

# Hana Cho

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

1,010  
citations

393982

19  
h-index

476904

29  
g-index

49  
all docs

49  
docs citations

49  
times ranked

1680  
citing authors

#	ARTICLE	IF	CITATIONS
1	PRMT7 ablation in cardiomyocytes causes cardiac hypertrophy and fibrosis through $\beta$ -catenin dysregulation. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 99.	2.4	11
2	Poly-dipeptides produced from <i>C9orf72</i> hexanucleotide repeats cause selective motor neuron hyperexcitability in ALS. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2113813119.	3.3	8
3	Modulation of <i>Kcs</i> channel-PIP <sub>2</sub> interaction by PRMT1 plays a critical role in the control of cardiac repolarization. <i>Journal of Cellular Physiology</i> , 2022, 237, 3069-3079.	2.0	4
4	Calbindin regulates Kv4.1 trafficking and excitability in dentate granule cells via CaMKII-dependent phosphorylation. <i>Experimental and Molecular Medicine</i> , 2021, 53, 1134-1147.	3.2	2
5	PRMT7 methylates and suppresses GLI2 binding to SUFU thereby promoting its activation. <i>Cell Death and Differentiation</i> , 2020, 27, 15-28.	5.0	21
6	Prmt7 promotes myoblast differentiation via methylation of p38MAPK on arginine residue 70. <i>Cell Death and Differentiation</i> , 2020, 27, 573-586.	5.0	24
7	Kv4.1, a Key Ion Channel For Low Frequency Firing of Dentate Granule Cells, Is Crucial for Pattern Separation. <i>Journal of Neuroscience</i> , 2020, 40, 2200-2214.	1.7	20
8	PRMT7 deficiency causes dysregulation of the HCN channels in the CA1 pyramidal cells and impairment of social behaviors. <i>Experimental and Molecular Medicine</i> , 2020, 52, 604-614.	3.2	11
9	Cdo Is Required for Efficient Motor Neuron Generation of Embryonic Stem Cells. <i>International Journal of Stem Cells</i> , 2020, 13, 342-352.	0.8	2
10	Cdo Is Required for Efficient Motor Neuron Generation of Embryonic Stem Cells. <i>International Journal of Stem Cells</i> , 2020, 13, 342-352.	0.8	2
11	The inhibition of chloride intracellular channel 1 enhances Ca <sup>2+</sup> and reactive oxygen species signaling in A549 human lung cancer cells. <i>Experimental and Molecular Medicine</i> , 2019, 51, 1-11.	3.2	13
12	Methylation determines the extracellular calcium sensitivity of the leak channel NALCN in hippocampal dentate granule cells. <i>Experimental and Molecular Medicine</i> , 2019, 51, 1-14.	3.2	13
13	Characterization of a novel LQT3 variant with a selective efficacy of mexiletine treatment. <i>Scientific Reports</i> , 2019, 9, 12997.	1.6	8
14	Effect of Korean Red Ginseng in individuals exposed to high stress levels: a 6-week, double-blind, randomized, placebo-controlled trial. <i>Journal of Ginseng Research</i> , 2019, 43, 402-407.	3.0	19
15	Alcohol-induced disinhibition is associated with impulsivity, depression, and suicide attempt: A nationwide community sample of Korean adults. <i>Journal of Affective Disorders</i> , 2018, 227, 323-329.	2.0	22
16	CREB/CRTC2 controls GLP <sub>1</sub> -dependent regulation of glucose homeostasis. <i>FASEB Journal</i> , 2018, 32, 1566-1578.	0.2	27
17	Estrogen modulates serotonin effects on vasoconstriction through Src inhibition. <i>Experimental and Molecular Medicine</i> , 2018, 50, 1-9.	3.2	13
18	Cardiac specific PRMT1 ablation causes heart failure through CaMKII dysregulation. <i>Nature Communications</i> , 2018, 9, 5107.	5.8	64

