Sheng-Nan Wu

List of Publications by Year
in descending order

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235 papers	4,605 citations	117625 34 h-index	214800 47 g-index
235 all docs	235 docs citations	235 times ranked	4067 citing authors

#	Article	IF	Citations
1	Berberine activates Nrf2 nuclear translocation and protects against oxidative damage via a phosphatidylinositol 3-kinase/Akt-dependent mechanism in NSC34 motor neuron-like cells. European Journal of Pharmaceutical Sciences, 2012, 46, 415-425.	4.0	124
2	Evidence for the stimulatory effect of resveratrol on Ca2+-activated K+ current in vascular endothelial cells. Cardiovascular Research, 2000, 45, 1035-1045.	3.8	109
3	Large-Conductance Ca2+-Activated K+ Channels:Physiological Role and Pharmacology. Current Medicinal Chemistry, 2003, 10, 649-661.	2.4	104
4	Defined MicroRNAs Induce Aspects of Maturation in Mouse and Human Embryonic-Stem-Cell-Derived Cardiomyocytes. Cell Reports, 2015, 12, 1960-1967.	6.4	77
5	Synthesis and Cytotoxicity Evaluation of Some 8-Hydroxyquinoline Derivatives. Journal of Pharmacy and Pharmacology, 2010, 51, 543-548.	2.4	70
6	Mechanism of lanthanum inhibition of extracellular ATP-evoked calcium mobilization in MDCK cells. Life Sciences, 1998, 62, 533-540.	4.3	68
7	Dexmedetomidine, an Î±2-adrenergic agonist, inhibits neuronal delayed-rectifier potassium current and sodium current. British Journal of Anaesthesia, 2009, 103, 244-254.	3.4	66
8	Bradykinin-evoked Ca2+ mobilization in Madin Darby canine kidney cells. European Journal of Pharmacology, 1998, 355, 219-233.	3.5	63
9	Glucose and hippocampal neuronal excitability: Role of ATP-sensitive potassium channels. Journal of Neuroscience Research, 2007, 85, 1468-1477.	2.9	61
10	Underlying mechanism of actions of tefluthrin, a pyrethroid insecticide, on voltage-gated ion currents and on action currents in pituitary tumor (GH3) cells and GnRH-secreting (GT1-7) neurons. Toxicology, 2009, 258, 70-77.	4.2	59
11	Endothelin-1 and Vasopressin Activate Ca2+-permeable Non-selective Cation Channels in Aortic Smooth Muscle Cells: Mechanism of Receptor-mediated Ca2+Influx. Journal of Molecular and Cellular Cardiology, 1996, 28, 707-722.	1.9	52
12	Inhibition of Ca2+-activated K+ current by clotrimazole in rat anterior pituitary GH3 cells. Neuropharmacology, 1999, 38, 979-989.	4.1	52
13	WWOX Phosphorylation, Signaling, and Role in Neurodegeneration. Frontiers in Neuroscience, 2018, 12, 563.	2.8	52
14	Diabetic hyperglycemia is associated with the severity of epileptic seizures in adults. Epilepsy Research, 2008, 79, 71-77.	1.6	51
15	Riluzole-induced block of voltage-gated Na+ current and activation of BKCa channels in cultured differentiated human skeletal muscle cells. Life Sciences, 2008, 82, 11-20.	4.3	50
16	Mechanism of rise and decay of thapsigargin-evoked calcium signals in MDCK cells. Life Sciences, 1998, 64, 259-267.	4.3	49
17	Contribution of BKCa-Channel Activity in Human Cardiac Fibroblasts to Electrical Coupling of Cardiomyocytes-Fibroblasts. Journal of Membrane Biology, 2006, 213, 175-185.	2.1	49
18	The phospholipase C inhibitor U73122 increases cytosolic calcium in MDCK cells by activating calcium influx and releasing stored calcium. Life Sciences, 1998, 63, 895-908.	4.3	47

