Emanuela Saracino

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10406605/publications.pdf

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13 papers	268 citations	840776 11 h-index	1199594 12 g-index
14 all docs	14 docs citations	14 times ranked	393 citing authors

#	Article	IF	Citations
1	Effect of different fabrication methods on the chemo-physical properties of silk fibroin films and on their interaction with neural cells. RSC Advances, 2016, 6, 9304-9314.	3.6	43
2	LRRC8A is essential for swellingâ€activated chloride current and for regulatory volume decrease in astrocytes. FASEB Journal, 2019, 33, 101-113.	0.5	37
3	A Nanoscale Interface Promoting Molecular and Functional Differentiation of Neural Cells. Scientific Reports, 2016, 6, 31226.	3.3	27
4	Structural and functional properties of astrocytes on PCL based electrospun fibres. Materials Science and Engineering C, 2021, 118, 111363.	7.3	26
5	Stimulation of water and calcium dynamics in astrocytes with pulsed infrared light. FASEB Journal, 2020, 34, 6539-6553.	0.5	25
6	A Glialâ€Silicon Nanowire Electrode Junction Enabling Differentiation and Noninvasive Recording of Slow Oscillations from Primary Astrocytes. Advanced Biology, 2020, 4, e1900264.	3.0	20
7	Graphene glial-interfaces: challenges and perspectives. Nanoscale, 2021, 13, 4390-4407.	5.6	18
8	Electrical Stimulation by an Organic Transistor Architecture Induces Calcium Signaling in Nonexcitable Brain Cells. Advanced Healthcare Materials, 2019, 8, e1801139.	7.6	16
9	Silk fibroin film from goldenâ€yellow <scp>B</scp>ombyx mori is a biocomposite that contains lutein and promotes axonal growth of primary neurons. Biopolymers, 2016, 105, 287-299.	2.4	15
10	Glial Interfaces: Advanced Materials and Devices to Uncover the Role of Astroglial Cells in Brain Function and Dysfunction. Advanced Healthcare Materials, 2021, 10, e2001268.	7.6	15
11	Electroconductive and injectable hydrogels based on gelatin and PEDOT:PSS for a minimally invasive approach in nervous tissue regeneration. Biomaterials Science, 2022, 10, 2040-2053.	5.4	13
12	Instructive proteins for tissue regeneration. , 2018, , 23-49.		6
13	Polyaniline nano-needles into electrospun bio active fibres support in vitro astrocyte response. RSC Advances, 2021, 11, 11347-11355.	3.6	6