

# Hexia Guo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6178400/publications.pdf>

Version: 2024-02-01

12  
papers

1,127  
citations

1163117

8  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

2402  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymer-modified halide perovskite films for efficient and stable planar heterojunction solar cells. <i>Science Advances</i> , 2017, 3, e1700106.	10.3	588
2	Passive sweat collection and colorimetric analysis of biomarkers relevant to kidney disorders using a soft microfluidic system. <i>Lab on A Chip</i> , 2019, 19, 1545-1555.	6.0	157
3	Battery-free, fully implantable optofluidic cuff system for wireless optogenetic and pharmacological neuromodulation of peripheral nerves. <i>Science Advances</i> , 2019, 5, eaaw5296.	10.3	127
4	Battery-free, lightweight, injectable microsystem for in vivo wireless pharmacology and optogenetics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 21427-21437.	7.1	110
5	Body-Interfaced Chemical Sensors for Noninvasive Monitoring and Analysis of Biofluids. <i>Trends in Chemistry</i> , 2019, 1, 559-571.	8.5	71
6	Wireless implantable optical probe for continuous monitoring of oxygen saturation in flaps and organ grafts. <i>Nature Communications</i> , 2022, 13, .	12.8	22
7	Implantable, wireless, self-fixing thermal sensors for continuous measurements of microvascular blood flow in flaps and organ grafts. <i>Biosensors and Bioelectronics</i> , 2022, 206, 114145.	10.1	18
8	Advanced Materials in Wireless, Implantable Electrical Stimulators that Offer Rapid Rates of Bioresorption for Peripheral Axon Regeneration. <i>Advanced Functional Materials</i> , 2021, 31, 2102724.	14.9	17
9	Intramuscular Near-Infrared Spectroscopy for Muscle Flap Monitoring in a Porcine Model. <i>Journal of Reconstructive Microsurgery</i> , 2022, 38, 321-327.	1.8	7
10	Bioresorbable Multilayer Photonic Cavities as Temporary Implants for Tether-Free Measurements of Regional Tissue Temperatures. <i>BME Frontiers</i> , 2021, 2021, .	4.5	7
11	Implantation and Control of Wireless, Battery-free Systems for Peripheral Nerve Interfacing. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	2
12	Percutaneously introduced wireless intramuscular near-infrared spectroscopy device detects muscle oxygenation changes in porcine model of lower extremity compartment syndrome. <i>Journal of Orthopaedic Research</i> , 2023, 41, 54-62.	2.3	1