Yan-Ai Mei

List of Publications by Year
in descending order

56	1,086	394421	477307
papers	citations	19 h-index	29 g-index

59	59	59	1554
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Protein Kinase C Controls the Excitability of Cortical Pyramidal Neurons by Regulating Kv2.2 Channel Activity. Neuroscience Bulletin, 2022, 38, 135-148.	2.9	7
2	Neuritin improves the neurological functional recovery after experimental intracerebral hemorrhage in mice. Neurobiology of Disease, 2021, 156, 105407.	4.4	3
3	Cyproheptadine Regulates Pyramidal Neuron Excitability in Mouse Medial Prefrontal Cortex. Neuroscience Bulletin, 2018, 34, 759-768.	2.9	0
4	Functions and the related signaling pathways of the neurotrophic factor neuritin. Acta Pharmacologica Sinica, 2018, 39, 1414-1420.	6.1	23
5	Neuritin promotes neurite and spine growth in rat cerebellar granule cells via Lâ€type calcium channelâ€mediated calcium influx. Journal of Neurochemistry, 2018, 147, 40-57.	3.9	9
6	Neuritin Enhances Synaptic Transmission in Medial Prefrontal Cortex in Mice by Increasing CaV3.3 Surface Expression. Cerebral Cortex, 2017, 27, 3842-3855.	2.9	16
7	Effect of 1.8â€‰GHz radiofrequency electromagnetic radiation on novel object associative recognition memory in mice. Scientific Reports, 2017, 7, 44521.	3.3	25
8	Small-Conductance Ca ²⁺ -Activated Potassium Channels Negatively Regulate Aldosterone Secretion in Human Adrenocortical Cells. Hypertension, 2016, 68, 785-795.	2.7	24
9	Neuritin Up-regulates Kv4.2 Î±-Subunit of Potassium Channel Expression and Affects Neuronal Excitability by Regulating the Calcium-Calcineurin-NFATc4 Signaling Pathway. Journal of Biological Chemistry, 2016, 291, 17369-17381.	3.4	29
10	GDF-15 enhances intracellular Ca2+ by increasing Cav1.3 expression in rat cerebellar granule neurons. Biochemical Journal, 2016, 473, 1895-1904.	3.7	11
11	Extremely Low Frequency Electromagnetic Fields Facilitate Vesicle Endocytosis by Increasing Presynaptic Calcium Channel Expression at a Central Synapse. Scientific Reports, 2016, 6, 21774.	3.3	49
12	Growth differentiation factor-15 promotes glutamate release in medial prefrontal cortex of mice through upregulation of T-type calcium channels. Scientific Reports, 2016, 6, 28653.	3.3	19
13	Flotillin-1 downregulates K+ current by directly coupling with Kv2.1 subunit. Protein and Cell, 2016, 7, 455-460.	11.0	10
14	Exposure to 50ÂHz magnetic field modulates <scp>GABA_A</scp> currents in cerebellar granule neurons through an <scp>EP</scp> receptorâ€mediated <scp>PKC</scp> pathway. Journal of Cellular and Molecular Medicine, 2015, 19, 2413-2422.	3.6	5
15	Neuritin reverses deficits in murine novel object associative recognition memory caused by exposure to extremely low-frequency (50â€‰Hz) electromagnetic fields. Scientific Reports, 2015, 5, 11768.	3.3	31
16	cAMP/PKA Pathways and S56 Phosphorylation Are Involved in AA/PGE2-Induced Increases in rNaV1.4 Current. PLoS ONE, 2015, 10, e0140715.	2.5	4
17	GDF15 regulates Kv2.1-mediated outward K+ current through the Akt/mTOR signalling pathway in rat cerebellar granule cells. Biochemical Journal, 2014, 460, 35-47.	3.7	19
18	Melatonin protects rat cerebellar granule cells against electromagnetic fieldâ€induced increases in Na + currents through intracellular Ca 2+ release. Journal of Cellular and Molecular Medicine, 2014, 18, 1060-1070.	3.6	11

