

Francesco Paolo Ulloa Severino

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

434
citations

1039406

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996533

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17
all docs

17
docs citations

17
times ranked

834
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene Oxide Nanosheets Reshape Synaptic Function in Cultured Brain Networks. ACS Nano, 2016, 10, 4459-4471.	7.3	133
2	The role of dimensionality in neuronal network dynamics. Scientific Reports, 2016, 6, 29640.	1.6	81
3	Thalamic projections to the subthalamic nucleus contribute to movement initiation and rescue of parkinsonian symptoms. Science Advances, 2021, 7, .	4.7	40
4	Effective motor neuron differentiation of hiPSCs on a patch made of crosslinked monolayer gelatin nanofibers. Journal of Materials Chemistry B, 2016, 4, 3305-3312.	2.9	33
5	The role of astrocyte structural plasticity in regulating neural circuit function and behavior. Glia, 2022, 70, 1467-1483.	2.5	33
6	A Fully 3D Interconnected Grapheneâ€“Carbon Nanotube Web Allows the Study of Glioma Infiltration in Bioengineered 3D Cortexâ€“Like Networks. Advanced Materials, 2018, 30, e1806132.	11.1	28
7	Patch method for culture of primary hippocampal neurons. Microelectronic Engineering, 2017, 175, 61-66.	1.1	17
8	Improved neuron culture using scaffolds made of three-dimensional PDMS micro-lattices. Biomedical Materials (Bristol), 2018, 13, 034105.	1.7	14
9	Tuning Neuronal Circuit Formation in 3D Polymeric Scaffolds by Introducing Graphene at the Bio/Material Interface. Advanced Biology, 2020, 4, 1900233.	3.0	12
10	3D Free-Standing Ordered Graphene Network Geometrically Regulates Neuronal Growth and Network Formation. Nano Letters, 2020, 20, 7043-7051.	4.5	11
11	Foxg1 Upregulation Enhances Neocortical Activity. Cerebral Cortex, 2020, 30, 5147-5165.	1.6	10
12	3D Carbon-based scaffolds for brain models and tissue engineering. STEMedicine, 2020, 1, e61.	0.5	7
13	Ultrasound Stimulations Induce Prolonged Depolarization and Fast Action Potentials in Leech Neurons. IEEE Open Journal of Engineering in Medicine and Biology, 2020, 1, 23-32.	1.7	6
14	Fabrication of PLGA nanofibers on PDMS micropillars for neuron culture studies. Microelectronic Engineering, 2017, 175, 67-72.	1.1	4
15	Cortexâ€“Like Networks: A Fully 3D Interconnected Grapheneâ€“Carbon Nanotube Web Allows the Study of Glioma Infiltration in Bioengineered 3D Cortexâ€“Like Networks (Adv. Mater. 52/2018). Advanced Materials, 2018, 30, 1870397.	11.1	2