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19	Inhibitory effects of berberine on voltage- and calcium-activated potassium currents in human myeloma cells. Life Sciences, 1998, 62, 2283-2294.	4.3	43
20	Characterizing the effects of Eugenol on neuronal ionic currents and hyperexcitability. Psychopharmacology, 2012, 221, 575-587.	3.1	42
21	Characterization of Inhibition by Risperidone of the Inwardly Rectifying K+ Current in Pituitary GH3 Cells. Neuropsychopharmacology, 2000, 23, 676-689.	5.4	41
22	Electrophysiological mechanisms of ventricular arrhythmias in relation to Andersen-Tawil syndrome under conditions of reduced IK1: a simulation study. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 291, H2597-H2605.	3.2	41
23	Differential effects of quercetin, a natural polyphenolic flavonoid, on L-Type calcium current in pituitary tumor (GH3) cells and neuronal NG108-15 cells. Journal of Cellular Physiology, 2003, 195, 298-308.	4.1	39
24	The actions of mdivi-1, an inhibitor of mitochondrial fission, on rapidly activating delayed-rectifier K+ current and membrane potential in HL-1 murine atrial cardiomyocytes. European Journal of Pharmacology, 2012, 683, 1-9.	3.5	39
25	Effects of Ranolazine, a Novel Anti-anginal Drug, on Ion Currents and Membrane Potential in Pituitary Tumor GH3 Cells and NG108-15 Neuronal Cells. Journal of Pharmacological Sciences, 2009, 110, 295-305.	2.5	38
26	Cloning and functional expression of B chains of Î²-bungarotoxins from Bungarus multicinctus (Taiwan banded krait). Biochemical Journal, 1998, 334, 87-92.	3.7	37
27	The synergistic inhibitory actions of oxcarbazepine on voltage-gated sodium and potassium currents in differentiated NG108-15 neuronal cells and model neurons. International Journal of Neuropsychopharmacology, 2008, 11, 597-610.	2.1	37
28	The mechanism of the actions of oxaliplatin on ion currents and action potentials in differentiated NG108-15 neuronal cells. NeuroToxicology, 2009, 30, 677-685.	3.0	37
29	Stimulatory actions of a novel thiourea derivative on largeâ€conductance, calciumâ€activated potassium channels. Journal of Cellular Physiology, 2017, 232, 3409-3421.	4.1	37
30	Stimulatory effects of chlorzoxazone, a centrally acting muscle relaxant, on large conductance calcium-activated potassium channels in pituitary GH3 cells. Brain Research, 2003, 959, 86-97.	2.2	36
31	Cilostazol, an Inhibitor of Type 3 Phosphodiesterase, Stimulates Large-Conductance, Calcium-Activated Potassium Channels in Pituitary GH₃Cells and Pheochromocytoma PC12 Cells. Endocrinology, 2004, 145, 1175-1184.	2.8	36
32	Correlation of hepatocyte growth factor-induced proliferation and calcium-activated potassium current in human gastric cancer cells. Biochimica Et Biophysica Acta - Biomembranes, 1998, 1368, 256-266.	2.6	35
33	Multiple effects of econazole on calcium signaling: depletion of thapsigargin-sensitive calcium store, activation of extracellular calcium influx, and inhibition of capacitative calcium entry. Biochimica Et Biophysica Acta - Molecular Cell Research, 1999, 1448, 533-542.	4.1	35
34	Biological study of naphthalene derivatives with antiinflammatory activities. Drug Development Research, 2003, 60, 261-269.	2.9	35
35	The Inhibition of Inwardly Rectifying K⁺Channels by Memantine in Macrophages and Microglial Cells. Cellular Physiology and Biochemistry, 2013, 31, 938-951.	1.6	35
