

Xiaodong Liu

List of Publications by Year in descending order

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papers

573
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933447

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26
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#	ARTICLE	IF	CITATIONS
1	Cytokine Changes in the Aqueous Humor in Rubella-Related Fuchs Heterochromic Iridocyclitis. <i>Disease Markers</i> , 2022, 2022, 1-6.	1.3	0
2	Cytosolic peptides encoding CaV1 C-termini downregulate the calcium channel activity-neuritogenesis coupling. <i>Communications Biology</i> , 2022, 5, 484.	4.4	6
3	Established Beta Amyloid Pathology Is Unaffected by TREM2 Elevation in Reactive Microglia in an Alzheimer's Disease Mouse Model. <i>Molecules</i> , 2021, 26, 2685.	3.8	2
4	Origins of Beta Amyloid Differ Between Vascular Amyloid Deposition and Parenchymal Amyloid Plaques in the Spinal Cord of a Mouse Model of Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2020, 57, 278-289.	4.0	6
5	Satellite glia activation in dorsal root ganglion contributes to mechanical allodynia after selective motor fiber injury in adult rats. <i>Biomedicine and Pharmacotherapy</i> , 2020, 127, 110187.	5.6	20
6	Long non-coding RNAs in the spinal cord injury: Novel spotlight. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 4883-4890.	3.6	20
7	Cryo-EM structure of the polycystic kidney disease-like channel PKD2L1. <i>Nature Communications</i> , 2018, 9, 1192.	12.8	45
8	Jingshu Keli attenuates cervical spinal nerve ligation-induced allodynia in rats through inhibition of spinal microglia and Stat3 activation. <i>Spine Journal</i> , 2018, 18, 2112-2118.	1.3	8
9	Improved calcium sensor GCaMP-X overcomes the calcium channel perturbations induced by the calmodulin in GCaMP. <i>Nature Communications</i> , 2018, 9, 1504.	12.8	147
10	Linker flexibility of IVS3-S4 loops modulates voltage-dependent activation of L-type Ca ²⁺ channels. <i>Channels</i> , 2017, 11, 34-45.	2.8	12
11	Cooperative and acute inhibition by multiple C-terminal motifs of L-type Ca ²⁺ channels. <i>ELife</i> , 2017, 6, .	6.0	13
12	Electrical resonance with voltage-gated ion channels: perspectives from biophysical mechanisms and neural electrophysiology. <i>Acta Pharmacologica Sinica</i> , 2016, 37, 67-74.	6.1	16
13	Influx-Operated Ca ²⁺ Entry via PKD2-L1 and PKD1-L3 Channels Facilitates Sensory Responses to Polymodal Transient Stimuli. <i>Cell Reports</i> , 2015, 13, 798-811.	6.4	8
14	Convergent Modulations by Carboxyl-Termini across L-Type Calcium Channel Subtypes. <i>Biophysical Journal</i> , 2015, 108, 580a.	0.5	1
15	PKD2L1/PKD1L3 channel complex with an alkali-activated mechanism and calcium-dependent inactivation. <i>European Biophysics Journal</i> , 2015, 44, 483-492.	2.2	6
16	Tomographic imaging of ratiometric fluorescence resonance energy transfer in scattering media. <i>Applied Optics</i> , 2012, 51, 5044.	1.8	0
17	Enzyme-inhibitor-like tuning of Ca ²⁺ channel connectivity with calmodulin. <i>Nature</i> , 2010, 463, 968-972.	27.8	93
18	Modeling and simulation of ion channels and action potentials in taste receptor cells. <i>Science in China Series C: Life Sciences</i> , 2009, 52, 1036-1047.	1.3	3

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19	A biomimetic taste receptor cell-based biosensor for electrophysiology recording and acidic sensation. <i>Sensors and Actuators B: Chemical</i> , 2009, 139, 576-583.	7.8	30
20	Chronic Inhibition of Cardiac Kir2.1 and hERG Potassium Channels by Celastrol with Dual Effects on Both Ion Conductivity and Protein Trafficking. <i>Journal of Biological Chemistry</i> , 2006, 281, 5877-5884.	3.4	74
21	Effects of Tetraethylammonium on Kx Channels and Simulated Light Response in Rod Photoreceptors. <i>Annals of Biomedical Engineering</i> , 2004, 32, 1428-1442.	2.5	13
22	Reciprocal Modulation of Calcium Dynamics at Rod and Cone Photoreceptor Synapses by Nitric Oxide. <i>Journal of Neurophysiology</i> , 2004, 92, 477-483.	1.8	45
23	Modulation of Rod Photoreceptor Potassium Kx Current by Divalent Cations. <i>Annals of Biomedical Engineering</i> , 2002, 30, 1196-1203.	2.5	5