Jin-Sung Choi

List of Publications by Year
in descending order

61 papers	2,576 citations	218592 26 h-index	197736 49 g-index
61 all docs	61 docs citations	61 times ranked	2665 citing authors

#	Article	IF	Citations
1	FBXW7-mediated ERK3 degradation regulates the proliferation of lung cancer cells. Experimental and Molecular Medicine, 2022, 54, 35-46.	3.2	9
2	Mini-review - Sodium channels and beyond in peripheral nerve disease: Modulation by cytokines and their effector protein kinases. Neuroscience Letters, 2021, 741, 135446.	1.0	12
3	Effects of iloperidone on hERG 1A/3.1 heterotetrameric channels. NeuroReport, 2021, Publish Ahead of Print, 1299-1306.	0.6	0
4	Kaempferol sensitizes cell proliferation inhibition in oxaliplatin-resistant colon cancer cells. Archives of Pharmacal Research, 2021, 44, 1091-1108.	2.7	19
5	Norquetiapine blocks the human cardiac sodium channel Nav1.5 in a state-dependent manner. European Journal of Pharmacology, 2020, 885, 173532.	1.7	2
6	Open channel block of Kv1.4 potassium channels by aripiprazole. Korean Journal of Physiology and Pharmacology, 2020, 24, 545-553.	0.6	5
7	Effects of cariprazine on hERG 1A and hERG 1A/3.1 potassium channels. European Journal of Pharmacology, 2019, 854, 92-100.	1.7	8
8	Effects of norquetiapine, the active metabolite of quetiapine, on cloned hERG potassium channels. Neuroscience Letters, 2018, 664, 66-73.	1.0	11
9	Identification and characterization of site-specific N-glycosylation in the potassium channel Kv3.1b. Journal of Cellular Physiology, 2018, 233, 549-558.	2.0	7
10	Differential use-dependent inactivation of Nav1.8 in the subpopulation of cultured dorsal root ganglion. Molecular and Cellular Toxicology, 2018, 14, 409-416.	0.8	0
11	Purification of small moleculeâ€induced cardiomyocytes from human induced pluripotent stem cells using a reporter system. Journal of Cellular Physiology, 2017, 232, 3384-3395.	2.0	10
12	HYP-17, a novel voltage-gated sodium channel blocker, relieves inflammatory and neuropathic pain in rats. Pharmacology Biochemistry and Behavior, 2017, 153, 116-129.	1.3	11
13	Inhibition of cloned hERG potassium channels by risperidone and paliperidone. Naunyn-Schmiedeberg's Archives of Pharmacology, 2017, 390, 633-642.	1.4	8
14	Mechanism of inhibition by chlorpromazine of the human pain threshold sodium channel, Nav1.7. Neuroscience Letters, 2017, 639, 1-7.	1.0	3
15	Activation of intestinal olfactory receptor stimulates glucagon-like peptide-1 secretion in enteroendocrine cells and attenuates hyperglycemia in type 2 diabetic mice. Scientific Reports, 2017, 7, 13978.	1.6	37
16	Acepromazine inhibits hERG potassium ion channels expressed in human embryonic kidney 293 cells. Korean Journal of Physiology and Pharmacology, 2017, 21, 75.	0.6	3
17	Trifluoperazine blocks the human cardiac sodium channel, Na v 1.5, independent of calmodulin. Biochemical and Biophysical Research Communications, 2016, 479, 584-589.	1.0	3
18	Cardiac glycosides display selective efficacy for STK11 mutant lung cancer. Scientific Reports, 2016, 6, 29721.	1.6	27