36	Stimulation of the BKCa channel in cultured smooth muscle cells of human trachea by magnolol. Thorax, 2002, 57, 67-74.	5.6	34

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37	Block of L-Type Ca2+Current by Beauvericin, a Toxic Cyclopeptide, in the NG108-15 Neuronal Cell Line. Chemical Research in Toxicology, 2002, 15, 854-860.	3.3	34
38	Estrogen ameliorates microglial activation by inhibiting the Kir2.1 inward-rectifier K+ channel. Scientific Reports, 2016, 6, 22864.	3.3	34
39	Rutaecarpine-induced block of delayed rectifier K+ current in NG108-15 neuronal cells. Neuropharmacology, 2001, 41, 834-843.	4.1	32
40	Inhibitory Effect of Lamotrigine on A-type Potassium Current in Hippocampal Neuron-Derived H19-7 Cells. Epilepsia, 2004, 45, 729-736.	5.1	32
41	Stimulatory Actions of Caffeic Acid Phenethyl Ester, a Known Inhibitor of NF-Î¹B Activation, on Ca2+-activated K+ Current in Pituitary GH3 Cells. Journal of Biological Chemistry, 2004, 279, 26885-26892.	3.4	32
42	Volume-sensitive chloride channels in the primary culture cells of human cervical carcinoma. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 1996, 1315, 138-144.	3.8	31
43	The Opening Effect of Pregabalin on ATP-Sensitive Potassium Channels in Differentiated Hippocampal Neuron-derived H19-7 Cells. Epilepsia, 2006, 47, 720-726.	5.1	31
44	Activation by Zonisamide, a Newer Antiepileptic Drug, of Large-Conductance Calcium-Activated Potassium Channel in Differentiated Hippocampal Neuron-Derived H19-7 Cells. Journal of Pharmacology and Experimental Therapeutics, 2007, 321, 98-106.	2.5	31
45	Ability of naringenin, a bioflavonoid, to activate M-type potassium current in motor neuron-like cells and to increase BKCa-channel activity in HEK293T cells transfected with Î±-hSlo subunit. BMC Neuroscience, 2014, 15, 135.	1.9	31
46	Differential regulation of tefluthrin and telmisartan on the gating charges of INa activation and inactivation as well as on resurgent and persistent INa in a pituitary cell line (GH3). Toxicology Letters, 2018, 285, 104-112.	0.8	31
47	Characterization of ATP-Sensitive Potassium Channels Functionally Expressed in Pituitary GH 3 Cells. Journal of Membrane Biology, 2000, 178, 205-214.	2.1	30
48	Changes in membrane cholesterol of pituitary tumor (GH3) cells regulate the activity of large-conductance Ca2+-activated K+ channels. Chinese Journal of Physiology, 2006, 49, 1-13.	1.0	30
49	Mechanism of Inhibitory Actions of Oxidizing Agents on Calcium-Activated Potassium Current in Cultured Pigment Epithelial Cells of the Human Retina. , 2003, 44, 1237.		29
50	Potent stimulation of large-conductance Ca2+-activated K+ channels by rottlerin, an inhibitor of protein kinase C-Î´, in pituitary tumor (GH3) cells and in cortical neuronal (HCN-1A) cells. Journal of Cellular Physiology, 2007, 210, 655-666.	4.1	29
51	Characterization of aconitine-induced block of delayed rectifier K+ current in differentiated NG108-15 neuronal cells. Neuropharmacology, 2008, 54, 912-923.	4.1	29
52	Diabetic Hyperglycemia Aggravates Seizures and Status Epilepticus-induced Hippocampal Damage. Neurotoxicity Research, 2009, 15, 71-81.	2.7	29
53	IDENTIFICATION OF ADENOSINE RECEPTORS IN HUMAN SPERMATOZOA. Clinical and Experimental Pharmacology and Physiology, 1993, 20, 527-534.	1.9	28
54	Inhibitory effect of the plant-extract osthole on L-type calcium current in NG108-15 neuronal cells. Biochemical Pharmacology, 2002, 63, 199-206.	4.4	28

