

Liying Hao

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

353
citations

840776

11
h-index

888059

17
g-index

31
all docs

31
docs citations

31
times ranked

291
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel coupling process with partial nitrification-anammox and short-cut sulfur autotrophic denitrification in a single reactor for the treatment of high ammonium-containing wastewater. <i>Water Research</i> , 2020, 180, 115813.	11.3	44
2	YTHDF1 promotes breast cancer cell growth, DNA damage repair and chemoresistance. <i>Cell Death and Disease</i> , 2022, 13, 230.	6.3	44
3	Simultaneous shortcut nitrification and denitrification in a hybrid membrane aerated biofilms reactor (H-MBfR) for nitrogen removal from low COD/N wastewater. <i>Water Research</i> , 2022, 211, 118027.	11.3	41
4	Nonylphenol affects myocardial contractility and L-type Ca ²⁺ channel currents in a non-monotonic manner via G protein-coupled receptor 30. <i>Toxicology</i> , 2015, 334, 122-129.	4.2	22
5	Noncoding RNAs in Cardiac Hypertrophy and Heart Failure. <i>Cells</i> , 2022, 11, 777.	4.1	18
6	The Ca ²⁺ -dependent interaction of calpastatin domain L with the C-terminal tail of the Cav1.2 channel. <i>FEBS Letters</i> , 2014, 588, 665-671.	2.8	15
7	The individual N- and C-lobes of calmodulin tether to the Cav1.2 channel and rescue the channel activity from run-down in ventricular myocytes of guinea pig heart. <i>FEBS Letters</i> , 2014, 588, 3855-3861.	2.8	14
8	Mg ²⁺ -dependent facilitation and inactivation of L-type Ca ²⁺ channels in guinea pig ventricular myocytes. <i>Journal of Pharmacological Sciences</i> , 2015, 129, 143-149.	2.5	14
9	PKA phosphorylation of Cav1.2 channel modulates the interaction of calmodulin with the C terminal tail of the channel. <i>Journal of Pharmacological Sciences</i> , 2018, 137, 187-194.	2.5	14
10	A new phosphorylation site in cardiac L-type Ca ²⁺ channels (Cav1.2) responsible for its cAMP-mediated modulation. <i>American Journal of Physiology - Cell Physiology</i> , 2014, 307, C999-C1009.	4.6	13
11	Lobe-related concentration- and Ca ²⁺ -dependent interactions of calmodulin with C- and N-terminal tails of the Cav1.2 channel. <i>Journal of Physiological Sciences</i> , 2013, 63, 345-353.	2.1	12
12	BPA disrupts the cardioprotection by 17 β -oestradiol against ischemia/reperfusion injury in isolated guinea pig hearts. <i>Steroids</i> , 2019, 146, 50-56.	1.8	11
13	Involvement of the Nucleus Accumbens in Chocolate-induced Cataplexy. <i>Scientific Reports</i> , 2020, 10, 4958.	3.3	10
14	A potent antiarrhythmic drug N-methyl berbamine extends the action potential through inhibiting both calcium and potassium currents. <i>Journal of Pharmacological Sciences</i> , 2020, 142, 131-139.	2.5	10
15	Role of protein phosphatases in the run down of guinea pig cardiac Cav1.2 Ca ²⁺ channels. <i>American Journal of Physiology - Cell Physiology</i> , 2016, 310, C773-C779.	4.6	9
16	Bisphenol A Exacerbates Allergic Inflammation in an Ovalbumin-Induced Mouse Model of Allergic Rhinitis. <i>Journal of Immunology Research</i> , 2020, 2020, 1-9.	2.2	8
17	Transient Receptor Potential Ankyrin 1 Mediates Hypoxic Responses in Mice. <i>Frontiers in Physiology</i> , 2020, 11, 576209.	2.8	7
18	Sustained increased CaMKII phosphorylation is involved in the impaired regression of isoproterenol-induced cardiac hypertrophy in rats. <i>Journal of Pharmacological Sciences</i> , 2020, 144, 30-42.	2.5	7

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19	Distinct roles of calmodulin and Ca ²⁺ /calmodulin-dependent protein kinase II in isoproterenol-induced cardiac hypertrophy. <i>Biochemical and Biophysical Research Communications</i> , 2020, 526, 960-966.	2.1	7
20	Electrophysiological effect and the gating mechanism of astragaloside IV on I-type Ca ²⁺ channels of guinea-pig ventricular myocytes. <i>European Journal of Pharmacology</i> , 2015, 760, 27-35.	3.5	6
21	Regulation of the Cav1.2 cardiac channel by redox via modulation of CaM interaction with the channel. <i>Journal of Pharmacological Sciences</i> , 2015, 128, 137-143.	2.5	5
22	The LQT-associated calmodulin mutant E141G induces disturbed Ca ²⁺ -dependent binding and a flickering gating mode of the Ca _V 1.2 channel. <i>American Journal of Physiology - Cell Physiology</i> , 2020, 318, C991-C1004.	4.6	5
23	The CaMKII phosphorylation site Thr1604 in the Ca _V 1.2 channel is involved in pathological myocardial hypertrophy in rats. <i>Channels</i> , 2020, 14, 151-162.	2.8	5
24	Abnormal alterations in the Ca ²⁺ /CaV1.2/calmodulin/caMKII signaling pathway in a tremor rat model and in cultured hippocampal neurons exposed to Mg ²⁺ -free solution. <i>Molecular Medicine Reports</i> , 2015, 12, 6663-6671.	2.4	4
25	The atlas of ACE2 expression in fetal and adult human hearts reveals the potential mechanism of heart-injured patients infected with SARS-CoV-2. <i>American Journal of Physiology - Cell Physiology</i> , 2022, 322, C723-C738.	4.6	4
26	Analysis of Therapeutic Targets of A Novel Peptide Athycaltide-1 in the Treatment of Isoproterenol-Induced Pathological Myocardial Hypertrophy. <i>Cardiovascular Therapeutics</i> , 2022, 2022, 1-13.	2.5	2
27	Calmodulin mutant in central linker reduces the binding affinity with PreIQ and IQ while interacting with CaV1.2 channels. <i>Biochemical and Biophysical Research Communications</i> , 2020, 526, 78-84.	2.1	1
28	Mechanism Investigation of Excess Sludge Disintegration by Stirred Ball Mill—Utilized Transmission Electron Microscope Observation and Peptidoglycan Concentration Determination. <i>Waste and Biomass Valorization</i> , 0, , 1.	3.4	1
29	Molecular cloning and expression of the calmodulin gene from guinea pig hearts. <i>Experimental and Therapeutic Medicine</i> , 2015, 9, 2311-2318.	1.8	0
30	The mechanism underlying the role of CaMKII-mediated phosphorylation of Cav1.2 channel in cardiac hypertrophy and the effects of new-type peptide. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO3-3-15.	0.0	0
31	The reduced contraction capacity of palatopharyngeal muscle in OSAHS is related to the decreased intra-cellular [Ca ²⁺] mediated by low RyR1 and DHPR β 1s expression. <i>Sleep and Breathing</i> , 2022, , 1.	1.7	0