

James K Nolan

List of Publications by Year in descending order

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8
papers

164
citations

1478505

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1474206

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all docs

9
docs citations

9
times ranked

217
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile fabrication of flexible glutamate biosensor using direct writing of platinum nanoparticle-based nanocomposite ink. <i>Biosensors and Bioelectronics</i> , 2019, 131, 257-266.	10.1	66
2	Wearable Glucose Monitoring and Implantable Drug Delivery Systems for Diabetes Management. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100194.	7.6	38
3	Printable Nonenzymatic Glucose Biosensors Using Carbon Nanotube-PtNP Nanocomposites Modified with AuRu for Improved Selectivity. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 5315-5325.	5.2	27
4	Simple Fabrication of Flexible Biosensor Arrays Using Direct Writing for Multianalyte Measurement from Human Astrocytes. <i>SLAS Technology</i> , 2020, 25, 33-46.	1.9	11
5	On-chip microelectrode array and in situ transient calibration for measurement of transient concentration gradients near surfaces of 2D cell cultures. <i>Sensors and Actuators B: Chemical</i> , 2018, 260, 519-528.	7.8	8
6	Fabrication and ex vivo evaluation of activated carbon@Pt microparticle based glutamate biosensor. <i>Journal of Electroanalytical Chemistry</i> , 2020, 866, 114136.	3.8	7
7	Real-time characterization of uptake kinetics of glioblastoma vs. astrocytes in 2D cell culture using microelectrode array. <i>Analyst, The</i> , 2018, 143, 4954-4966.	3.5	4
8	Ex vivo electrochemical measurement of glutamate release during spinal cord injury. <i>MethodsX</i> , 2019, 6, 1894-1900.	1.6	1