

# Chansik Hong

## List of Publications by Year in descending order

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32  
papers

713  
citations

516710

16  
h-index

552781

26  
g-index

34  
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34  
docs citations

34  
times ranked

1087  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hyperpolarization-activated cyclic nucleotide-gated channels working as pacemaker channels in colonic interstitial cells of Cajal. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 364-374.	3.6	4
2	Inhibition of TRPC4 channel activity in colonic myocytes by tricyclic antidepressants disrupts colonic motility causing constipation. <i>Journal of Cellular and Molecular Medicine</i> , 2022, , .	3.6	5
3	A novel modified RANKL variant can prevent osteoporosis by acting as a vaccine and an inhibitor. <i>Clinical and Translational Medicine</i> , 2021, 11, e368.	4.0	14
4	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
5	TRPC5 channel instability induced by depalmitoylation protects striatal neurons against oxidative stress in Huntington's disease. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2020, 1867, 118620.	4.1	21
6	TRP Channels as Emerging Therapeutic Targets for Neurodegenerative Diseases. <i>Frontiers in Physiology</i> , 2020, 11, 238.	2.8	19
7	Contribution of Zinc-Dependent Delayed Calcium Influx via TRPC5 in Oxidative Neuronal Death and its Prevention by Novel TRPC Antagonist. <i>Molecular Neurobiology</i> , 2019, 56, 2822-2835.	4.0	20
8	TRPC1 as a negative regulator for TRPC4 and TRPC5 channels. <i>Pflugers Archiv European Journal of Physiology</i> , 2019, 471, 1045-1053.	2.8	18
9	G $\beta$ 1-mediated TRPC4 activation by polycystin-1 contributes to endothelial function via STAT1 activation. <i>Scientific Reports</i> , 2018, 8, 3480.	3.3	15
10	Effects of Ca <sup>2+</sup> -Activated Cl <sup>-</sup> Channel ANO1 inhibitors on Pacemaker Activity in Interstitial Cells of Cajal. <i>Cellular Physiology and Biochemistry</i> , 2018, 51, 2887-2899.	1.6	8
11	Regulation of Intracellular Calcium by Endoplasmic Reticulum Proteins in Small Intestinal Interstitial Cells of Cajal. <i>Journal of Neurogastroenterology and Motility</i> , 2018, 24, 128-137.	2.4	10
12	Dual action of the G $\beta$ q-PLC $\beta$ 2-PI(4,5)P <sub>2</sub> pathway on TRPC1/4 and TRPC1/5 heterotetramers. <i>Scientific Reports</i> , 2018, 8, 12117.	3.3	24
13	Helix O modulates voltage dependency of CLC-1. <i>Pflugers Archiv European Journal of Physiology</i> , 2017, 469, 183-193.	2.8	2
14	ATP-sensitive K <sup>+</sup> channels maintain resting membrane potential in interstitial cells of Cajal from the mouse colon. <i>European Journal of Pharmacology</i> , 2017, 809, 98-104.	3.5	10
15	<i>GABBR2</i> mutations determine phenotype in rett syndrome and epileptic encephalopathy. <i>Annals of Neurology</i> , 2017, 82, 466-478.	5.3	66
16	Prostanoid EP3 receptor agonist sulprostone enhances pacemaker activity of colonic interstitial cells of Cajal. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2017, 390, 961-969.	3.0	2
17	<i>Scutellaria baicalensis</i> Georgi induces caspase-dependent apoptosis via mitogen activated protein kinase activation and the generation of reactive oxygen species signaling pathways in MCF-7 breast cancer cells. <i>Molecular Medicine Reports</i> , 2017, 16, 2302-2308.	2.4	9
18	The interaction domains of transient receptor potential canonical (TRPC)1/4 and TRPC1/5 heteromultimeric channels. <i>Biochemical and Biophysical Research Communications</i> , 2016, 474, 476-481.	2.1	22

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19	Increased TRPC5 glutathionylation contributes to striatal neuron loss in Huntington's disease. <i>Brain</i> , 2015, 138, 3030-3047.	7.6	83
20	Close spatio-association of the transient receptor potential canonical 4 (TRPC4) channel with $G\beta\gamma$ in TRPC4 activation process. <i>American Journal of Physiology - Cell Physiology</i> , 2015, 308, C879-C889.	4.6	12
21	Extracellular disulfide bridges stabilize TRPC5 dimerization, trafficking, and activity. <i>Pflügers Archiv European Journal of Physiology</i> , 2015, 467, 703-712.	2.8	20
22	Electrophysiological Characteristics of Six Mutations in hClC-1 of Korean Patients with Myotonia Congenita. <i>Molecules and Cells</i> , 2014, 37, 202-212.	2.6	10
23	The Pathophysiologic Roles of TRPM7 Channel. <i>Korean Journal of Physiology and Pharmacology</i> , 2014, 18, 15.	1.2	42
24	Identification of a Membrane-targeting Domain of the Transient Receptor Potential Canonical (TRPC)4 Channel Unrelated to Its Formation of a Tetrameric Structure. <i>Journal of Biological Chemistry</i> , 2014, 289, 34990-35002.	3.4	13
25	Reciprocal positive regulation between TRPV6 and NUMB in PTEN-deficient prostate cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2014, 447, 192-196.	2.1	12
26	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
27	An essential role of PI(4,5)P2 for maintaining the activity of the transient receptor potential canonical (TRPC)4 $\beta$ 2. <i>Pflügers Archiv European Journal of Physiology</i> , 2013, 465, 1011-1021.	2.8	24
28	Selective $G\beta\gamma$ Subunits as Novel Direct Activators of Transient Receptor Potential Canonical (TRPC)4 and TRPC5 Channels. <i>Journal of Biological Chemistry</i> , 2012, 287, 17029-17039.	3.4	85
29	The roles of G proteins in the activation of TRPC4 and TRPC5 transient receptor potential channels. <i>Channels</i> , 2012, 6, 333-343.	2.8	31
30	Dynamic Modulation of the Kv2.1 Channel by Src-Dependent Tyrosine Phosphorylation. <i>Journal of Proteome Research</i> , 2012, 11, 1018-1026.	3.7	25
31	Gs cascade regulates canonical transient receptor potential 5 (TRPC5) through cAMP mediated intracellular $Ca^{2+}$ release and ion channel trafficking. <i>Biochemical and Biophysical Research Communications</i> , 2012, 421, 105-111.	2.1	15
32	Molecular determinants of PKA-dependent inhibition of TRPC5 channel. <i>American Journal of Physiology - Cell Physiology</i> , 2011, 301, C823-C832.	4.6	26