

Doris Lam

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

569
citations

758635

12
h-index

996533

15
g-index

16
all docs

16
docs citations

16
times ranked

892
citing authors

#	ARTICLE	IF	CITATIONS
1	MAVS mediates a protective immune response in the brain to Rift Valley fever virus. <i>PLoS Pathogens</i> , 2022, 18, e1010231.	2.1	12
2	Probing function in 3D neuronal cultures: A survey of 3D multielectrode array advances. <i>Current Opinion in Pharmacology</i> , 2021, 60, 255-260.	1.7	15
3	Optimizing cell encapsulation condition in ECM-Collagen I hydrogels to support 3D neuronal cultures. <i>Journal of Neuroscience Methods</i> , 2020, 329, 108460.	1.3	32
4	Modeling the temporal network dynamics of neuronal cultures. <i>PLoS Computational Biology</i> , 2020, 16, e1007834.	1.5	4
5	Functional and transcriptional characterization of complex neuronal co-cultures. <i>Scientific Reports</i> , 2020, 10, 11007.	1.6	27
6	A flexible 3-dimensional microelectrode array for <i>in vitro</i> brain models. <i>Lab on A Chip</i> , 2020, 20, 901-911.	3.1	111
7	Tissue-specific extracellular matrix accelerates the formation of neural networks and communities in a neuron-glia co-culture on a multi-electrode array. <i>Scientific Reports</i> , 2019, 9, 4159.	1.6	119
8	Sex- and Development-Dependent Responses of Rat Microglia to Pro- and Anti-inflammatory Stimulation. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 433.	1.8	13
9	Comparing Effects of Transforming Growth Factor β 1 on Microglia From Rat and Mouse: Transcriptional Profiles and Potassium Channels. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 115.	1.8	33
10	RAGE-dependent potentiation of TRPV1 currents in sensory neurons exposed to high glucose. <i>PLoS ONE</i> , 2018, 13, e0193312.	1.1	24
11	Responses of rat and mouse primary microglia to pro- and anti-inflammatory stimuli: molecular profiles, K ⁺ channels and migration. <i>Journal of Neuroinflammation</i> , 2017, 14, 166.	3.1	67
12	Expression and Contributions of the Kir2.1 Inward-Rectifier K ⁺ Channel to Proliferation, Migration and Chemotaxis of Microglia in Unstimulated and Anti-Inflammatory States. <i>Biophysical Journal</i> , 2016, 110, 319a.	0.2	0
13	Expression and contributions of the Kir2.1 inward-rectifier K ⁺ channel to proliferation, migration and chemotaxis of microglia in unstimulated and anti-inflammatory states. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 185.	1.8	52
14	Regulation of hERG and hEAG Channels by Src and by SHP-1 Tyrosine Phosphatase via an ITIM Region in the Cyclic Nucleotide Binding Domain. <i>PLoS ONE</i> , 2014, 9, e90024.	1.1	9
15	Altered function of glutamatergic cortico-striatal synapses causes output pathway abnormalities in a chronic model of parkinsonism. <i>Neurobiology of Disease</i> , 2011, 41, 591-604.	2.1	31
16	Generation of a model of l-DOPA-induced dyskinesia in two different mouse strains. <i>Journal of Neuroscience Methods</i> , 2011, 197, 193-208.	1.3	20