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55	Tramadol-induced blockade of delayed rectifier potassium current in NG108-15 neuronal cells. European Journal of Pain, 2006, 10, 597-597.	2.8	28
56	Tramadol-induced block of hyperpolarization-activated cation current in rat pituitary lactotrophs. Naunyn-Schmiedeberg's Archives of Pharmacology, 2009, 379, 127-135.	3.0	28
57	Evidence for Inhibitory Effects of Flupirtine, a Centrally Acting Analgesic, on Delayed Rectifier K⁺Currents in Motor Neuron-Like Cells. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-10.	1.2	28
58	Gastrodin alleviates seizure severity and neuronal excitotoxicities in the rat lithium-pilocarpine model of temporal lobe epilepsy via enhancing GABAergic transmission. Journal of Ethnopharmacology, 2021, 269, 113751.	4.1	28
59	Actions of epoxyeicosatrienoic acid on large-conductance Ca2+-activated K+ channels in pituitary GH3 cells. Biochemical Pharmacology, 2000, 60, 251-262.	4.4	27
60	Ceramide Inhibits the Inwardly Rectifying Potassium Current in GH3 Lactotrophs. Endocrinology, 2001, 142, 4785-4794.	2.8	27
61	Behavior of Nonselective Cation Channels and Largeâ€Conductance Ca 2+ â€Activated K + Channels Induced by Dynamic Changes in Membrane Stretch in Cultured Smooth Muscle Cells of Human Coronary Artery. Journal of Cardiovascular Electrophysiology, 2003, 14, 44-51.	1.7	27
62	The Antioxidant, Anti-Inflammatory, and Neuroprotective Properties of the Synthetic Chalcone Derivative AN07. Molecules, 2020, 25, 2907.	3.8	27
63	Regulation of Ca2+-activated nonselective cationic currents in rat pituitary GH3 cells: involvement in L-type Ca2+ current. Brain Research, 1998, 812, 133-141.	2.2	26
64	Pharmacological Roles of the Large-Conductance Calcium-Activated Potassium Channel. Current Topics in Medicinal Chemistry, 2006, 6, 1025-1030.	2.1	26
65	Time-Dependent Block of Ultrarapid-Delayed Rectifier K+ Currents by Aconitine, a Potent Cardiotoxin, in Heart-Derived H9c2 Myoblasts and in Neonatal Rat Ventricular Myocytes. Toxicological Sciences, 2008, 106, 454-463.	3.1	26
66	Adenosine Stimulates Human Sperm Motility via A2 Receptors. Journal of Pharmacy and Pharmacology, 2011, 45, 650-653.	2.4	26
67	Characterization of TRPM8-Like Channels Activated by the Cooling Agent Icilin in the Macrophage Cell Line RAW 264.7. Journal of Membrane Biology, 2011, 241, 11-20.	2.1	26
68	Concerted suppression of Ih and activation of IK(M) by ivabradine, an HCN-channel inhibitor, in pituitary cells and hippocampal neurons. Brain Research Bulletin, 2019, 149, 11-20.	3.0	26
69	Fenamates Stimulate BKCa Channel Activity in the Human Osteoblast-Like MG-63 Cells. Journal of Investigative Medicine, 2001, 49, 522-533.	1.6	25
70	Inhibitory action of methadone and its metabolites on erg-mediated K+ current in GH3 pituitary tumor cells. Toxicology, 2011, 280, 1-9.	4.2	25
71	Vinpocetine-induced stimulation of calcium-activated potassium currents in rat pituitary GH3 cells. Biochemical Pharmacology, 2001, 61, 877-892.	4.4	24
72	Block of erg current by linoleoylamide, a sleep-inducing agent, in pituitary GH3 cells. European Journal of Pharmacology, 2003, 458, 37-47.	3.5	24

