

Wearable, Healable, and Adhesive Epidermal Sensors As Conductive Hybrid Hydrogel Framework

Advanced Functional Materials

27, 1703852

DOI: [10.1002/adfm.201703852](https://doi.org/10.1002/adfm.201703852)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Mechanochemical Regulated Origami with Tough Hydrogels by Ion Transfer Printing. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 9077-9084.	4.0	51
2	Materials and Wearable Devices for Autonomous Monitoring of Physiological Markers. <i>Advanced Materials</i> , 2018, 30, e1705024.	11.1	145
3	Site-Specific Surface Functionalization via Microchannel Cantilever Spotting (μ CS): Comparison between Azide-Alkyne and Thiol-Alkyne Click Chemistry Reactions. <i>Small</i> , 2018, 14, e1800131.	5.2	29
4	Mussel-Inspired Cellulose Nanocomposite Tough Hydrogels with Synergistic Self-Healing, Adhesive, and Strain-Sensitive Properties. <i>Chemistry of Materials</i> , 2018, 30, 3110-3121.	3.2	627
5	A tough, stretchable, and extensively sticky hydrogel driven by milk protein. <i>Polymer Chemistry</i> , 2018, 9, 2617-2624.	1.9	76
6	Tough and Conductive Hybrid Hydrogels Enabling Facile Patterning. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 13685-13692.	4.0	82
7	Recyclable, stretchable and conductive double network hydrogels towards flexible strain sensors. <i>Journal of Materials Chemistry C</i> , 2018, 6, 13316-13324.	2.7	87
8	Tough and tissue-adhesive polyacrylamide/collagen hydrogel with dopamine-grafted oxidized sodium alginate as crosslinker for cutaneous wound healing. <i>RSC Advances</i> , 2018, 8, 42123-42132.	1.7	69
9	Superhydrophobic and superelastic conductive rubber composite for wearable strain sensors with ultrahigh sensitivity and excellent anti-corrosion property. <i>Journal of Materials Chemistry A</i> , 2018, 6, 24523-24533.	5.2	89
10	Gate-Free Hydrogel-Graphene Transistors as Underwater Microphones. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 42573-42582.	4.0	21
11	Conductive and Tough Hydrogels Based on Biopolymer Molecular Templates for Controlling in Situ Formation of Polypyrrole Nanorods. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 36218-36228.	4.0	181
12	Highly stretchable and fatigue resistant hydrogels with low Young's modulus as transparent and flexible strain sensors. <i>Journal of Materials Chemistry C</i> , 2018, 6, 11193-11201.	2.7	70
13	Ultrastretchable Strain Sensors and Arrays with High Sensitivity and Linearity Based on Super Tough Conductive Hydrogels. <i>Chemistry of Materials</i> , 2018, 30, 8062-8069.	3.2	318
14	Reducing Structural Defects and Oxygen-Containing Functional Groups in GO-Hybridized CNTs Aerogels: Simultaneously Improve the Electrical and Mechanical Properties To Enhance Pressure Sensitivity. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 39009-39017.	4.0	46
15	Rational Design of Self-Healing Tough Hydrogels: A Mini Review. <i>Frontiers in Chemistry</i> , 2018, 6, 497.	1.8	99
16	A Flexible Wearable Pressure Sensor with Bioinspired Microcrack and Interlocking for Full-Range Human-Machine Interfacing. <i>Small</i> , 2018, 14, e1803018.	5.2	156
17	Rapid room-temperature self-healing conductive nanocomposites based on naturally dried graphene aerogels. <i>Journal of Materials Chemistry C</i> , 2018, 6, 10184-10191.	2.7	11
18	Ultratough, Self-Healing, and Tissue-Adhesive Hydrogel for Wound Dressing. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 33523-33531.	4.0	381

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38	Skin-Inspired Gels with Toughness, Antifreezing, Conductivity, and Remoldability. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 28336-28344.	4.0	111
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