

Sheng-Nan Wu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Evidence for Inhibitory Perturbations on the Amplitude, Gating, and Hysteresis of A-Type Potassium Current, Produced by Lacosamide, a Functionalized Amino Acid with Anticonvulsant Properties. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1171.	1.8	2
2	Dynamic Changes in miR-21 Regulate Right Ventricular Dysfunction in Congenital Heart Disease-Related Pulmonary Arterial Hypertension. <i>Cells</i> , 2022, 11, 564.	1.8	4
3	Zingerone Modulates Neuronal Voltage-Gated Na ⁺ and L-Type Ca ²⁺ Currents. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3123.	1.8	6
4	The Evidence for Effective Inhibition of I _{Na} Produced by Mirogabalin ((1R,5S,6S)-6-(aminomethyl)-3-ethyl-bicyclo [3.2.0] hept-3-ene-6-acetic acid), a Known Blocker of Ca _v Channels. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3845.	1.8	9
5	The Effectiveness of Isoplumbagin and Plumbagin in Regulating Amplitude, Gating Kinetics, and Voltage-Dependent Hysteresis of erg-mediated K ⁺ Currents. <i>Biomedicines</i> , 2022, 10, 780.	1.4	4
6	Activation of Voltage-Gated Na ⁺ Current by GV-58, a Known Activator of Ca _v Channels. <i>Biomedicines</i> , 2022, 10, 721.	1.4	4
7	The Evidence for Sparsentan-Mediated Inhibition of I _{Na} and I _{K(erg)} : Possibly Unlinked to Its Antagonism of Angiotensin II or Endothelin Type a Receptor. <i>Biomedicines</i> , 2022, 10, 86.	1.4	10
8	Inhibitory Effectiveness in Delayed-Rectifier Potassium Current Caused by Vortioxetine, Known to Be a Novel Antidepressant. <i>Biomedicines</i> , 2022, 10, 1318.	1.4	3
9	Immunity, Ion Channels and Epilepsy. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6446.	1.8	12
10	Characterization of Inhibitory Capability on Hyperpolarization-Activated Cation Current Caused by Lutein (Î ² ,Î ¹ -Carotene-3,3-â ² -Diol), a Dietary Xanthophyll Carotenoid. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7186.	1.8	5
11	Evidence for Dual Activation of I _{K(M)} and I _{K(Ca)} Caused by QO-58 (5-(2,6-Dichloro-5-fluoropyridin-3-yl)-3-phenyl-2-(trifluoromethyl)-1H-pyrazolol[1,5-a]pyrimidin-7-one). <i>International Journal of Molecular Sciences</i> , 2022, 23, 7042.	1.8	2
12	Characterization in Inhibitory Effectiveness of Carbamazepine in Voltage-Gated Na ⁺ and Erg-Mediated K ⁺ Currents in a Mouse Neural Crest-Derived (Neuro-2a) Cell Line. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7892.	1.8	7
13	Depressive effectiveness of vigabatrin (Î ³ -vinyl-GABA), an antiepileptic drug, in intermediate-conductance calcium-activated potassium channels in human glioma cells. <i>BMC Pharmacology & Toxicology</i> , 2021, 22, 6.	1.0	6
14	MST3 Involvement in Na ⁺ and K ⁺ Homeostasis with Increasing Dietary Potassium Intake. <i>International Journal of Molecular Sciences</i> , 2021, 22, 999.	1.8	5
15	Effectiveness of Columbianadin, a Bioactive Coumarin Derivative, in Perturbing Transient and Persistent I _{Na} . <i>International Journal of Molecular Sciences</i> , 2021, 22, 621.	1.8	11
16	Effective Activation by Kynurenic Acid and Its Aminoalkylated Derivatives on M-Type K ⁺ Current. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1300.	1.8	7
17	Permissive Modulation of Sphingosine-1-Phosphate-Enhanced Intracellular Calcium on BKCa Channel of Chromaffin Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2175.	1.8	3
18	Editorial to the Special Issue "Electrophysiology". <i>International Journal of Molecular Sciences</i> , 2021, 22, 2956.	1.8	7