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73	Glucocorticoids stimulate the activity of large-conductance Ca2+-activated K+ channels in pituitary GH3 and AtT-20 cells via a non-genomic mechanism. Steroids, 2006, 71, 129-140.	1.8	24
74	Inhibition of Large-Conductance Calcium-Activated Potassium Channel by 2-Methoxyestradiol in Cultured Vascular Endothelial (HUV-EC-C) Cells. Journal of Membrane Biology, 2001, 182, 203-212.	2.1	23
75	The Protective Role of Peroxisome Proliferator-Activated Receptor-Gamma in Seizure and Neuronal Excitotoxicity. Molecular Neurobiology, 2019, 56, 5497-5506.	4.0	23
76	Activation of Muscarinic K+ Channels by Extracellular ATP and UTP in Rat Atrial Myocytes. Journal of Cardiovascular Pharmacology, 1998, 31, 203-211.	1.9	23
77	The inhibition by di(2-ethylhexyl)-phthalate of erg-mediated K+ current in pituitary tumor (GH3) cells. Archives of Toxicology, 2012, 86, 713-723.	4.2	22
78	Evidence for the Effectiveness of Remdesivir (GS-5734), a Nucleoside-Analog Antiviral Drug in the Inhibition of IK(M) or IK(DR) and in the Stimulation of IMEP. Frontiers in Pharmacology, 2020, 11, 1091.	3.5	22
79	Inhibitory action of ICI-182,780, an estrogen receptor antagonist, on BKCa channel activity in cultured endothelial cells of human coronary artery. Biochemical Pharmacology, 2003, 66, 2053-2063.	4.4	21
80	Resveratrol attenuates cortical neuron activity: roles of large conductance calcium-activated potassium channels and voltage-gated sodium channels. Journal of Biomedical Science, 2016, 23, 47.	7.0	21
81	Mechanism of rise and decay of 2,5-di-tert-butylhydroquinone-induced Ca2+ signals in Madin Darby canine kidney cells. European Journal of Pharmacology, 1999, 365, 111-117.	3.5	20
82	Stimulation of Large-Conductance Ca2+-Activated K+Channels by Evans Blue in Cultured Endothelial Cells of Human Umbilical Veins. Biochemical and Biophysical Research Communications, 1999, 254, 666-674.	2.1	20
83	Cocaineâ€Induced Inhibition of ATPâ€Sensitive K⁺ Channels in Rat Ventricular Myocytes and in Heartâ€Derived H9c2 Cells. Basic and Clinical Pharmacology and Toxicology, 2006, 98, 510-517.	2.5	20
84	Diethyl pyrocarbonate, a histidine-modifying agent, directly stimulates activity of ATP-sensitive potassium channels in pituitary GH3 cells. Biochemical Pharmacology, 2006, 71, 615-623.	4.4	20
85	Diosgenin, a Plant-Derived Sapogenin, Stimulates Ca2+-Activated K+Current in Human Cortical HCN-1A Neuronal Cells. Planta Medica, 2006, 72, 430-436.	1.3	20
86	Analytical studies of rapidly inactivating and noninactivating sodium currents in differentiated NG108-15 neuronal cells. Journal of Theoretical Biology, 2009, 259, 828-836.	1.7	20
87	Actions of KMUPâ€1, a xanthine and piperazine derivative, on voltageâ€gated Na⁺ and Ca²⁺â€activated K⁺ currents in GH₃ pituitary tumour cells. British Journal of Pharmacology, 2015, 172, 5110-5122.	5.4	20
88	Evidence for the Inhibition by Temozolomide, an Imidazotetrazine Family Alkylator, of Intermediate-Conductance Ca2+-Activated K+ Channels in Glioma Cells. Cellular Physiology and Biochemistry, 2016, 38, 1727-1742.	1.6	20
89	Multiple Actions of Rotenone, an Inhibitor of Mitochondrial Respiratory Chain, on Ionic Currents and Miniature End-Plate Potential in Mouse Hippocampal (mHippoE-14) Neurons. Cellular Physiology and Biochemistry, 2018, 47, 330-343.	1.6	20
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91	Identification of two types of ATP-sensitive K+ channels in rat ventricular myocytes. Life Sciences, 2007, 80, 378-387.	4.3	19
