

Yuyang Sun

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,107
citations

471509

17
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

1903
citing authors

#	ARTICLE	IF	CITATIONS
1	Neurotoxin-induced ER stress in mouse dopaminergic neurons involves downregulation of TRPC1 and inhibition of AKT/mTOR signaling. <i>Journal of Clinical Investigation</i> , 2012, 122, 1354-1367.	8.2	197
2	Resveratrol activates autophagic cell death in prostate cancer cells via downregulation of STIM1 and the mTOR pathway. <i>Molecular Carcinogenesis</i> , 2016, 55, 818-831.	2.7	136
3	Increase in Serum Ca ²⁺ /Mg ²⁺ Ratio Promotes Proliferation of Prostate Cancer Cells by Activating TRPM7 Channels. <i>Journal of Biological Chemistry</i> , 2013, 288, 255-263.	3.4	100
4	Cholesterol-induced activation of TRPM7 regulates cell proliferation, migration, and viability of human prostate cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 1839-1850.	4.1	74
5	TRPM2 Promotes Neurotoxin MPP ⁺ /MPTP-Induced Cell Death. <i>Molecular Neurobiology</i> , 2018, 55, 409-420.	4.0	72
6	Inhibition of L-Type Ca ²⁺ Channels by TRPC1-STIM1 Complex Is Essential for the Protection of Dopaminergic Neurons. <i>Journal of Neuroscience</i> , 2017, 37, 3364-3377.	3.6	69
7	TRPM7 and its role in neurodegenerative diseases. <i>Channels</i> , 2015, 9, 253-261.	2.8	57
8	M1 Macrophage Polarization Is Dependent on TRPC1-Mediated Calcium Entry. <i>IScience</i> , 2018, 8, 85-102.	4.1	50
9	Functional role of TRP channels in modulating ER stress and Autophagy. <i>Cell Calcium</i> , 2016, 60, 123-132.	2.4	49
10	TGF β -induced epithelial-to-mesenchymal transition in prostate cancer cells is mediated via TRPM7 expression. <i>Molecular Carcinogenesis</i> , 2018, 57, 752-761.	2.7	42
11	TRPC1 regulates calcium-activated chloride channels in salivary gland cells. <i>Journal of Cellular Physiology</i> , 2015, 230, 2848-2856.	4.1	41
12	TRPC1-STIM1 activation modulates transforming growth factor β -induced epithelial-to-mesenchymal transition. <i>Oncotarget</i> , 2016, 7, 80554-80567.	1.8	40
13	Physiological Function and Characterization of TRPCs in Neurons. <i>Cells</i> , 2014, 3, 455-475.	4.1	29
14	The TRPC1 Ca ²⁺ -permeable channel inhibits exercise-induced protection against high-fat diet-induced obesity and type II diabetes. <i>Journal of Biological Chemistry</i> , 2017, 292, 20799-20807.	3.4	29
15	Dopaminergic neurotoxins induce cell death by attenuating NF κ B-mediated regulation of TRPC1 expression and autophagy. <i>FASEB Journal</i> , 2018, 32, 1640-1652.	0.5	29
16	Helminth Induced Suppression of Macrophage Activation Is Correlated with Inhibition of Calcium Channel Activity. <i>PLoS ONE</i> , 2014, 9, e101023.	2.5	25
17	TRPC Channels and Parkinson's Disease. <i>Advances in Experimental Medicine and Biology</i> , 2017, 976, 85-94.	1.6	18
18	TRPC1 intensifies house dust mite-induced airway remodeling by facilitating epithelial-to-mesenchymal transition and STAT3/NF κ B signaling. <i>FASEB Journal</i> , 2019, 33, 1074-1085.	0.5	18

#	ARTICLE	IF	CITATIONS
19	MPP+ decreases store-operated calcium entry and TRPC1 expression in Mesenchymal Stem Cell derived dopaminergic neurons. <i>Scientific Reports</i> , 2018, 8, 11715.	3.3	13
20	Ca ²⁺ entry via TRPC1 is essential for cellular differentiation and modulates secretion via the SNARE complex. <i>Journal of Cell Science</i> , 2019, 132, .	2.0	10
21	Sigma1 Receptor Inhibits TRPC1-Mediated Ca ²⁺ Entry That Promotes Dopaminergic Cell Death. <i>Cellular and Molecular Neurobiology</i> , 2021, 41, 1245-1255.	3.3	5
22	Spatial localization of SOCE channels and its modulators regulate neuronal physiology and contributes to pathology. <i>Current Opinion in Physiology</i> , 2020, 17, 50-62.	1.8	4