

Yuanyuan Guo

List of Publications by Year in descending order

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papers

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854
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermally Drawn Multi-Electrode Fibers for Bipolar Electrochemistry and Magnified Electrochemical Imaging. <i>Advanced Materials Technologies</i> , 2022, 7, 2101066.	5.8	6
2	Miniature multiplexed label-free pH probe in vivo. <i>Biosensors and Bioelectronics</i> , 2021, 174, 112870.	10.1	22
3	Light in Electrochemistry. <i>Electrochem</i> , 2021, 2, 472-489.	3.3	3
4	Spatially expandable fiber-based probes as a multifunctional deep brain interface. <i>Nature Communications</i> , 2020, 11, 6115.	12.8	44
5	Polymer-fiber-coupled field-effect sensors for label-free deep brain recordings. <i>PLoS ONE</i> , 2020, 15, e0228076.	2.5	22
6	Modeling of the Return Current in a Light-Addressable Potentiometric Sensor. <i>Sensors</i> , 2019, 19, 4566.	3.8	2
7	One-step optogenetics with multifunctional flexible polymer fibers. <i>Nature Neuroscience</i> , 2017, 20, 612-619.	14.8	291
8	Polymer Composite with Carbon Nanofibers Aligned during Thermal Drawing as a Microelectrode for Chronic Neural Interfaces. <i>ACS Nano</i> , 2017, 11, 6574-6585.	14.6	73
9	Device Simulation of the Light-addressable Potentiometric Sensor with a Novel Photoexcitation Method for a Higher Spatial Resolution. <i>Procedia Engineering</i> , 2014, 87, 456-459.	1.2	6
10	Theoretical study and simulation of light-addressable potentiometric sensors. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2014, 211, 1467-1472.	1.8	20
11	Novel photoexcitation method for light-addressable potentiometric sensor with higher spatial resolution. <i>Applied Physics Express</i> , 2014, 7, 067301.	2.4	17
12	Device simulation of the light-addressable potentiometric sensor for the investigation of the spatial resolution. <i>Sensors and Actuators B: Chemical</i> , 2014, 204, 659-665.	7.8	32
13	Enhancement of the Spatial Resolution of the Chemical Imaging Sensor by a Hybrid Fiber-Optic Illumination. <i>Procedia Engineering</i> , 2014, 87, 612-615.	1.2	11