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19	AÎ²40 modulates GABA_A receptor Î±6 subunit expression and rat cerebellar granule neuron maturation through the ERK/<scp>mTOR</scp> pathway. Journal of Neurochemistry, 2014, 128, 350-362.	3.9	15
20	Exposure to extremely low-frequency electromagnetic fields inhibits T-type calcium channels via AA/LTE4 signaling pathway. Cell Calcium, 2014, 55, 48-58.	2.4	36
21	Resveratrol inhibits Kv2.2 currents through the estrogen receptor GPR30-mediated PKC pathway. American Journal of Physiology - Cell Physiology, 2013, 305, C547-C557.	4.6	40
22	Neuregulin-1/ErbB4 signaling regulates Kv4.2-mediated transient outward K⁺ current through the Akt/mTOR pathway. American Journal of Physiology - Cell Physiology, 2013, 305, C197-C206.	4.6	28
23	Exposure to Extremely Low-Frequency Electromagnetic Fields Modulates Na+ Currents in Rat Cerebellar Granule Cells through Increase of AA/PGE2 and EP Receptor-Mediated cAMP/PKA Pathway. PLoS ONE, 2013, 8, e54376.	2.5	39
24	Neuritin Activates Insulin Receptor Pathway to Up-regulate Kv4.2-mediated Transient Outward K+ Current in Rat Cerebellar Granule Neurons. Journal of Biological Chemistry, 2012, 287, 41534-41545.	3.4	41
25	Hydrogen peroxide enhanced Ca2+-activated BK currents and promoted cell injury in human dermal fibroblasts. Life Sciences, 2012, 90, 424-431.	4.3	10
26	Sigma-1 Receptor Agonists Directly Inhibit NaV1.2/1.4 Channels. PLoS ONE, 2012, 7, e49384.	2.5	19
27	Cholesterol enhances neuron susceptibility to apoptotic stimuli via cAMP/PKA/CREBâ€dependent upâ€regulation of Kv2.1. Journal of Neurochemistry, 2012, 120, 502-514.	3.9	21
28	Targeting A-type K+ channels in primary sensory neurons for bone cancer pain in a rat model. Pain, 2012, 153, 562-574.	4.2	62
29	TGFâ€Î²1 enhances Kv2.1 potassium channel protein expression and promotes maturation of cerebellar granule neurons. Journal of Cellular Physiology, 2012, 227, 297-307.	4.1	18
30	The antidepressant citalopram inhibits delayed rectifier outward K⁺current in mouse cortical neurons. Journal of Neuroscience Research, 2012, 90, 324-336.	2.9	11
31	Cyproheptadine Enhances the IK of Mouse Cortical Neurons through Sigma-1 Receptor-Mediated Intracellular Signal Pathway. PLoS ONE, 2012, 7, e41303.	2.5	11
32	Arachidonic acid modulates Na+ currents by non-metabolic and metabolic pathways in rat cerebellar granule cells. Biochemical Journal, 2011, 438, 203-215.	3.7	18
33	Brain natriuretic peptide modulates the delayed rectifier outward K⁺ current and promotes the proliferation of mouse schwann cells. Journal of Cellular Physiology, 2011, 226, 440-449.	4.1	2
34	Amoxapine Inhibits the Delayed Rectifier Outward K⁺ Current in Mouse Cortical Neurons via cAMP/Protein Kinase A Pathways. Journal of Pharmacology and Experimental Therapeutics, 2010, 332, 437-445.	2.5	14
35	Bradykinin inhibits the transient outward K+ current in mouse Schwann cells via the cAMP/PKA pathway. American Journal of Physiology - Cell Physiology, 2009, 296, C1364-C1372.	4.6	8
36	Modulation of muscle rNa_v1.4 Na⁺ channel isoform by arachidonic acid and its nonâ€metabolized analog. Journal of Cellular Physiology, 2009, 219, 173-182.	4.1	7

