

Sivan Kanner

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

406
citations

1040056

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1281871

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docs citations

11
times ranked

813
citing authors

#	ARTICLE	IF	CITATIONS
1	Dysfunction of cerebellar microglia in <sc>Ataxia&telangiectasia</sc>. <i>Glia</i> , 2022, 70, 536-557.	4.9	12
2	Toward neuroprosthetic real-time communication from in silico to biological neuronal network via patterned optogenetic stimulation. <i>Scientific Reports</i> , 2020, 10, 7512.	3.3	22
3	Calcium imaging, MEA recordings, and immunostaining images dataset of neuron-astrocyte networks in culture under the effect of norepinephrine. <i>GigaScience</i> , 2019, 8, .	6.4	5
4	Activity changes in neuron-astrocyte networks in culture under the effect of norepinephrine. <i>PLoS ONE</i> , 2018, 13, e0203761.	2.5	20
5	Astrocytes restore connectivity and synchronization in dysfunctional cerebellar networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 8025-8030.	7.1	23
6	Astrocytes from old Alzheimer's disease mice are impaired in A β uptake and in neuroprotection. <i>Neurobiology of Disease</i> , 2016, 96, 84-94.	4.4	85
7	Connecting Malfunctioning Glial Cells and Brain Degenerative Disorders. <i>Genomics, Proteomics and Bioinformatics</i> , 2016, 14, 155-165.	6.9	28
8	Design, Surface Treatment, Cellular Plating, and Culturing of Modular Neuronal Networks Composed of Functionally Inter-connected Circuits. <i>Journal of Visualized Experiments</i> , 2015, , .	0.3	6
9	Rapamycin increases neuronal survival, reduces inflammation and astrocyte proliferation after spinal cord injury. <i>Molecular and Cellular Neurosciences</i> , 2015, 68, 82-91.	2.2	120
10	In vitro large-scale experimental and theoretical studies for the realization of bi-directional brain-prostheses. <i>Frontiers in Neural Circuits</i> , 2013, 7, 40.	2.8	72
11	The Role of the Neuro-Astro-Vascular Unit in the Etiology of Ataxia Telangiectasia. <i>Frontiers in Pharmacology</i> , 2012, 3, 157.	3.5	13