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19	Gastrodin alleviates seizure severity and neuronal excitotoxicities in the rat lithium-pilocarpine model of temporal lobe epilepsy via enhancing GABAergic transmission. <i>Journal of Ethnopharmacology</i> , 2021, 269, 113751.	2.0	28
20	The Integrated Effects of Brivaracetam, a Selective Analog of Levetiracetam, on Ionic Currents and Neuronal Excitability. <i>Biomedicines</i> , 2021, 9, 369.	1.4	12
21	Effective Activation of BKCa Channels by QO-40 (5-(Chloromethyl)-3-(Naphthalen-1-yl)-2-(Trifluoromethyl)Pyrazolo [1,5-a]pyrimidin-7(4H)-one), Known to Be an Opener of KCNQ2/Q3 Channels. <i>Pharmaceuticals</i> , 2021, 14, 388.	1.7	2
22	Characterization of Direct Perturbations on Voltage-Gated Sodium Current by Esaxerenone, a Nonsteroidal Mineralocorticoid Receptor Blocker. <i>Biomedicines</i> , 2021, 9, 549.	1.4	19
23	Effective Perturbations of the Amplitude, Gating, and Hysteresis of IK(DR) Caused by PT-2385, an HIF-2 α Inhibitor. <i>Membranes</i> , 2021, 11, 636.	1.4	5
24	Effective Accentuation of Voltage-Gated Sodium Current Caused by Apocynin (4-hydroxy-3-methoxyacetophenone), a Known NADPH-Oxidase Inhibitor. <i>Biomedicines</i> , 2021, 9, 1146.	1.4	8
25	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. <i>Biomedicines</i> , 2021, 9, 1367.	1.4	12
26	Cilostazol eliminates radiation-resistant glioblastoma by re-evoking big conductance calcium-activated potassium channel activity. <i>American Journal of Cancer Research</i> , 2021, 11, 1148-1169.	1.4	1
27	The Effectiveness in Activating M-Type K ⁺ Current Produced by Solifenacin ([[(3R)-1-azabicyclo[2.2.2]octan-3-yl] (1S)-1-phenyl-3,4-dihydro-1H-isoquinoline-2-carboxylate): Independent of Its Antimuscarinic Action. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12399.	1.8	2
28	Characterization of the Inhibitory Effect of Gastrodigenin and Gastrodin on M-type K ⁺ Currents in Pituitary Cells and Hippocampal Neurons. <i>International Journal of Molecular Sciences</i> , 2020, 21, 117.	1.8	12
29	Actions of FTY720 (Fingolimod), a Sphingosine-1-Phosphate Receptor Modulator, on Delayed-Rectifier K ⁺ Current and Intermediate-Conductance Ca ²⁺ -Activated K ⁺ Channel in Jurkat T-Lymphocytes. <i>Molecules</i> , 2020, 25, 4525.	1.7	3
30	Effects of Sesamin, the Major Furofuran Lignan of Sesame Oil, on the Amplitude and Gating of Voltage-Gated Na ⁺ and K ⁺ Currents. <i>Molecules</i> , 2020, 25, 3062.	1.7	10
31	Inhibitory Effectiveness of Gomisins A, a Dibenzocyclooctadiene Lignan Isolated from <i>Schizandra chinensis</i> , on the Amplitude and Gating of Voltage-Gated Na ⁺ Current. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8816.	1.8	3
32	Effectiveness in Block by Dexmedetomidine of Hyperpolarization-Activated Cation Current, Independent of Its Agonistic Effect on β -2-Adrenergic Receptors. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9110.	1.8	11
33	The Specific Effects of OD-1, a Peptide Activator, on Voltage-Gated Sodium Current and Seizure Susceptibility. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8254.	1.8	10
34	Telmisartan, an Antagonist of Angiotensin II Receptors, Accentuates Voltage-Gated Na ⁺ Currents and Hippocampal Neuronal Excitability. <i>Frontiers in Neuroscience</i> , 2020, 14, 902.	1.4	14
35	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. <i>Frontiers in Pharmacology</i> , 2020, 11, 1091.	1.6	22
36	High ability of zileuton ((\pm)-1-(1-benzo[b]thien-2-ylethyl)-1-hydroxyurea) to stimulate IK(Ca) but suppress IK(DR) and IK(M) independently of 5-lipoxygenase inhibition. <i>European Journal of Pharmacology</i> , 2020, 887, 173482.	1.7	2

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37	High Capability of Pentagalloylglucose (PGG) in Inhibiting Multiple Types of Membrane Ionic Currents. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9369.	1.8	2
