4	0
6	Design Thinking Applied to Home Textiles Innovation: A Case Study in an Elderly Centre in Hong Kong. Designs, 2022, 6, 49.	1.3	1
7	Inhalation-Driven Vertical Flutter Triboelectric Nanogenerator with Amplified Output as a Gas-Mask-Integrated Self-Powered Multifunctional System. Advanced Energy Materials, 2022, 12, .	10.2	9
8	Design and characterization of a cotton fabric antenna for on-body thermotherapy. Journal of Industrial Textiles, 0, , 152808372211071.	1.1	2
9	Deep Learning Assisted Body Area Triboelectric Hydrogel Sensor Network for Infant Care. Advanced Functional Materials, 2022, 32, .	7.8	51
10	Advances in the Robustness of Wearable Electronic Textiles: Strategies, Stability, Washability and Perspective. Nanomaterials, 2022, 12, 2039.	1.9	18
11	Kirigami-Inspired Pressure Sensors for Wearable Dynamic Cardiovascular Monitoring. Advanced Materials, 2022, 34, .	11.1	63
12	Industrial Fabrication of 3D Braided Stretchable Hierarchical Interlocked Fancy-Yarn Triboelectric Nanogenerator for Self-Powered Smart Fitness System. Advanced Energy Materials, 2022, 12, .	10.2	31
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17	Self-Powered All-Optical Tactile Sensing Platform for User-Interactive Interface. Advanced Materials Technologies, 2023, 8, .	3.0	12
18	Surface engineering of a triboelectric nanogenerator for room temperature high-performance self-powered formaldehyde sensors. Journal of Materials Chemistry A, 2022, 10, 22373-22389.	5.2	14

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19	A dual cooling composite film by subtly combining phase change materials and thermally conductive fillers for efficient thermal management. <i>Journal of Materials Science</i> , 2022, 57, 14464-14477.	1.7	3
20	Mechanoreceptor Inspired Electronic Skin for Multi-Modal Tactile Information Decoding. <i>Advanced Materials Technologies</i> , 2023, 8, .	3.0	5
21	Self-powered sensing technologies for human Metaverse interfacing. <i>Joule</i> , 2022, 6, 1381-1389.	11.7	62
22	A flexible and highly sensitive organic electrochemical transistor-based biosensor for continuous and wireless nitric oxide detection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	23
23	Highly efficient liquid droplet manipulation via human-motion-induced direct charge injection. <i>Materials Today</i> , 2022, 58, 41-47.	8.3	15
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33	Flexible and weavable 3D porous graphene/PPy/lignocellulose-based versatile fibrous wearables for thermal management and strain sensing. <i>Chemical Engineering Journal</i> , 2023, 452, 139338.	6.6	19
34	Arrayed Heterostructures of MoS ₂ Nanosheets Anchored TiN Nanowires as Efficient Pseudocapacitive Anodes for Fiber-Shaped Ammonium-Ion Asymmetric Supercapacitors. <i>ACS Nano</i> , 2022, 16, 14951-14962.	7.3	33
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53	Advances in Bioinspired Triboelectric Nanogenerators. <i>Advanced Electronic Materials</i> , 2022, 8, .	2.6	18
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