Liying Hao

List of Publications by Year in descending order

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31	353	840776 11	888059 17
papers	citations	h-index	g-index

31	31	31	291
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Simultaneous shortcut nitrification and denitrification in a hybrid membrane aerated biofilms reactor (H-MBfR) for nitrogen removal from low COD/N wastewater. Water Research, 2022, 211, 118027.	11.3	41
2	The reduced contraction capacity of palatopharyngeal muscle in OSAHS is related to the decreased intra-cellular [Ca2+] mediated by low RyR1 and DHPRÎ±1s expression. Sleep and Breathing, 2022, , 1.	1.7	0
3	The atlas of ACE2 expression in fetal and adult human hearts reveals the potential mechanism of heart-injured patients infected with SARS-CoV-2. American Journal of Physiology - Cell Physiology, 2022, 322, C723-C738.	4.6	4
4	Noncoding RNAs in Cardiac Hypertrophy and Heart Failure. Cells, 2022, 11, 777.	4.1	18
5	YTHDF1 promotes breast cancer cell growth, DNA damage repair and chemoresistance. Cell Death and Disease, 2022, 13, 230.	6.3	44
6	Analysis of Therapeutic Targets of A Novel Peptide Athycaltide-1 in the Treatment of Isoproterenol-Induced Pathological Myocardial Hypertrophy. Cardiovascular Therapeutics, 2022, 2022, 1-13.	2.5	2
7	Transient Receptor Potential Ankyrin 1 Mediates Hypoxic Responses in Mice. Frontiers in Physiology, 2020, 11, 576209.	2.8	7
8	Bisphenol A Exacerbates Allergic Inflammation in an Ovalbumin-Induced Mouse Model of Allergic Rhinitis. Journal of Immunology Research, 2020, 2020, 1-9.	2.2	8
9	Calmodulin mutant in central linker reduces the binding affinity with PreIQ and IQ while interacting with CaV1.2 channels. Biochemical and Biophysical Research Communications, 2020, 526, 78-84.	2.1	1
10	The LQT-associated calmodulin mutant E141G induces disturbed Ca²⁺-dependent binding and a flickering gating mode of the Ca_V1.2 channel. American Journal of Physiology - Cell Physiology, 2020, 318, C991-C1004.	4.6	5
11	Involvement of the Nucleus Accumbens in Chocolate-induced Cataplexy. Scientific Reports, 2020, 10, 4958.	3.3	10
12	Sustained increased CaMKII phosphorylation is involved in the impaired regression of isoproterenol-induced cardiac hypertrophy in rats. Journal of Pharmacological Sciences, 2020, 144, 30-42.	2.5	7
13	A potent antiarrhythmic drug N-methyl berbamine extends the action potential through inhibiting both calcium and potassium currents. Journal of Pharmacological Sciences, 2020, 142, 131-139.	2.5	10
14	Distinct roles of calmodulin and Ca2+/calmodulin-dependent protein kinase II in isopreterenol-induced cardiac hypertrophy. Biochemical and Biophysical Research Communications, 2020, 526, 960-966.	2.1	7
15	A novel coupling process with partial nitritation-anammox and short-cut sulfur autotrophic denitrification in a single reactor for the treatment of high ammonium-containing wastewater. Water Research, 2020, 180, 115813.	11.3	44
16	The CaMKII phosphorylation site Thr1604 in the Ca_V1.2 channel is involved in pathological myocardial hypertrophy in rats. Channels, 2020, 14, 151-162.	2.8	5
17	BPA disrupts the cardioprotection by 17Î²-oestradiol against ischemia/reperfusion injury in isolated guinea pig hearts. Steroids, 2019, 146, 50-56.	1.8	11
18	PKA phosphorylation of Cav1.2 channel modulates the interaction of calmodulin with the C terminal tail of the channel. Journal of Pharmacological Sciences, 2018, 137, 187-194.	2.5	14

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19	The mechanism underlying the role of CaMKII-mediated phosphorylation of Cav1.2 channel in cardiac hypertrophy and the effects of new-type peptide. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO3-3-15.	0.0	0
20	Role of protein phosphatases in the run down of guinea pig cardiac Cav1.2 Ca²⁺channels. American Journal of Physiology - Cell Physiology, 2016, 310, C773-C779.	4.6	9
21	Abnormal alterations in the Ca2+/CaV1.2/calmodulin/caMKII signaling pathway in a tremor rat model and in cultured hippocampal neurons exposed to Mg2+-free solution. Molecular Medicine Reports, 2015, 12, 6663-6671.	2.4	4
22	Mg2+-dependent facilitation and inactivation of L-type Ca2+ channels in guinea pig ventricular myocytes. Journal of Pharmacological Sciences, 2015, 129, 143-149.	2.5	14
23	Molecular cloning and expression of the calmodulin gene from guinea pig hearts. Experimental and Therapeutic Medicine, 2015, 9, 2311-2318.	1.8	0
24	Electrophysiological effect and the gating mechanism of astragaloside IV on l-type Ca2+ channels of guinea-pig ventricular myocytes. European Journal of Pharmacology, 2015, 760, 27-35.	3.5	6
25	Regulation of the Cav1.2 cardiac channel by redox via modulation of CaM interaction with the channel. Journal of Pharmacological Sciences, 2015, 128, 137-143.	2.5	5
26	Nonylphenol affects myocardial contractility and L-type Ca2+ channel currents in a non-monotonic manner via G protein-coupled receptor 30. Toxicology, 2015, 334, 122-129.	4.2	22
27	A new phosphorylation site in cardiac L-type Ca2+ channels (Cav1.2) responsible for its cAMP-mediated modulation. American Journal of Physiology - Cell Physiology, 2014, 307, C999-C1009.	4.6	13
28	The Ca²⁺â€dependent interaction of calpastatin domain L with the Câ€terminal tail of the Cav1.2 channel. FEBS Letters, 2014, 588, 665-671.	2.8	15
29	The individual Nâ€and Câ€lobes of calmodulin tether to the Cav1.2 channel and rescue the channel activity from runâ€down in ventricular myocytes of guineaâ€pig heart. FEBS Letters, 2014, 588, 3855-3861.	2.8	14
30	Lobe-related concentration- and Ca2+-dependent interactions of calmodulin with C- and N-terminal tails of the CaV1.2 channel. Journal of Physiological Sciences, 2013, 63, 345-353.	2.1	12
31	Mechanism Investigation of Excess Sludge Disintegration by Stirred Ball Millâ€"Utilized Transmission Electron Microscope Observation and Peptidoglycan Concentration Determination. Waste and Biomass Valorization, 0, , 1.	3.4	1