

Hydrogel ionotronics

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Zwitterionic Skins with a Wide Scope of Customizable Functionalities. ACS Nano, 2018, 12, 12860-12868.	7.3	154
2	Adhesion between Hydrophobic Elastomer and Hydrogel through Hydrophilic Modification and Interfacial Segregation. ACS Applied Materials & Interfaces, 2018, 10, 43252-43261.	4.0	38
3	Highly Flexible and Transparent Polyionicâ€‘Skin Triboelectric Nanogenerator for Biomechanical Motion Harvesting. Advanced Energy Materials, 2019, 9, 1803183.	10.2	72
4	Hydrogel Interferometry for Ultrasensitive and Highly Selective Chemical Detection. Advanced Materials, 2018, 30, e1804916.	11.1	79
5	Stretchable Seal. ACS Applied Materials & Interfaces, 2018, 10, 27333-27343.	4.0	40
6	A Linear Poroelastic Analysis of Time-Dependent Crack-Tip Fields in Polymer Gels. Journal of Applied Mechanics, Transactions ASME, 2018, 85, .	1.1	12
7	One-Step Preparation of a Highly Stretchable, Conductive, and Transparent Poly(vinyl alcohol)â€‘Phytic Acid Hydrogel for Casual Writing Circuits. ACS Applied Materials & Interfaces, 2019, 11, 32441-32448.	4.0	106
8	Dielectric elastomer materials for large-strain actuation and energy harvesting: a comparison between styrenic rubber, natural rubber and acrylic elastomer. Smart Materials and Structures, 2019, 28, 114001.	1.8	51
9	INFORA: A Novel Inflatable Origami-based Actuator. , 2019, , .		2
10	Hydrogel Paint. Advanced Materials, 2019, 31, e1903062.	11.1	146
11	Biomimetic Extremeâ€‘Temperatureâ€‘and Environmentâ€‘Adaptable Hydrogels. ChemPhysChem, 2019, 20, 2139-2154.	1.0	86
12	A biomimetic nanofluidic diode based on surface-modified polymeric carbon nitride nanotubes. Beilstein Journal of Nanotechnology, 2019, 10, 1316-1323.	1.5	16
13	Neural interfaces by hydrogels. Extreme Mechanics Letters, 2019, 30, 100510.	2.0	51
14	Toward Multifunctional and Wearable Smart Skins with Energyâ€‘Harvesting, Touchâ€‘Sensing, and Exteroceptionâ€‘Visualizing Capabilities by an Allâ€‘Polymer Design. Advanced Electronic Materials, 2019, 5, 1900553.	2.6	41
15	A highly transparent and ultra-stretchable conductor with stable conductivity during large deformation. Nature Communications, 2019, 10, 3429.	5.8	297
16	Molecular Staples for Tough and Stretchable Adhesion in Integrated Soft Materials. Advanced Healthcare Materials, 2019, 8, e1900810.	3.9	20
17	Stickâ€‘On Largeâ€‘Strain Sensors for Soft Robots. Advanced Materials Interfaces, 2019, 6, 1900985.	1.9	79
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20	Multiresponsive and Self-Healing Hydrogel via Formation of Polymer-Nanogel Interfacial Dynamic Benzoxaborole Esters at Physiological pH. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 44742-44750.	4.0	35
21	The Rise of Bioinspired Ionotronics. <i>Advanced Intelligent Systems</i> , 2019, 1, 1900073.	3.3	43
22	Gelatin-hydrogel based organic synaptic transistor. <i>Organic Electronics</i> , 2019, 75, 105409.	1.4	36
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25	A bioinspired hydrogen bond-triggered ultrasensitive ionic mechanoreceptor skin. <i>Nature Communications</i> , 2019, 10, 4019.	5.8	138
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110	Super-Soft and Super-Elastic DNA Robot with Magnetically Driven Navigational Locomotion for Cell Delivery in Confined Space. <i>Angewandte Chemie</i> , 2020, 132, 2511-2516.	1.6	15
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