

Adrien Roux

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

146
citations

1478505

6
h-index

1474206

9
g-index

18
all docs

18
docs citations

18
times ranked

212
citing authors

#	ARTICLE	IF	CITATIONS
1	Development and characterization of a human embryonic stem cell-derived 3D neural tissue model for neurotoxicity testing. <i>Toxicology in Vitro</i> , 2017, 38, 124-135.	2.4	50
2	Soft Printable Electrode Coating for Neural Interfaces. <i>ACS Applied Bio Materials</i> , 2020, 3, 4388-4397.	4.6	33
3	Unravelling the effects of multiple experimental factors in metabolomics, analysis of human neural cells with hydrophilic interaction liquid chromatography hyphenated to high resolution mass spectrometry. <i>Journal of Chromatography A</i> , 2017, 1527, 53-60.	3.7	27
4	Mass Generation, Neuron Labeling, and 3D Imaging of Minibrains. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 582650.	4.1	14
5	Bloodâ€“Brain Barrier Dynamic Device with Uniform Shear Stress Distribution for Microscopy and Permeability Measurements. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5584.	2.5	7
6	Post-focus expansion of ion beams for low fluence and large area MeV ion irradiation: Application to human brain tissue and electronics devices. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2017, 404, 87-91.	1.4	3
7	SpikeOnChip : A Custom Embedded Platform for Neuronal Activity Recording and Analysis. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2021, 15, 743-755.	4.0	3
8	Statistical distortion of supervised learning predictions in optical microscopy induced by image compression. <i>Scientific Reports</i> , 2022, 12, 3464.	3.3	2
9	Assessment of the in vitro barrier integrity by in vitro TEER measurement for toxicology screening. <i>Toxicology Letters</i> , 2015, 238, S327.	0.8	0
10	A gas ionisation Direct-STIM detector for MeV ion microscopy. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015, 348, 58-61.	1.4	0
11	Long term culture of nasalâ€“trachealâ€“bronchial and bronchiolar human airway epithelia at interconnected and dynamic liquid flow conditions. <i>Toxicology Letters</i> , 2017, 280, S145.	0.8	0
12	Low-cost toxicogenomic profiling of Human iPSC derived minibrain reveals key adverse outcome pathways. <i>Toxicology Letters</i> , 2021, 350, S126-S127.	0.8	0
13	Development of an in vitro model of NanoNeurotoxicity using human 3D neural tissues: Functional assay using porous microelectrode arrays. <i>Frontiers in Cellular Neuroscience</i> , 0, 12, .	3.7	0
14	The Role of Interstitial Fluid Pressure in Cerebral Porous Biomaterial Integration. <i>Brain Sciences</i> , 2022, 12, 417.	2.3	0