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19	Increased adrenocorticotrophic hormone (ACTH) levels predict severity of depression after six months of follow-up in outpatients with major depressive disorder. <i>Psychiatry Research</i> , 2018, 270, 246-252.	1.7	35
20	Anxiety attacks with or without life-threatening situations, major depressive disorder, and suicide attempt: a nationwide community sample of Korean adults. <i>Psychiatry Research</i> , 2018, 270, 257-263.	1.7	5
21	Binge eating, trauma, and suicide attempt in community adults with major depressive disorder. <i>PLoS ONE</i> , 2018, 13, e0198192.	1.1	13
22	Cdon deficiency causes cardiac remodeling through hyperactivation of WNT/ $\beta$ -catenin signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E1345-E1354.	3.3	45
23	Identification of pathogenic variants in genes related to channelopathy and cardiomyopathy in Korean sudden cardiac arrest survivors. <i>Journal of Human Genetics</i> , 2017, 62, 615-620.	1.1	8
24	Caveolar remodeling is a critical mechanotransduction mechanism of the stretch-induced L-type $Ca^{2+}$ channel activation in vascular myocytes. <i>Pflugers Archiv European Journal of Physiology</i> , 2017, 469, 829-842.	1.3	10
25	Reduced orbitofrontal-thalamic functional connectivity related to suicidal ideation in patients with major depressive disorder. <i>Scientific Reports</i> , 2017, 7, 15772.	1.6	83
26	A Sonic hedgehog coreceptor, BOC regulates neuronal differentiation and neurite outgrowth via interaction with ABL and JNK activation. <i>Cellular Signalling</i> , 2017, 30, 30-40.	1.7	22
27	TrpA1 Regulates Defecation of Food-Borne Pathogens under the Control of the Duox Pathway. <i>PLoS Genetics</i> , 2016, 12, e1005773.	1.5	50
28	Nucleophile sensitivity of <i>Drosophila</i> TRPA1 underlies light-induced feeding deterrence. <i>ELife</i> , 2016, 5, .	2.8	29
29	Prmt7 Deficiency Causes Reduced Skeletal Muscle Oxidative Metabolism and Age-Related Obesity. <i>Diabetes</i> , 2016, 65, 1868-1882.	0.3	79
30	Fluid flow facilitates inward rectifier $K^{+}$ current by convectively restoring $[K^{+}]$ at the cell membrane surface. <i>Scientific Reports</i> , 2016, 6, 39585.	1.6	4
31	A Shh coreceptor Cdo is required for efficient cardiomyogenesis of pluripotent stem cells. <i>Journal of Molecular and Cellular Cardiology</i> , 2016, 93, 57-66.	0.9	13
32	Impaired Inactivation of L-Type $Ca^{2+}$ Current as a Potential Mechanism for Variable Arrhythmogenic Liability of HERG $K^{+}$ Channel Blocking Drugs. <i>PLoS ONE</i> , 2016, 11, e0149198.	1.1	11
33	Cdo Regulates Surface Expression of Kir2.1 $K^{+}$ Channel in Myoblast Differentiation. <i>PLoS ONE</i> , 2016, 11, e0158707.	1.1	16
34	Protein arginine methylation facilitates KCNQ channel-PIP2 interaction leading to seizure suppression. <i>ELife</i> , 2016, 5, .	2.8	37
35	Blockade of voltage-gated $K^{+}$ currents in rat mesenteric arterial smooth muscle cells by MK801. <i>Journal of Pharmacological Sciences</i> , 2015, 127, 92-102.	1.1	10
36	Salt-Inducible Kinase 1 Terminates cAMP Signaling by an Evolutionarily Conserved Negative-Feedback Loop in $\beta$ -Cells. <i>Diabetes</i> , 2015, 64, 3189-3202.	0.3	37

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37	Hydrogen peroxide induces vasorelaxation by enhancing 4-aminopyridine-sensitive Kv currents through S-glutathionylation. <i>Pflugers Archiv European Journal of Physiology</i> , 2015, 467, 285-297.	1.3	43
38	Ginseng Gintonin Activates the Human Cardiac Delayed Rectifier K <sup>+</sup> Channel: Involvement of Ca <sup>2+</sup> /Calmodulin Binding Sites. <i>Molecules and Cells</i> , 2014, 37, 656-663.	1.0	18
39	A KCNQ1 mutation causes age-dependant bradycardia and persistent atrial fibrillation. <i>Pflugers Archiv European Journal of Physiology</i> , 2014, 466, 529-540.	1.3	35
40	Balance between the proximal dendritic compartment and the soma determines spontaneous firing rate in midbrain dopamine neurons. <i>Journal of Physiology</i> , 2014, 592, 2829-2844.	1.3	18
41	Serotonin contracts the rat mesenteric artery by inhibiting 4-aminopyridine-sensitive Kv channels via the 5-HT <sub>2A</sub> receptor and Src tyrosine kinase. <i>Experimental and Molecular Medicine</i> , 2013, 45, e67-e67.	3.2	40
42	OskAT2 is the prevailing functional inward rectifier potassium channels in rice guard cell. <i>Plant Signaling and Behavior</i> , 2013, 8, e26643.	1.2	7
43	Basic Science of Cardiac Resynchronization Therapy. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2012, 5, 594-603.	2.1	25
44	Regulation of Adenosine-activated GIRK Channels by Gq-coupled Receptors in Mouse Atrial Myocytes. <i>Korean Journal of Physiology and Pharmacology</i> , 2010, 14, 145.	0.6	6
45	Cholesterol Inhibits M-type K <sup>+</sup> Channels via Protein Kinase C-dependent Phosphorylation in Sympathetic Neurons. <i>Journal of Biological Chemistry</i> , 2010, 285, 10939-10950.	1.6	25
46	The role of free fatty acid receptor pathways in a selective regulation of TRPA1 and TRPV1 by resolvins in primary sensory neurons. <i>Journal of Cellular Physiology</i> , 0, , .	2.0	2