

Jamie Marland

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

391
citations

840776

11
h-index

794594

19
g-index

23
all docs

23
docs citations

23
times ranked

649
citing authors

#	ARTICLE	IF	CITATIONS
1	In vivo application of an implantable tri-anchored methylene blue-based electrochemical pH sensor. <i>Biosensors and Bioelectronics</i> , 2022, 197, 113728.	10.1	9
2	Predicting Cardiovascular Stent Complications Using Self-Reporting Biosensors for Noninvasive Detection of Disease. <i>Advanced Science</i> , 2022, 9, e2105285.	11.2	9
3	Predictive and Diagnostic Biomarkers of Anastomotic Leakage: A Precision Medicine Approach for Colorectal Cancer Patients. <i>Journal of Personalized Medicine</i> , 2021, 11, 471.	2.5	23
4	Post-Operative Monitoring of Intestinal Tissue Oxygenation Using an Implantable Microfabricated Oxygen Sensor. <i>Micromachines</i> , 2021, 12, 810.	2.9	5
5	Real-time measurement of tumour hypoxia using an implantable microfabricated oxygen sensor. <i>Sensing and Bio-Sensing Research</i> , 2020, 30, 100375.	4.2	31
6	Comparison of Conventional and Maskless Lithographic Techniques for More than Moore Post-Processing of Foundry CMOS Chips. <i>Journal of Microelectromechanical Systems</i> , 2020, 29, 1245-1252.	2.5	2
7	Optimization of Nafion Polymer Electrolyte Membrane Design and Microfabrication. <i>IEEE Transactions on Semiconductor Manufacturing</i> , 2020, 33, 196-201.	1.7	4
8	Test Structures for Developing Packaging for Implantable Sensors. <i>IEEE Transactions on Semiconductor Manufacturing</i> , 2020, 33, 224-231.	1.7	3
9	A Novel Translational Ovine Pulmonary Adenocarcinoma Model for Human Lung Cancer. <i>Frontiers in Oncology</i> , 2019, 9, 534.	2.8	11
10	Synaptophysin sustains presynaptic performance by preserving vesicular synaptobrevin levels. <i>Journal of Neurochemistry</i> , 2019, 151, 28-37.	3.9	30
11	In vivo validation of a miniaturized electrochemical oxygen sensor for measuring intestinal oxygen tension. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 317, G242-G252.	3.4	16
12	Ovine Pulmonary Adenocarcinoma: A Unique Model to Improve Lung Cancer Research. <i>Frontiers in Oncology</i> , 2019, 9, 335.	2.8	21
13	Biocompatibility of common implantable sensor materials in a tumor xenograft model. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 1620-1633.	3.4	16
14	Implantable Microsystems for Personalised Anticancer Therapy. , 2018, , 259-286.		9
15	Wafer level characterisation of microelectrodes for electrochemical sensing applications. , 2018, , .		1
16	A low cost patternable packaging technology for biosensors. , 2017, , .		0
17	Synaptic Vesicle Recycling Is Unaffected in the Ts65Dn Mouse Model of Down Syndrome. <i>PLoS ONE</i> , 2016, 11, e0147974.	2.5	4
18	Mitochondrial Calcium Uptake Modulates Synaptic Vesicle Endocytosis in Central Nerve Terminals. <i>Journal of Biological Chemistry</i> , 2016, 291, 2080-2086.	3.4	59

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19	Synaptic vesicle exocytosis and increased cytosolic calcium are both necessary but not sufficient for activity-dependent bulk endocytosis. <i>Journal of Neurochemistry</i> , 2015, 134, 405-415.	3.9	19
20	ARF6 Directs Axon Transport and Traffic of Integrins and Regulates Axon Growth in Adult DRG Neurons. <i>Journal of Neuroscience</i> , 2012, 32, 10352-10364.	3.6	91
21	Rac GTPase-activating Protein (Rac GAP) $\hat{1}$ -Chimaerin Undergoes Proteasomal Degradation and Is Stabilized by Diacylglycerol Signaling in Neurons. <i>Journal of Biological Chemistry</i> , 2011, 286, 199-207.	3.4	12
22	Nanog retrotransposed genes with functionally conserved open reading frames. <i>Mammalian Genome</i> , 2006, 17, 732-743.	2.2	15