

Yi-Je Chen

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

692
citations

759233

12
h-index

752698

20
g-index

25
all docs

25
docs citations

25
times ranked

1182
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanochemotransduction During Cardiomyocyte Contraction Is Mediated by Localized Nitric Oxide Signaling. <i>Science Signaling</i> , 2014, 7, ra27.	3.6	128
2	The KCa3.1 Blocker TRAM-34 Reduces Infarction and Neurological Deficit in a Rat Model of Ischemia/Reperfusion Stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 2363-2374.	4.3	92
3	The potassium channel KCa3.1 constitutes a pharmacological target for neuroinflammation associated with ischemia/reperfusion stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 2146-2161.	4.3	84
4	Intravenous HOE-642 Reduces Brain Edema and Na Uptake in the Rat Permanent Middle Cerebral Artery Occlusion Model of Stroke: Evidence for Participation of the Blood-Brain Barrier Na/H Exchanger. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 225-234.	4.3	62
5	Kv1.3 in psoriatic disease: PAP-1, a small molecule inhibitor of Kv1.3 is effective in the SCID mouse psoriasis "Xenograft" model. <i>Journal of Autoimmunity</i> , 2014, 55, 63-72.	6.5	58
6	Blood-Brain Barrier KCa3.1 Channels. <i>Stroke</i> , 2015, 46, 237-244.	2.0	57
7	Biophysical basis for Kv1.3 regulation of membrane potential changes induced by Ca^{2+} -mediated calcium entry in microglia. <i>Glia</i> , 2020, 68, 2377-2394.	4.9	43
8	Inhibition of the potassium channel Kv1.3 reduces infarction and inflammation in ischemic stroke. <i>Annals of Clinical and Translational Neurology</i> , 2018, 5, 147-161.	3.7	39
9	Exacerbated brain edema in a rat streptozotocin model of hyperglycemic ischemic stroke: Evidence for involvement of blood-brain barrier Na^{+} - K^{+} -Cl cotransport and Na/H exchange. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 1678-1692.	4.3	20
10	The Potassium Channel KCa3.1 as New Therapeutic Target for the Prevention of Obliterative Airway Disease. <i>Transplantation</i> , 2013, 95, 285-292.	1.0	19
11	Multimodal SHG-2PF Imaging of Microdomain Ca^{2+} -Contraction Coupling in Live Cardiac Myocytes. <i>Circulation Research</i> , 2016, 118, e19-28.	4.5	19
12	The Ca^{2+} -Activated K^{+} Channel KCa3.1 as a Potential New Target for the Prevention of Allograft Vasculopathy. <i>PLoS ONE</i> , 2013, 8, e81006.	2.5	18
13	In Vivo Cannulation Methods for Cardiomyocytes Isolation from Heart Disease Models. <i>PLoS ONE</i> , 2016, 11, e0160605.	2.5	10
14	Comparison of the toxicokinetics of the convulsants picrotoxinin and tetramethylenedisulfotetramine (TETS) in mice. <i>Archives of Toxicology</i> , 2020, 94, 1995-2007.	4.2	10
15	Mechanical Load Regulates Excitation- Ca^{2+} Signaling-Contraction in Cardiomyocyte. <i>Circulation Research</i> , 2021, 128, 772-774.	4.5	9
16	The potassium channel Kv1.3 as a therapeutic target for immunocytoprotection after reperfusion. <i>Annals of Clinical and Translational Neurology</i> , 2021, 8, 2070-2082.	3.7	9
17	In vitro evaluation of the effect of a novel immunosuppressive agent, FTY720, on the function of feline neutrophils. <i>American Journal of Veterinary Research</i> , 2006, 67, 588-592.	0.6	6
18	Systemic bone loss following myocardial infarction in mice. <i>Journal of Orthopaedic Research</i> , 2021, 39, 739-749.	2.3	4

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19	Secondhand Smoke Decreased Excitability and Altered Action Potential Characteristics of Cardiac Vagal Neurons in Mice. <i>Frontiers in Physiology</i> , 2021, 12, 727000.	2.8	3
20	Blood-Brain Barrier Mechanisms of Edema Formation. , 2017, , 129-149.		1
21	The Kv1.3 Blocker PAPâ€1 Reduces Infarction and Neurological Deficit in a Rat Model of Reperfusion Stroke. <i>FASEB Journal</i> , 2013, 27, .	0.5	1
22	Multimodal second harmonic generation and two photon fluorescence imaging of microdomain calcium contraction coupling in single cardiomyocytes. , 2016, , .		0
23	Bumetanide and HOE642 administered after initiation of rat middle cerebral artery occlusion effectively reduce rat brain Na uptake and infarct. <i>FASEB Journal</i> , 2009, 23, 614.6.	0.5	0
24	Blood brain barrier KCa3.1 channels: evidence for a role in brain Na uptake and edema during ischemic stroke. <i>FASEB Journal</i> , 2012, 26, 695.13.	0.5	0
25	Bloodâ€Brain Barrier Na/HCO3 Cotransporters: Evidence for a Role in Ischemiaâ€induced Brain Na Uptake. <i>FASEB Journal</i> , 2012, 26, 1152.22.	0.5	0