

Adrien Roux

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

146
citations

1478505

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h-index

1474206

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g-index

18
all docs

18
docs citations

18
times ranked

212
citing authors

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