

Jinsung Kim

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

164
citations

1307594

7
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

217
citing authors

#	ARTICLE	IF	CITATIONS
1	Activation of TRPC4 ^{β2} by G ^{β1} subunit increases Ca ²⁺ selectivity and controls neurite morphogenesis in cultured hippocampal neuron. <i>Cell Calcium</i> , 2013, 54, 307-319.	2.4	35
2	Isoform- and receptor-specific channel property of canonical transient receptor potential (TRPC)1/4 channels. <i>Pflügers Archiv European Journal of Physiology</i> , 2014, 466, 491-504.	2.8	32
3	An essential role of PI(4,5)P ₂ for maintaining the activity of the transient receptor potential canonical (TRPC)4 ^{β2} . <i>Pflügers Archiv European Journal of Physiology</i> , 2013, 465, 1011-1021.	2.8	24
4	Dual action of the G ^{βγ} -PLC ^{β2} -PI(4,5)P ₂ pathway on TRPC1/4 and TRPC1/5 heterotetramers. <i>Scientific Reports</i> , 2018, 8, 12117.	3.3	24
5	TRPC1 as a negative regulator for TRPC4 and TRPC5 channels. <i>Pflügers Archiv European Journal of Physiology</i> , 2019, 471, 1045-1053.	2.8	18
6	Structure-Function Relationship and Physiological Roles of Transient Receptor Potential Canonical (TRPC) 4 and 5 Channels. <i>Cells</i> , 2020, 9, 73.	4.1	10
7	Intracellular spermine blocks TRPC4 channel via electrostatic interaction with C-terminal negative amino acids. <i>Pflügers Archiv European Journal of Physiology</i> , 2016, 468, 551-561.	2.8	8
8	Englerin A-sensing charged residues for transient receptor potential canonical 5 channel activation. <i>Korean Journal of Physiology and Pharmacology</i> , 2019, 23, 191.	1.2	4
9	Analysis of interaction between intracellular spermine and transient receptor potential canonical 4 channel: multiple candidate sites of negatively charged amino acids for the inward rectification of transient receptor potential canonical 4. <i>Korean Journal of Physiology and Pharmacology</i> , 2020, 24, 101.	1.2	4
10	Intramolecular Disulfide Bonds for Biogenesis of CALHM1 Ion Channel Are Dispensable for Voltage-Dependent Activation. <i>Molecules and Cells</i> , 2021, 44, 758-769.	2.6	3