38	Characterization of the Synergistic Inhibition of IK(erg) and IK(DR) by Ribociclib, a Cyclin-Dependent Kinase 4/6 Inhibitor. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8078.	1.8	8
39	Glibenclamide restores dopaminergic reward circuitry in obese mice through interscapular brown adipose tissue. <i>Psychoneuroendocrinology</i> , 2020, 118, 104712.	1.3	5
40	Effective block by pirfenidone, an antifibrotic pyridone compound (5-methyl-1-phenylpyridin-2[H-1]-one), on hyperpolarization-activated cation current: An additional but distinctive target. <i>European Journal of Pharmacology</i> , 2020, 882, 173237.	1.7	4
41	Efficient Cardiac Differentiation of Human Amniotic Fluid-Derived Stem Cells into Induced Pluripotent Stem Cells and Their Potential Immune Privilege. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2359.	1.8	13
42	Differential Inhibitory Actions of Multitargeted Tyrosine Kinase Inhibitors on Different Ionic Current Types in Cardiomyocytes. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1672.	1.8	6
43	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. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1441.	1.8	14
44	The Antioxidant, Anti-Inflammatory, and Neuroprotective Properties of the Synthetic Chalcone Derivative AN07. <i>Molecules</i> , 2020, 25, 2907.	1.7	27
45	Effectiveness in the Block by Honokiol, a Dimerized Allylphenol from <i>Magnolia officinalis</i> , of Hyperpolarization-Activated Cation Current and Delayed-Rectifier K ⁺ Current. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4260.	1.8	8
46	High Efficacy by GAL-021: A Known Intravenous Peripheral Chemoreceptor Modulator that Suppresses BKCa-Channel Activity and Inhibits IK(M) or Ih. <i>Biomolecules</i> , 2020, 10, 188.	1.8	5
47	Characterization of Inhibitory Effectiveness in Hyperpolarization-Activated Cation Currents by a Group of ent-Kaurane-Type Diterpenoids from <i>Croton tonkinensis</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 1268.	1.8	5
48	Characterization of Effectiveness in Concerted Ih Inhibition and IK(Ca) Stimulation by Pterostilbene (Trans-3,5-dimethoxy-4-hydroxystilbene), a Stilbenoid. <i>International Journal of Molecular Sciences</i> , 2020, 21, 357.	1.8	6
49	Characterization in Dual Activation by Oxaliplatin, a Platinum-Based Chemotherapeutic Agent of Hyperpolarization-Activated Cation and Electroporation-Induced Currents. <i>International Journal of Molecular Sciences</i> , 2020, 21, 396.	1.8	13
50	Effectiveness in the inhibition of dapagliflozin and canagliflozin on M-type K ⁺ current and Î±-methylglucoside-induced current in pituitary tumor (GH3) and pheochromocytoma PC12 cells. <i>European Journal of Pharmacology</i> , 2020, 879, 173141.	1.7	4
51	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. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2416.	1.8	12
52	Effectiveness of nalbuphine, a Î²-opioid receptor agonist and Î¼-opioid receptor antagonist, in the inhibition of INa, IK(M), and IK(erg) unlinked to interaction with opioid receptors. <i>Drug Development Research</i> , 2019, 80, 846-856.	1.4	5
53	Characterization of Perturbing Actions by Verteporfin, a Benzoporphyrin Photosensitizer, on Membrane Ionic Currents. <i>Frontiers in Chemistry</i> , 2019, 7, 566.	1.8	10
54	High Effectiveness in Actions of Carfilzomib on Delayed-Rectifier K ⁺ Current and on Spontaneous Action Potentials. <i>Frontiers in Pharmacology</i> , 2019, 10, 1163.	1.6	5