#	Article	IF	Citations
19	Endoxifen, the active metabolite of tamoxifen, inhibits cloned hERG potassium channels. European Journal of Pharmacology, 2015, 752, 1-7.	1.7	17
20	Mechanism of inhibition by olanzapine of cloned hERG potassium channels. Neuroscience Letters, 2015, 609, 97-102.	1.0	5
21	Effects of donepezil on hERG potassium channels. Brain Research, 2015, 1597, 77-85.	1.1	17
22	Escitalopram block of hERG potassium channels. Naunyn-Schmiedeberg's Archives of Pharmacology, 2014, 387, 23-32.	1.4	36
23	Block of Kv4.3 potassium channel by trifluoperazine independent of CaMKII. Neuroscience Letters, 2014, 578, 159-164.	1.0	2
24	Src regulates membrane trafficking of the Kv3.1b channel. FEBS Letters, 2014, 588, 86-91.	1.3	7
25	Inhibition of Kv4.3 potassium channels by trazodone. Naunyn-Schmiedeberg's Archives of Pharmacology, 2013, 386, 711-719.	1.4	2
26	Effects of fluoxetine on cloned Kv4.3 potassium channels. Brain Research, 2013, 1500, 10-18.	1.1	10
27	HYP-1, a novel diamide compound, relieves inflammatory and neuropathic pain in rats. Pharmacology Biochemistry and Behavior, 2012, 103, 33-42.	1.3	4
28	Duloxetine blocks cloned Kv4.3 potassium channels. Brain Research, 2012, 1466, 15-23.	1.1	8
29	Gain of function Na_V1.7 mutations in idiopathic small fiber neuropathy. Annals of Neurology, 2012, 71, 26-39.	2.8	518
30	Physiological interactions between Na_v1.7 and Na_v1.8 sodium channels: a computer simulation study. Journal of Neurophysiology, 2011, 106, 3173-3184.	0.9	68
31	Coexpression with auxiliary Î² subunits modulates the action of tefluthrin on rat Nav1.6 and Nav1.3 sodium channels. Pesticide Biochemistry and Physiology, 2011, 101, 256-264.	1.6	12
32	Intra- and Interfamily Phenotypic Diversity in Pain Syndromes Associated with a Gain-of-Function Variant of Na_V1.7. Molecular Pain, 2011, 7, 1744-8069-7-92.	1.0	94
33	Paroxysmal extreme pain disorder: a molecular lesion of peripheral neurons. Nature Reviews Neurology, 2011, 7, 51-55.	4.9	57
34	Effects of Ranolazine on Cloned Cardiac Kv4.3 Potassium Channels. Journal of Pharmacology and Experimental Therapeutics, 2011, 339, 952-958.	1.3	5
35	Can robots patch-clamp as well as humans? Characterization of a novel sodium channel mutation. Journal of Physiology, 2010, 588, 1915-1927.	1.3	33
36	ERK1/2 Mitogen-Activated Protein Kinase Phosphorylates Sodium Channel Na_v1.7 and Alters Its Gating Properties. Journal of Neuroscience, 2010, 30, 1637-1647.	1.7	149