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37	K⁺ channels and the cAMPâ€“PKA pathway modulate TGFâ€Î²1â€induced migration of rat vascular myofibroblasts. Journal of Cellular Physiology, 2008, 216, 835-843.	4.1	10
38	Kv 1.1 is associated with neuronal apoptosis and modulated by protein kinase C in the rat cerebellar granule cell. Journal of Neurochemistry, 2008, 106, 1125-1137.	3.9	32
39	PLCâ€dependent intracellular Ca²⁺ release was associated with C₆â€ceramideâ€induced inhibition of Na⁺ current in rat granule cells. Journal of Neurochemistry, 2008, 106, 2463-2475.	3.9	7
40	Mefenamic acid bi-directionally modulates the transient outward K+ current in rat cerebellar granule cells. Toxicology and Applied Pharmacology, 2008, 226, 225-235.	2.8	6
41	Flufenamic Acid Bi-Directionally Modulates the Transient Outward K+ Current in Rat Cerebellar Granule Cells. Journal of Pharmacology and Experimental Therapeutics, 2007, 322, 195-204.	2.5	9
42	C6-ceramide inhibited Na+ currents by intracellular Ca2+ release in rat myoblasts. Journal of Cellular Physiology, 2007, 213, 151-160.	4.1	8
43	cAMP/protein kinase A signalling pathway protects against neuronal apoptosis and is associated with modulation ofKv2.1in cerebellar granule cells. Journal of Neurochemistry, 2007, 100, 979-991.	3.9	35
44	Delayed rectifier outward K+ current mediates the migration of rat cerebellar granule cells stimulated by melatonin. Journal of Neurochemistry, 2007, 102, 333-344.	3.9	37
45	The non-steroidal anti-inflammatory drug, diclofenac, inhibits Na+ current in rat myoblasts. Biochemical and Biophysical Research Communications, 2006, 346, 1275-1283.	2.1	19
46	4-Aminopyridine, a Kv channel antagonist, prevents apoptosis of rat cerebellar granule neurons. Neuropharmacology, 2006, 51, 737-746.	4.1	44
47	2-Iodomelatonin prevents apoptosis of cerebellar granule neurons via inhibition of A-type transient outward K+ currents. Journal of Pineal Research, 2005, 38, 53-61.	7.4	30
48	Inhibition of Na+ channel currents in rat myoblasts by 4-aminopyridine. Toxicology and Applied Pharmacology, 2005, 207, 275-282.	2.8	6
49	Elevation of intracellular Ca2+ modulates A-currents in rat cerebellar granule neurons. Journal of Neuroscience Research, 2005, 81, 530-540.	2.9	11
50	PKC pathway associated with the expression of an A-type K+ channel induced by TGF-Î²1 in rat vascular myofibroblasts. Biochemical and Biophysical Research Communications, 2005, 336, 854-859.	2.1	5
51	Diclofenac, a nonsteroidal anti-inflammatory drug, activates the transient outward K+ current in rat cerebellar granule cells. Neuropharmacology, 2005, 48, 918-926.	4.1	32
52	Melatonin receptor agonist 2-iodomelatonin prevents apoptosis of cerebellar granule neurons via K+ current inhibition. Journal of Pineal Research, 2004, 36, 109-116.	7.4	39
53	ET-1 inhibits B-16 murine melanoma cell migration by decreasing K+ currents. Cytoskeleton, 2004, 58, 127-136.	4.4	15
54	Luzindole, a melatonin receptor antagonist, inhibits the transient outward K+ current in rat cerebellar granule cells. Brain Research, 2003, 970, 169-177.	2.2	12

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55	TGF-Î²1 induces the expression of fast inactivating K+ (IA) channels in rat vascular myofibroblasts. Biochemical and Biophysical Research Communications, 2003, 301, 17-23.	2.1	6
56	Activation of melatonin receptor increases a delayed rectifier K+ current in rat cerebellar granule cells. Brain Research, 2001, 917, 182-190.	2.2	28