

Hao Liu

List of Publications by Year in descending order

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18
papers

1,319
citations

567281

15
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

1766
citing authors

#	ARTICLE	IF	CITATIONS
1	Flexible Miniaturized Sensor Technologies for Long-Term Physiological Monitoring. Npj Flexible Electronics, 2022, 6, .	10.7	35
2	Negative Compressibility in the Monoclinic Octahedron Model Constructed by Hinging Wineâ€Rack Mechanism. Physica Status Solidi (B): Basic Research, 2021, 258, 2000389.	1.5	4
3	Environmentally Compatible Wearable Electronics Based on Ionically Conductive Organohydrogels for Health Monitoring with Thermal Compatibility, Antiâ€Dehydration, and Underwater Adhesion. Small, 2021, 17, e2101151.	10.0	70
4	Harnessing the wide-range strain sensitivity of bilayered PEDOT:PSS films for wearable health monitoring. Matter, 2021, 4, 2886-2901.	10.0	59
5	A Colorimetric Dermal Tattoo Biosensor Fabricated by Microneedle Patch for Multiplexed Detection of Healthâ€Related Biomarkers. Advanced Science, 2021, 8, e2103030.	11.2	65
6	Spatially modulated stiffness on hydrogels for soft and stretchable integrated electronics. Materials Horizons, 2020, 7, 203-213.	12.2	70
7	Roomâ€Temperatureâ€Formed PEDOT:PSS Hydrogels Enable Injectable, Soft, and Healable Organic Bioelectronics. Advanced Materials, 2020, 32, e1904752.	21.0	158
8	Gelatin Methacryloylâ€Based Tactile Sensors for Medical Wearables. Advanced Functional Materials, 2020, 30, 2003601.	14.9	112
9	The new generation of soft and wearable electronics for health monitoring in varying environment: From normal to extreme conditions. Materials Today, 2020, 41, 219-242.	14.2	125
10	Comparative study of robotic artificial actuators and biological muscle. Advances in Mechanical Engineering, 2020, 12, 168781402093340.	1.6	41
11	Bioactuators based on stimulus-responsive hydrogels and their emerging biomedical applications. NPC Asia Materials, 2019, 11, .	7.9	202
12	Magnetic steering of liquid metal mobiles. Soft Matter, 2018, 14, 3236-3245.	2.7	37
13	Biofriendly, Stretchable, and Reusable Hydrogel Electronics as Wearable Force Sensors. Small, 2018, 14, e1801711.	10.0	144
14	Paper: A promising material for human-friendly functional wearable electronics. Materials Science and Engineering Reports, 2017, 112, 1-22.	31.8	128
15	Capillary Origami Inspired Fabrication of Complex 3D Hydrogel Constructs. Small, 2016, 12, 4492-4500.	10.0	34
16	Electro-Optical Properties of Low-Temperature Growth Indium-tin-oxide Nanowires Using Polystyrene Spheres as Catalyst. Nanoscale Research Letters, 2016, 11, 131.	5.7	8
17	Liquid on Paper: Rapid Prototyping of Soft Functional Components for Paper Electronics. Scientific Reports, 2015, 5, 11488.	3.3	27
18	Aerodynamic optimization of a compressor blade on RBF mesh deformation. , 2015, , .		0