

Xingjuan Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5927547/publications.pdf>

Version: 2024-02-01

32
papers

840
citations

516710

16
h-index

501196

28
g-index

33
all docs

33
docs citations

33
times ranked

1340
citing authors

#	ARTICLE	IF	CITATIONS
1	Host Calcium Channels and Pumps in Viral Infections. <i>Cells</i> , 2020, 9, 94.	4.1	104
2	Primary cilia signaling mediates intraocular pressure sensation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 12871-12876.	7.1	102
3	EGF enhances the migration of cancer cells by up-regulation of TRPM7. <i>Cell Calcium</i> , 2011, 50, 559-568.	2.4	93
4	Transient Receptor Potential Canonical (TRPC) Channels: Then and Now. <i>Cells</i> , 2020, 9, 1983.	4.1	88
5	Endothelial Cell-Specific Deletion of P2Y ₂ Receptor Promotes Plaque Stability in Atherosclerosis-Susceptible ApoE-Null Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 75-83.	2.4	47
6	Furanocoumarins Are a Novel Class of Modulators for the Transient Receptor Potential Vanilloid Type 1 (TRPV1) Channel. <i>Journal of Biological Chemistry</i> , 2014, 289, 9600-9610.	3.4	37
7	Long-term spironolactone treatment reduces coronary TRPC expression, vasoconstriction, and atherosclerosis in metabolic syndrome pigs. <i>Basic Research in Cardiology</i> , 2017, 112, 54.	5.9	33
8	Hydrogen-rich saline attenuates vascular smooth muscle cell proliferation and neointimal hyperplasia by inhibiting reactive oxygen species production and inactivating the Ras-ERK1/2-MEK1/2 and Akt pathways. <i>International Journal of Molecular Medicine</i> , 2013, 31, 597-606.	4.0	27
9	Molecular Determinants of the Sensitivity to Gq/11-Phospholipase C-dependent Gating, Gd3+ Potentiation, and Ca ²⁺ Permeability in the Transient Receptor Potential Canonical Type 5 (TRPC5) Channel. <i>Journal of Biological Chemistry</i> , 2017, 292, 898-911.	3.4	24
10	Capsaicin and TRPV1 Channels in the Cardiovascular System: The Role of Inflammation. <i>Cells</i> , 2022, 11, 18.	4.1	23
11	The TRPC6 inhibitor, larixyl acetate, is effective in protecting against traumatic brain injury-induced systemic endothelial dysfunction. <i>Journal of Neuroinflammation</i> , 2019, 16, 21.	7.2	22
12	HIV-Nef Protein Transfer to Endothelial Cells Requires Rac1 Activation and Leads to Endothelial Dysfunction Implications for Statin Treatment in HIV Patients. <i>Circulation Research</i> , 2019, 125, 805-820.	4.5	20
13	Small-molecule Ca _v 1 ₁ antagonist suppresses neuronal voltage-gated calcium-channel trafficking. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E10566-E10575.	7.1	19
14	Catechol estrogens stimulate insulin secretion in pancreatic β -cells via activation of the transient receptor potential A1 (TRPA1) channel. <i>Journal of Biological Chemistry</i> , 2019, 294, 2935-5880.	3.4	19
15	Depolarization Increases Phosphatidylinositol (PI) 4,5-Bisphosphate Level and KCNQ Currents through PI 4-Kinase Mechanisms. <i>Journal of Biological Chemistry</i> , 2010, 285, 9402-9409.	3.4	18
16	Activation of KCNQ2/3 Potassium Channels by Novel Pyrazolo[1,5-a]pyrimidin-7(4H)-One Derivatives. <i>Pharmacology</i> , 2011, 87, 297-310.	2.2	18
17	R125H, W240S, C386R, and V507I SLC4A11 mutations associated with corneal endothelial dystrophy affect the transporter function but not trafficking in PS120 cells. <i>Experimental Eye Research</i> , 2019, 180, 86-91.	2.6	18
18	PKC-dependent Phosphorylation of the H1 Histamine Receptor Modulates TRPC6 Activity. <i>Cells</i> , 2014, 3, 247-257.	4.1	15

#	ARTICLE	IF	CITATIONS
19	Mechanisms underlying capsaicin effects in canine coronary artery: implications for coronary spasm. <i>Cardiovascular Research</i> , 2014, 103, 607-618.	3.8	14
20	Novel Roles for Kv7 Channels in Shaping Histamine-Induced Contractions and Bradykinin-Dependent Relaxations in Pig Coronary Arteries. <i>PLoS ONE</i> , 2016, 11, e0148569.	2.5	14
21	Phenylephrine, a common cold remedy active ingredient, suppresses uterine contractions through cAMP signalling. <i>Scientific Reports</i> , 2018, 8, 11666.	3.3	13
22	AT1 Receptors: Their Actions from Hypertension to Cognitive Impairment. <i>Cardiovascular Toxicology</i> , 2022, 22, 311-325.	2.7	13
23	Membrane Depolarization Increases Membrane PtdIns(4,5)P2 Levels through Mechanisms Involving PKC β II and PI4 Kinase. <i>Journal of Biological Chemistry</i> , 2011, 286, 39760-39767.	3.4	12
24	Nafamostat mesylate as a broad-spectrum candidate for the treatment of flavivirus infections by targeting envelope proteins. <i>Antiviral Research</i> , 2022, 202, 105325.	4.1	9
25	Beyond voltage-gated ion channels: Voltage-operated membrane proteins and cellular processes. <i>Journal of Cellular Physiology</i> , 2018, 233, 6377-6385.	4.1	7
26	Long-Term Diabetic Microenvironment Augments the Decay Rate of Capsaicin-Induced Currents in Mouse Dorsal Root Ganglion Neurons. <i>Molecules</i> , 2019, 24, 775.	3.8	7
27	<i>Brevibacterium rongguiense</i> sp. nov., isolated from freshwater sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 5205-5210.	1.7	7
28	Calcium-Permeable Channels and Endothelial Dysfunction in Acute Lung Injury. <i>Current Issues in Molecular Biology</i> , 2022, 44, 2217-2229.	2.4	7
29	Specificity of $G_{i2/3}$ Signaling Depends on $G_{i\pm}$ Subunit Coupling with G-Protein-Sensitive K^{+} Channels. <i>Pharmacology</i> , 2009, 84, 82-90.	2.2	6
30	Azelnidipine Exhibits In Vitro and In Vivo Antiviral Effects against Flavivirus Infections by Targeting the Viral RdRp. <i>Viruses</i> , 2022, 14, 1228.	3.3	3
31	Ex Vivo Method for Assessing the Mouse Reproductive Tract Spontaneous Motility and a MATLAB-based Uterus Motion Tracking Algorithm for Data Analysis. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	1
32	mTBI-Induced Systemic Vascular Dysfunction in a Mouse mTBI Model. <i>Brain Sciences</i> , 2022, 12, 232.	2.3	0