Jongyun Myeong

List of Publications by Year
in descending order

19 papers	402 citations	759233 12 h-index	794594 19 g-index
20 all docs	20 docs citations	20 times ranked	549 citing authors

#	Article	IF	Citations
1	Increased TRPC5 glutathionylation contributes to striatal neuron loss in Huntingtonâ€™s disease. Brain, 2015, 138, 3030-3047.	7.6	83
2	Compartmentalization of phosphatidylinositol 4,5-bisphosphate metabolism into plasma membrane liquid-ordered/raft domains. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	39
3	Isoform- and receptor-specific channel property of canonical transient receptor potential (TRPC)1/4 channels. Pflugers Archiv European Journal of Physiology, 2014, 466, 491-504.	2.8	32
4	The roles of G proteins in the activation of TRPC4 and TRPC5 transient receptor potential channels. Channels, 2012, 6, 333-343.	2.8	31
5	Dual action of the GÎ±q-PLCÎ²-PI(4,5)P2 pathway on TRPC1/4 and TRPC1/5 heterotetramers. Scientific Reports, 2018, 8, 12117.	3.3	24
6	The interaction domains of transient receptor potential canonical (TRPC)1/4 and TRPC1/5 heteromultimeric channels. Biochemical and Biophysical Research Communications, 2016, 474, 476-481.	2.1	22
7	Extracellular disulfide bridges stabilize TRPC5 dimerization, trafficking, and activity. Pflugers Archiv European Journal of Physiology, 2015, 467, 703-712.	2.8	20
8	Differential PI(4,5)P2 sensitivities of TRPC4, C5 homomeric and TRPC1/4, C1/5 heteromeric channels. Scientific Reports, 2019, 9, 1849.	3.3	20
9	Phosphatidylinositol 4,5-bisphosphate is regenerated by speeding of the PI 4-kinase pathway during long PLC activation. Journal of General Physiology, 2020, 152, .	1.9	20
10	TRPC1 as a negative regulator for TRPC4 and TRPC5 channels. Pflugers Archiv European Journal of Physiology, 2019, 471, 1045-1053.	2.8	18
11	Gs cascade regulates canonical transient receptor potential 5 (TRPC5) through cAMP mediated intracellular Ca2+ release and ion channel trafficking. Biochemical and Biophysical Research Communications, 2012, 421, 105-111.	2.1	15
12	GÎ±i-mediated TRPC4 activation by polycystin-1 contributes to endothelial function via STAT1 activation. Scientific Reports, 2018, 8, 3480.	3.3	15
13	Calcium permeability of transient receptor potential canonical (TRPC) 4 channels measured by TRPC4-GCaMP6s. Korean Journal of Physiology and Pharmacology, 2017, 21, 133.	1.2	14
14	Identification of a Membrane-targeting Domain of the Transient Receptor Potential Canonical (TRPC)4 Channel Unrelated to Its Formation of a Tetrameric Structure. Journal of Biological Chemistry, 2014, 289, 34990-35002.	3.4	13
15	Close spatio-association of the transient receptor potential canonical 4 (TRPC4) channel with GÎ±_iin TRPC4 activation process. American Journal of Physiology - Cell Physiology, 2015, 308, C879-C889.	4.6	12
16	Electrophysiological Characteristics of Six Mutations in hClC-1 of Korean Patients with Myotonia Congenita. Molecules and Cells, 2014, 37, 202-212.	2.6	10
17	Identification of phospholipase C Î² downstream effect on transient receptor potential canonical 1/4, transient receptor potential canonical 1/5 channels. Korean Journal of Physiology and Pharmacology, 2019, 23, 357.	1.2	7
18	The Roles of Rasd1 small G proteins and leptin in the activation of TRPC4 transient receptor potential channels. Channels, 2015, 9, 186-195.	2.8	5

#	Article	IF	Citations
19	Helix O modulates voltage dependency of CLC-1. Pflugers Archiv European Journal of Physiology, 2017, 469, 183-193.	2.8	2