Yuanyuan Guo

List of Publications by Year
in descending order

13	549	1040056 9	1125743 13
papers	citations	h-index	g-index

14	14	14	854
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	One-step optogenetics with multifunctional flexible polymer fibers. Nature Neuroscience, 2017, 20, 612-619.	14.8	291
2	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
3	Spatially expandable fiber-based probes as a multifunctional deep brain interface. Nature Communications, 2020, 11, 6115.	12.8	44
4	Device simulation of the light-addressable potentiometric sensor for the investigation of the spatial resolution. Sensors and Actuators B: Chemical, 2014, 204, 659-665.	7.8	32
5	Polymer-fiber-coupled field-effect sensors for label-free deep brain recordings. PLoS ONE, 2020, 15, e0228076.	2.5	22
6	Miniature multiplexed label-free pH probe in vivo. Biosensors and Bioelectronics, 2021, 174, 112870.	10.1	22
7	Theoretical study and simulation of lightâ€addressable potentiometric sensors. Physica Status Solidi (A) Applications and Materials Science, 2014, 211, 1467-1472.	1.8	20
8	Novel photoexcitation method for light-addressable potentiometric sensor with higher spatial resolution. Applied Physics Express, 2014, 7, 067301.	2.4	17
9	Enhancement of the Spatial Resolution of the Chemical Imaging Sensor by a Hybrid Fiber-Optic Illumination. Procedia Engineering, 2014, 87, 612-615.	1.2	11
10	Device Simulation of the Light-addressable Potentiometric Sensor with a Novel Photoexcitation Method for a Higher Spatial Resolution. Procedia Engineering, 2014, 87, 456-459.	1.2	6
11	Thermallyâ€Drawn Multiâ€Electrode Fibers for Bipolar Electrochemistry and Magnified Electrochemical Imaging. Advanced Materials Technologies, 2022, 7, 2101066.	5.8	6
12	Light in Electrochemistry. Electrochem, 2021, 2, 472-489.	3.3	3
13	Modeling of the Return Current in a Light-Addressable Potentiometric Sensor. Sensors, 2019, 19, 4566.	3.8	2