92	Diazoxide Reduces Status Epilepticus Neuron Damage in Diabetes. Neurotoxicity Research, 2010, 17, 305-316.	2.7	19
93	Evidence for activation of BKCa channels by a known inhibitor of focal adhesion kinase, PF573228. Life Sciences, 2011, 89, 691-701.	4.3	19
94	Electrophysiological characterization of sodiumâ€activated potassium channels in <scp>NG</scp>108â€15 and <scp>NSC</scp>â€34 motor neuronâ€like cells. Acta Physiologica, 2012, 206, 120-134.	3.8	19
95	The Novel Direct Modulatory Effects of Perampanel, an Antagonist of AMPA Receptors, on Voltage-Gated Sodium and M-type Potassium Currents. Biomolecules, 2019, 9, 638.	4.0	19
96	Characterization of Direct Perturbations on Voltage-Gated Sodium Current by Esaxerenone, a Nonsteroidal Mineralocorticoid Receptor Blocker. Biomedicines, 2021, 9, 549.	3.2	19
97	Characterization of action potential waveform-evoked L-type calcium currents in pituitary GH 3 cells. Pflugers Archiv European Journal of Physiology, 2001, 442, 547-557.	2.8	18
98	Inhibition of Ca2+-activated and voltage-dependent K+ currents by 2-mercaptophenyl-1,4-naphthoquinone in pituitary GH3 cells Contribution to its antiproliferative effect. Life Sciences, 2002, 70, 1185-1203.	4.3	18
99	Stimulatory Effects of Squamocin, an Annonaceous Acetogenin, on Ca2+-Activated K+ Current in Cultured Smooth Muscle Cells of Human Coronary Artery. Chemical Research in Toxicology, 2003, 16, 15-22.	3.3	18
100	The activation by estrogen receptor agonists of the BKCa-channel in human cardiac fibroblasts. Biochemical Pharmacology, 2007, 73, 1347-1357.	4.4	18
101	Activation of voltageâ€gated sodium current and inhibition of ergâ€mediated potassium current caused by telmisartan, an antagonist of angiotensin II typeâ€1 receptor, in HLâ€1 atrial cardiomyocytes. Clinical and Experimental Pharmacology and Physiology, 2018, 45, 797-807.	1.9	18
102	Evidence of Decreased Activity in Intermediate-Conductance Calcium-Activated Potassium Channels During Retinoic Acidâ€"Induced Differentiation in Motor Neuronâ€"Like NSC-34 Cells. Cellular Physiology and Biochemistry, 2018, 48, 2374-2388.	1.6	18
103	Ionic mechanisms of tetrandrine in cultured rat aortic smooth muscle cells. European Journal of Pharmacology, 1997, 327, 233-238.	3.5	17
104	Î²-Adrenergic modulation of arrhythmogenesis and identification of targeted sites of antiarrhythmic therapy in Timothy (LQT8) syndrome: a theoretical study. American Journal of Physiology - Heart and Circulatory Physiology, 2010, 298, H33-H44.	3.2	17
105	Defective trafficking of Kv2.1 channels in MPTPâ€induced nigrostriatal degeneration. Journal of Neurochemistry, 2018, 144, 483-497.	3.9	17
106	Effect of arvanil (N-arachidonoyl-vanillyl-amine), a nonpungent anandamideâ€"capsaicin hybrid, on ion currents in NG108-15 neuronal cells. Biochemical Pharmacology, 2003, 65, 581-591.	4.4	16
107	Potent Activation of Large-Conductance Ca²⁺-Activated K⁺ Channels by the Diphenylurea 1,3-Bis-[2-hydroxy-5-(trifluoromethyl)phenyl]urea (NS1643) in Pituitary Tumor (GH₃) Cells. Molecular Pharmacology, 2008, 74, 1696-1704.	2.3	16
108	Sodium Metabisulfite: Effects on Ionic Currents and Excitotoxicity. Neurotoxicity Research, 2018, 34, 1-15.	2.7	16