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37	Alternative splicing may contribute to time-dependent manifestation of inherited erythromelalgia. Brain, 2010, 133, 1823-1835.	3.7	56
38	Dendritic Spine Remodeling After Spinal Cord Injury Alters Neuronal Signal Processing. Journal of Neurophysiology, 2009, 102, 2396-2409.	0.9	44
39	A sodium channel gene SCN9A polymorphism that increases nociceptor excitability. Annals of Neurology, 2009, 66, 862-866.	2.8	91
40	Transfection of rat or mouse neurons by biolistics or electroporation. Nature Protocols, 2009, 4, 1118-1127.	5.5	110
41	Mexiletine-responsive erythromelalgia due to a new Nav1.7 mutation showing use-dependent current fall-off. Experimental Neurology, 2009, 216, 383-389.	2.0	73
42	Evidence for a separate mechanism of toxicity for the Type I and the Type II pyrethroid insecticides. NeuroToxicology, 2009, 30, S17-S31.	1.4	161
43	Phosphorylation of Sodium Channel Na_v1.8 by p38 Mitogen-Activated Protein Kinase Increases Current Density in Dorsal Root Ganglion Neurons. Journal of Neuroscience, 2008, 28, 3190-3201.	1.7	156
44	Differential Slow Inactivation and Use-Dependent Inhibition of Nav1.8 Channels Contribute to Distinct Firing Properties in IB4+ and IB4â˜’ DRG Neurons. Journal of Neurophysiology, 2007, 97, 1258-1265.	0.9	75
45	Calcineurin-independent inhibition of KV1.3 by FK-506 (tacrolimus): a novel pharmacological property. American Journal of Physiology - Cell Physiology, 2007, 292, C1714-C1722.	2.1	13
46	Calmodulin Regulates Current Density and Frequency-Dependent Inhibition of Sodium Channel Nav1.8 in DRG Neurons. Journal of Neurophysiology, 2006, 96, 97-108.	0.9	44
47	Structureâ€“activity relationships for the action of 11 pyrethroid insecticides on rat Nav1.8 sodium channels expressed in Xenopus oocytes. Toxicology and Applied Pharmacology, 2006, 211, 233-244.	1.3	91
48	Inherited erythermalgia: Limb pain from an S4 charge-neutral Na channelopathy. Neurology, 2006, 67, 1563-1567.	1.5	86
49	Fluoxetine inhibits ATP-induced [Ca] increase in PC12 cells by inhibiting both extracellular Ca influx and Ca release from intracellular stores. Neuropharmacology, 2005, 49, 265-274.	2.0	22
50	Inhibition of the cloned delayed rectifier K+ channels, Kv1.5 and Kv3.1, by riluzole. Neuroscience, 2005, 133, 1007-1019.	1.1	28
51	Fluoxetine inhibits A-type potassium currents in primary cultured rat hippocampal neurons. Brain Research, 2004, 1018, 201-207.	1.1	32
52	Functional role of the C-terminus of voltage-gated sodium channel Nav1.8. FEBS Letters, 2004, 572, 256-260.	1.3	20
53	Cyclosporin A and deltamethrin block the downregulation of Nav1.8 sodium channels expressed in Xenopus oocytes. Neuroscience Letters, 2004, 367, 389-393.	1.0	7
54	Mechanism of block by fluoxetine of 5-hydroxytryptamine3 (5-HT3)-mediated currents in NCB-20 neuroblastoma cells. Biochemical Pharmacology, 2003, 66, 2125-2132.	2.0	39

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55	Fluoxetine blocks cloned neuronal A-type K+ channels Kv1.4. NeuroReport, 2003, 14, 2451-2455.	0.6	20
56	Direct inhibition of the cloned Kv1.5 channel by AG-1478, a tyrosine kinase inhibitor. American Journal of Physiology - Cell Physiology, 2002, 282, C1461-C1468.	2.1	24
57	Effects of norfluoxetine, the major metabolite of fluoxetine, on the cloned neuronal potassium channel Kv3.1. Neuropharmacology, 2001, 41, 443-453.	2.0	38
58	Inhibition of Kv1.3 channels by H-89 (N-[2- (p-bromocinnamylamino)ethyl]-5-isoquinolinesulfonamide) independent of protein kinase A11Abbreviations: AMP-PNP, 5â€²-adenylyl-imidodiphosphate; CHO, Chinese hamster ovary; H-89, N-[2-(p-bromocinnamylamino)ethyl]-5-isoquinolinesulfonamide; PKA, protein kinase A; PKC, protein kinase C; PKI 5-24, protein kinase A inhibitor 5-24; Rp-cAMPS, adenosine 3â€², 5â€²-cyclic phosphorothioate-Rp. Biochemical Pharmacology, 2001, 61, 1029-1032.	2.0	26
59	Effects of (â^’)-epigallocatechin-3-gallate, the main component of green tea, on the cloned rat brain Kv1.5 potassium channels11Abbreviations: rKv1.5, rat brain Kv1.5; EGCG, (â^’)-epigallocatechin-3-gallate; CHO, Chinese hamster ovary; PKC, protein kinase C; PDGF, platelet-derived growth factor; and PTK, protein tyrosine kinase.. Biochemical Pharmacology, 2001, 62, 527-535.	2.0	38
60	Staurosporine directly blocks Kv1.3 channels expressed in Chinese hamster ovary cells. Naunyn-Schmiedeberg's Archives of Pharmacology, 1999, 359, 256-261.	1.4	23
61	Inhibition by fluoxetine of voltage-activated ion channels in rat PC12 cells. European Journal of Pharmacology, 1999, 367, 113-118.	1.7	40