

# Hao Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9914874/publications.pdf>

Version: 2024-02-01

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