Shan Jiang

List of Publications by Year
in descending order

13	518	840776 11	1199594 12
papers	citations	h-index	g-index

14	14	14	576
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Shedding light on neurons: optical approaches for neuromodulation. National Science Review, 2022, 9, .	9.5	26
2	Astrocyte plasticity in mice ensures continued endfoot coverage of cerebral blood vessels following injury and declines with age. Nature Communications, 2022, 13, 1794.	12.8	29
3	Deep Brain Optoacoustic Stimulation Enabled by a Multifunctional Fiber-based Optoacoustic Emitter. , 2022, , .		0
4	Thermally Drawn Stretchable Electrical and Optical Fiber Sensors for Multimodal Extreme Deformation Sensing. Advanced Optical Materials, 2021, 9, 2001815.	7.3	31
5	Neural Stimulation InÂVitro and InÂVivo by Photoacoustic Nanotransducers. Matter, 2021, 4, 654-674.	10.0	32
6	Nano-optoelectrodes Integrated with Flexible Multifunctional Fiber Probes by High-Throughput Scalable Fabrication. ACS Applied Materials & Interfaces, 2021, 13, 9156-9165.	8.0	13
7	Implantable optical fibers for immunotherapeutics delivery and tumor impedance measurement. Nature Communications, 2021, 12, 5138.	12.8	28
8	Flexible Multiâ€Material Fibers for Distributed Pressure and Temperature Sensing. Advanced Functional Materials, 2020, 30, 1908915.	14.9	48
9	Thermally drawn advanced functional fibers: New frontier of flexible electronics. Materials Today, 2020, 35, 168-194.	14.2	153
10	Spatially expandable fiber-based probes as a multifunctional deep brain interface. Nature Communications, 2020, 11, 6115.	12.8	44
11	3D bioprinting using hollow multifunctional fiber impedimetric sensors. Biofabrication, 2020, 12, 035026.	7.1	7
12	Scalable, washable and lightweight triboelectric-energy-generating fibers by the thermal drawing process for industrial loom weaving. Nano Energy, 2020, 74, 104805.	16.0	34
13	Polymer Composite with Carbon Nanofibers Aligned during Thermal Drawing as a Microelectrode for Chronic Neural Interfaces. ACS Nano, 2017, 11, 6574-6585.	14.6	73