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109	The comprehensive electrophysiological study of curcuminoids on delayed-rectifier K + currents in insulin-secreting cells. European Journal of Pharmacology, 2018, 819, 233-241.	3.5	16
110	Evidence for Effective Multiple K+-Current Inhibitions by Tolvaptan, a Non-peptide Antagonist of Vasopressin V2 Receptor. Frontiers in Pharmacology, 2019, 10, 76.	3.5	16
111	An Outbreak of Foodâ€borne Illness Due to Methomyl Contamination. Journal of Toxicology: Clinical Toxicology, 2003, 41, 969-973.	1.5	15
112	The Mechanism of Inhibitory Actions of S-Petasin, a Sesquiterpene ofPetasites formosanus, on L-Type Calcium Current in NG108-15 Neuronal Cells. Planta Medica, 2003, 69, 118-124.	1.3	15
113	Properties of BK_{Ca} Channels in Oral Keratinocytes. Journal of Dental Research, 2005, 84, 468-473.	5.2	15
114	Pioglitazone, a PPAR-Î³ Activator, Stimulates BKCa but Suppresses IKM in Hippocampal Neurons. Frontiers in Pharmacology, 2018, 9, 977.	3.5	15
115	Contribution of slowly inactivating potassium current to delayed firing of action potentials in NG108-15 neuronal cells: Experimental and theoretical studies. Journal of Theoretical Biology, 2008, 252, 711-721.	1.7	14
116	The effects of magnetite (Fe3O4) nanoparticles on electroporation-induced inward currents in pituitary tumor (GH3) cells and in RAW 264.7 macrophages. International Journal of Nanomedicine, 2012, 7, 1687.	6.7	14
117	The Inhibition by Oxaliplatin, a Platinum-Based Anti-Neoplastic Agent, of the Activity of Intermediate-Conductance Ca2+-Activated K+ Channels in Human Glioma Cells. Cellular Physiology and Biochemistry, 2015, 37, 1390-1406.	1.6	14
118	The inhibitory actions by lacosamide, a functionalized amino acid, on voltage-gated Na+ currents. Neuroscience, 2015, 287, 125-136.	2.3	14
119	Arecoline inhibits intermediate-conductance calcium-activated potassium channels in human glioblastoma cell lines. European Journal of Pharmacology, 2015, 758, 177-187.	3.5	14
120	The Novel Effect of Immunomodulator-Glatiramer Acetate on Epileptogenesis and Epileptic Seizures. Cellular Physiology and Biochemistry, 2018, 50, 150-168.	1.6	14
121	Telmisartan, an Antagonist of Angiotensin II Receptors, Accentuates Voltage-Gated Na+ Currents and Hippocampal Neuronal Excitability. Frontiers in Neuroscience, 2020, 14, 902.	2.8	14
122	Characterization of Convergent Suppression by UCL-2077 (3-(Triphenylmethylaminomethyl)pyridine), Known to Inhibit Slow Afterhyperpolarization, of erg-Mediated Potassium Currents and Intermediate-Conductance Calcium-Activated Potassium Channels. International Journal of Molecular Sciences, 2020, 21, 1441.	4.1	14
123	The characteristics in the inhibitory effects of capsaicin on voltage-dependent K+ currents in rat atrial myocytes. Environmental Toxicology and Pharmacology, 1996, 2, 39-47.	4.0	13
124	Analytical Studies of Spontaneous and Vasopressin-Induced Calcium Oscillations in Cultured Vascular Smooth Muscle Cells. Journal of Biochemistry, 1996, 119, 42-48.	1.7	13
125	Quantitative analysis of endâ€tidal carbon dioxide during mechanical and spontaneous ventilation in infants and young children. Pediatric Pulmonology, 2001, 32, 453-458.	2.0	13
126	Inhibitory effect of memantine, an NMDA-receptor antagonist, on electoporation-induced inward currents in pituitary GH3 cells. Biochemical and Biophysical Research Communications, 2011, 405, 508-513.	2.1	13

