

Machine-knitted washable sensor array textile for precipitation monitoring

Science Advances

6, eaay2840

DOI: [10.1126/sciadv.aay2840](https://doi.org/10.1126/sciadv.aay2840)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Progress in TENG technology—A journey from energy harvesting to nanoenergy and nanosystem. EcoMat, 2020, 2, e12058.	6.8	194
2	A passive wireless triboelectric sensor via a surface acoustic wave resonator (SAWR). Nano Energy, 2020, 78, 105307.	8.2	20
3	Recent progress of triboelectric nanogenerators: From fundamental theory to practical applications. EcoMat, 2020, 2, e12059.	6.8	212
4	Silver Nanowire—Bacterial Cellulose Composite Fiber-Based Sensor for Highly Sensitive Detection of Pressure and Proximity. ACS Nano, 2020, 14, 15428-15439.	7.3	130
5	The Importance of Respiratory Rate Monitoring: From Healthcare to Sport and Exercise. Sensors, 2020, 20, 6396.	2.1	168
6	Recent Progress in Flexible Wearable Sensors for Vital Sign Monitoring. Sensors, 2020, 20, 4009.	2.1	61
7	Towards Truly Wearable Systems: Optimizing and Scaling Up Wearable Triboelectric Nanogenerators. IScience, 2020, 23, 101360.	1.9	65
8	Blood Pressure Sensors: Materials, Fabrication Methods, Performance Evaluations and Future Perspectives. Sensors, 2020, 20, 4484.	2.1	27
9	Transforming the Adaptation Physiology of Farm Animals through Sensors. Animals, 2020, 10, 1512.	1.0	39
10	A Machine—Fabricated 3D Honeycomb—Structured Flame—Retardant Triboelectric Fabric for Fire Escape and Rescue. Advanced Materials, 2020, 32, e2003897.	11.1	136
11	Wearable Biosensors for Body Computing. Advanced Functional Materials, 2021, 31, 2008087.	7.8	56
12	Application and technologies for textile sensors production used in pressure distribution measurement - a critical review. E3S Web of Conferences, 2020, 207, 03001.	0.2	2
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14	Electrical Characterization of a Double-Layered Conductive Pattern with Different Crack Configurations for Durable E-Textiles. Micromachines, 2020, 11, 977.	1.4	3
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16	3D Dielectric Layer Enabled Highly Sensitive Capacitive Pressure Sensors for Wearable Electronics. ACS Applied Materials & Interfaces, 2020, 12, 32023-32030.	4.0	85
17	A multifunctional wearable E-textile <i>via</i> integrated nanowire-coated fabrics. Journal of Materials Chemistry C, 2020, 8, 8399-8409.	2.7	64
18	Wearable and Biodegradable Sensors for Human Health Monitoring. ACS Applied Bio Materials, 2021, 4, 122-139.	2.3	52

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20	Flexible hierarchical helical yarn with broad strain range for self-powered motion signal monitoring and human-machine interactive. <i>Nano Energy</i> , 2021, 80, 105446.	8.2	25
21	Advances in triboelectric nanogenerators for biomedical sensing. <i>Biosensors and Bioelectronics</i> , 2021, 171, 112714.	5.3	159
22	Triboelectric nanogenerators for human-health care. <i>Science Bulletin</i> , 2021, 66, 490-511.	4.3	93
23	Textile Technology for Soft Robotic and Autonomous Garments. <i>Advanced Functional Materials</i> , 2021, 31, 2008278.	7.8	127
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36	Textile-Based Flexible Pressure Sensors: A Review. <i>Polymer Reviews</i> , 2022, 62, 65-94.	5.3	74

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#	ARTICLE	IF	CITATIONS
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