

Xinjiang Cai

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

2,262
citations

257450

24
h-index

243625

44
g-index

51
all docs

51
docs citations

51
times ranked

2546
citing authors

#	ARTICLE	IF	CITATIONS
1	NAADP-binding proteins find their identity. Trends in Biochemical Sciences, 2022, 47, 235-249.	7.5	15
2	Ascending Aortic Pseudoaneurysm: A Rare Complication of Transcatheter Aortic Valve Replacement and Thoracic Surgery. Circulation: Cardiovascular Imaging, 2022, 15, .	2.6	2
3	Pronethalol Reduces Sox2 (SRY [Sex-Determining Region Y]-Box 2) to Ameliorate Vascular Calcification. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 931-933.	2.4	4
4	Shifting osteogenesis in vascular calcification. JCI Insight, 2021, 6, .	5.0	12
5	A plastid two-pore channel essential for inter-organelle communication and growth of Toxoplasma gondii. Nature Communications, 2021, 12, 5802.	12.8	19
6	Pronethalol decreases RBPJ ^{fl} to reduce Sox2 in cerebral arteriovenous malformation. Vascular Medicine, 2020, 25, 569-571.	1.5	2
7	Cardiac sympathetic innervation and arrhythmogenesis. Journal of Physiology, 2019, 597, 4445-4446.	2.9	0
8	RESISTIN AGGRAVATES ATHEROSCLEROSIS IN APOE ^{-/-} MICE AND IS ELEVATED IN HUMAN ATHEROSCLEROTIC LESIONS. Journal of the American College of Cardiology, 2019, 73, 148.	2.8	6
9	Intact parathyroid hormone levels and primary hyperparathyroidism. Endocrine Research, 2017, 42, 1-5.	1.2	6
10	CatSper ¹ regulates the structural continuity of sperm Ca ²⁺ signaling domains and is required for normal fertility. ELife, 2017, 6, .	6.0	131
11	Transient Primary Hyperparathyroidism: A Case Report. AACE Clinical Case Reports, 2016, 2, e182-e185.	1.1	4
12	Impact Of Ethnic Background On Clinical Characteristics And Cardiovascular Risk Factors Among Patients With Primary Hyperparathyroidism. Endocrine Practice, 2016, 22, 323-327.	2.1	10
13	Iodine Deficiency-Induced Goiter in Central New Jersey: A Case Series. AACE Clinical Case Reports, 2015, 1, e40-e44.	1.1	6
14	Evolution of acidic Ca ²⁺ stores and their resident Ca ²⁺ -permeable channels. Cell Calcium, 2015, 57, 222-230.	2.4	74
15	Insights into the early evolution of animal calcium signaling machinery: A unicellular point of view. Cell Calcium, 2015, 57, 166-173.	2.4	54
16	Two-pore channels provide insight into the evolution of voltage-gated Ca ²⁺ and Na ⁺ channels. Science Signaling, 2014, 7, ra109.	3.6	98
17	Regulation of the epithelial Ca ²⁺ channel TRPV5 by reversible histidine phosphorylation mediated by NDPK-B and PHPT1. Molecular Biology of the Cell, 2014, 25, 1244-1250.	2.1	52
18	Early Evolution of the Eukaryotic Ca ²⁺ Signaling Machinery: Conservation of the CatSper Channel Complex. Molecular Biology and Evolution, 2014, 31, 2735-2740.	8.9	44