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127	Evidence for aconitine-induced inhibition of delayed rectifier K+ current in Jurkat T-lymphocytes. Toxicology, 2011, 289, 11-18.	4.2	13
128	Pregabalin Attenuates Excitotoxicity in Diabetes. PLoS ONE, 2013, 8, e65154.	2.5	13
129	Bisoprolol, Known to Be a Selective Î²1-Receptor Antagonist, Differentially but Directly Suppresses IK(M) and IK(erg) in Pituitary Cells and Hippocampal Neurons. International Journal of Molecular Sciences, 2019, 20, 657.	4.1	13
130	Efficient Cardiac Differentiation of Human Amniotic Fluid-Derived Stem Cells into Induced Pluripotent Stem Cells and Their Potential Immune Privilege. International Journal of Molecular Sciences, 2020, 21, 2359.	4.1	13
131	Characterization in Dual Activation by Oxaliplatin, a Platinum-Based Chemotherapeutic Agent of Hyperpolarization-Activated Cation and Electroporation-Induced Currents. International Journal of Molecular Sciences, 2020, 21, 396.	4.1	13
132	Effect of capsaicin on membrane currents in cultured vascular smooth muscle cells of rat aorta. European Journal of Pharmacology - Environmental Toxicology and Pharmacology Section, 1995, 292, 321-328.	0.8	12
133	The ether lipid ET-18-OCH3 increases cytosolic Ca2+ concentrations in Madin Darby canine kidney cells. British Journal of Pharmacology, 1999, 127, 1502-1510.	5.4	12
134	Parecoxib, a selective blocker of cyclooxygenase-2, directly inhibits neuronal delayed-rectifier K+ current, M-type K+ current and Na+ current. European Journal of Pharmacology, 2019, 844, 95-101.	3.5	12
135	Characterization of the Inhibitory Effect of Gastrodigenin and Gastrodin on M-type K+ Currents in Pituitary Cells and Hippocampal Neurons. International Journal of Molecular Sciences, 2020, 21, 117.	4.1	12
136	Inhibitory Effective Perturbations of Cilobradine (DK-AH269), A Blocker of HCN Channels, on the Amplitude and Gating of Both Hyperpolarization-Activated Cation and Delayed-Rectifier Potassium Currents. International Journal of Molecular Sciences, 2020, 21, 2416.	4.1	12
137	The Integrated Effects of Brivaracetam, a Selective Analog of Levetiracetam, on Ionic Currents and Neuronal Excitability. Biomedicines, 2021, 9, 369.	3.2	12
138	Effective Perturbations on the Amplitude and Hysteresis of Erg-Mediated Potassium Current Caused by 1-Octylnonyl 8-[(2-hydroxyethyl)[6-oxo-6(undecyloxy)hexyl]amino]-octanoate (SM-102), a Cationic Lipid. Biomedicines, 2021, 9, 1367.	3.2	12
139	Immunity, Ion Channels and Epilepsy. International Journal of Molecular Sciences, 2022, 23, 6446.	4.1	12
140	Induction of Ca2+ Oscillations by Vasopressin in the Presence of Tetraethylammonium Chloride in Cultured Vascular Smooth Muscle Cells. Journal of Biochemistry, 1995, 117, 309-314.	1.7	11
141	Selective block by glyceryl nonivamide of inwardly rectifying K+ current in rat anterior pituitary GH3 cells. Life Sciences, 1998, 63, PL281-PL288.	4.3	11
142	Stretch-Stimulated Activity of Large Conductance Calcium-Activated Potassium Channels in Human Retinal Pigment Epithelial Cells. Journal of Ocular Pharmacology and Therapeutics, 2005, 21, 429-435.	1.4	11
143	Characterization of chromanol 293B-induced block of the delayed-rectifier K+ current in heart-derived H9c2 cells. Life Sciences, 2005, 76, 2275-2286.	4.3	11
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