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19	Phosphatidylinositol-3-Kinase C2B and TRIM27 Function to Positively and Negatively Regulate IGE Receptor Activation of Mast Cells. <i>Biophysical Journal</i> , 2013, 104, 474a.	0.5	0
20	Ancestral Ca ²⁺ Signaling Machinery in Early Animal and Fungal Evolution. <i>Molecular Biology and Evolution</i> , 2012, 29, 91-100.	8.9	89
21	G Protein-Coupled Receptor Kinase-5 Attenuates Atherosclerosis by Regulating Receptor Tyrosine Kinases and 7-Transmembrane Receptors. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 308-316.	2.4	38
22	Evolutionary genomics reveals the premetazoan origin of opposite gating polarity in animal-type voltage-gated ion channels. <i>Genomics</i> , 2012, 99, 241-245.	2.9	18
23	Phosphatidylinositol-3-Kinase C2 β and TRIM27 Function To Positively and Negatively Regulate IgE Receptor Activation of Mast Cells. <i>Molecular and Cellular Biology</i> , 2012, 32, 3132-3139.	2.3	28
24	Ancient Origin of Four-Domain Voltage-gated Na ⁺ Channels Predates the Divergence of Animals and Fungi. <i>Journal of Membrane Biology</i> , 2012, 245, 117-123.	2.1	27
25	P2X receptor homologs in basal fungi. <i>Purinergic Signalling</i> , 2012, 8, 11-13.	2.2	19
26	Tripartite motif containing protein 27 negatively regulates CD4 T cells by ubiquitinating and inhibiting the class II PI3K-C2 β . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 20072-20077.	7.1	57
27	An Ancestral Deuterostome Family of Two-pore Channels Mediates Nicotinic Acid Adenine Dinucleotide Phosphate-dependent Calcium Release from Acidic Organelles. <i>Journal of Biological Chemistry</i> , 2010, 285, 2897-2901.	3.4	112
28	Degeneration of an Intracellular Ion Channel in the Primate Lineage by Relaxation of Selective Constraints. <i>Molecular Biology and Evolution</i> , 2010, 27, 2352-2359.	8.9	56
29	Essential requirement for two-pore channel 1 in NAADP-mediated calcium signaling. <i>Journal of Cell Biology</i> , 2009, 186, 201-209.	5.2	376
30	Reciprocal Regulation of the Platelet-Derived Growth Factor Receptor- β and G Protein-Coupled Receptor Kinase 5 by Cross-Phosphorylation: Effects on Catalysis. <i>Molecular Pharmacology</i> , 2009, 75, 626-636.	2.3	18
31	Subunit stoichiometry and channel pore structure of ion channels: all for one, or one for one?. <i>Journal of Physiology</i> , 2008, 586, 925-926.	2.9	10
32	A new tr(i)p to sense pain: TRPA1 channel as a target for novel analgesics. <i>Expert Review of Neurotherapeutics</i> , 2008, 8, 1675-1681.	2.8	11
33	Unicellular Ca ²⁺ Signaling 'Toolkit' at the Origin of Metazoa. <i>Molecular Biology and Evolution</i> , 2008, 25, 1357-1361.	8.9	85
34	Evolutionary Genomics Reveals Lineage-Specific Gene Loss and Rapid Evolution of a Sperm-Specific Ion Channel Complex: CatSper and CatSper β . <i>PLoS ONE</i> , 2008, 3, e3569.	2.5	92
35	Molecular Mechanisms for Reciprocal Regulation of the PDGF Receptor and G Protein-Coupled Receptor Kinase-5. <i>FASEB Journal</i> , 2008, 22, 1044.8.	0.5	0
36	Molecular Evolution and Structural Analysis of the Ca ²⁺ Release-Activated Ca ²⁺ Channel Subunit, Orai. <i>Journal of Molecular Biology</i> , 2007, 368, 1284-1291.	4.2	58

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37	Molecular Evolution and Functional Divergence of the Ca ²⁺ Sensor Protein in Store-operated Ca ²⁺ Entry: Stromal Interaction Molecule. PLoS ONE, 2007, 2, e609.	2.5	41
38	Molecular Evolution of the Ankyrin Gene Family. Molecular Biology and Evolution, 2006, 23, 550-558.	8.9	35
39	New therapeutic possibilities for vein graft disease in the post-edifoligide era. Future Cardiology, 2006, 2, 493-501.	1.2	10
40	Regulation of the Platelet-derived Growth Factor Receptor- β^2 by G Protein-coupled Receptor Kinase-5 in Vascular Smooth Muscle Cells Involves the Phosphatase Shp2. Journal of Biological Chemistry, 2006, 281, 37758-37772.	3.4	36
41	Regulation of smooth muscle cells in development and vascular disease: current therapeutic strategies. Expert Review of Cardiovascular Therapy, 2006, 4, 789-800.	1.5	43
42	Molecular Cloning of a Sixth Member of the K ⁺ -dependent Na ⁺ /Ca ²⁺ Exchanger Gene Family, NCKX6. Journal of Biological Chemistry, 2004, 279, 5867-5876.	3.4	104
43	The Cation/Ca ²⁺ Exchanger Superfamily: Phylogenetic Analysis and Structural Implications. Molecular Biology and Evolution, 2004, 21, 1692-1703.	8.9	211
44	A Novel Topology and Redox Regulation of the Rat Brain K ⁺ -dependent Na ⁺ /Ca ²⁺ Exchanger, NCKX2. Journal of Biological Chemistry, 2002, 277, 48923-48930.	3.4	26
45	Topological Studies of the Rat Brain K ⁺ -dependent Na ⁺ /Ca ²⁺ Exchanger NCKX2. Annals of the New York Academy of Sciences, 2002, 976, 90-93.	3.8	4
46	Molecular Cloning of a Third Member of the Potassium-dependent Sodium-Calcium Exchanger Gene Family, NCKX3. Journal of Biological Chemistry, 2001, 276, 23161-23172.	3.4	111