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55	The Novel Direct Modulatory Effects of Perampanel, an Antagonist of AMPA Receptors, on Voltage-Gated Sodium and M-type Potassium Currents. <i>Biomolecules</i> , 2019, 9, 638.	1.8	19
56	The Protective Role of Peroxisome Proliferator-Activated Receptor-Gamma in Seizure and Neuronal Excitotoxicity. <i>Molecular Neurobiology</i> , 2019, 56, 5497-5506.	1.9	23
57	Differential suppression of delayed-rectifier and inwardly rectifier K ⁺ currents by a group of ent-kaurane-type diterpenoids from <i>Croton tonkinensis</i> , in microglial cells. <i>European Journal of Pharmacology</i> , 2019, 856, 172414.	1.7	2
58	Evidence for Effective Multiple K ⁺ -Current Inhibitions by Tolvaptan, a Non-peptide Antagonist of Vasopressin V2 Receptor. <i>Frontiers in Pharmacology</i> , 2019, 10, 76.	1.6	16
59	MST3 is involved in ENaC-mediated hypertension. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 317, F30-F42.	1.3	7
60	The biochemical and electrophysiological profiles of amniotic fluid-derived stem cells following Wnt signaling modulation cardiac differentiation. <i>Cell Death Discovery</i> , 2019, 5, 59.	2.0	9
61	Bisoprolol, Known to Be a Selective β_1 -Receptor Antagonist, Differentially but Directly Suppresses IK(M) and IK(erg) in Pituitary Cells and Hippocampal Neurons. <i>International Journal of Molecular Sciences</i> , 2019, 20, 657.	1.8	13
62	Concerted suppression of Ih and activation of IK(M) by ivabradine, an HCN-channel inhibitor, in pituitary cells and hippocampal neurons. <i>Brain Research Bulletin</i> , 2019, 149, 11-20.	1.4	26
63	Evidence for Effective Inhibitory Actions on Hyperpolarization-Activated Cation Current Caused by Ganoderma Triterpenoids, the Main Active Constituents of Ganoderma Spores. <i>Molecules</i> , 2019, 24, 4256.	1.7	9
64	Evidence for the Capability of Roxadustat (FG-4592), an Oral HIF Prolyl-Hydroxylase Inhibitor, to Perturb Membrane Ionic Currents: An Unidentified yet Important Action. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6027.	1.8	10
65	Parecoxib, a selective blocker of cyclooxygenase-2, directly inhibits neuronal delayed-rectifier K ⁺ current, M-type K ⁺ current and Na ⁺ current. <i>European Journal of Pharmacology</i> , 2019, 844, 95-101.	1.7	12
66	Multiple regulatory actions of 2-guanidine-4-methylquinazoline (GMQ), an agonist of acid-sensing ion channel type 3, on ionic currents in pituitary GH 3 cells and in olfactory sensory (Rolf B1.T) neurons. <i>Biochemical Pharmacology</i> , 2018, 151, 79-88.	2.0	9
67	Activation of voltage-gated sodium current and inhibition of <i>i</i> -erg</i>-mediated potassium current caused by telmisartan, an antagonist of angiotensin II type-1 receptor, in HL-1 atrial cardiomyocytes. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2018, 45, 797-807.	0.9	18
68	Sodium Metabisulfite: Effects on Ionic Currents and Excitotoxicity. <i>Neurotoxicity Research</i> , 2018, 34, 1-15.	1.3	16
69	Defective trafficking of Kv2.1 channels in MPTP-induced nigrostriatal degeneration. <i>Journal of Neurochemistry</i> , 2018, 144, 483-497.	2.1	17
70	The comprehensive electrophysiological study of curcuminoids on delayed-rectifier K ⁺ currents in insulin-secreting cells. <i>European Journal of Pharmacology</i> , 2018, 819, 233-241.	1.7	16
71	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). <i>Toxicology Letters</i> , 2018, 285, 104-112.	0.4	31
72	Huntington Mice Demonstrate Diminished Pain Response in Inflammatory Pain Model. <i>Anesthesia and Analgesia</i> , 2018, 126, 661-669.	1.1	8

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73	The Novel Effect of Immunomodulator-Glatiramer Acetate on Epileptogenesis and Epileptic Seizures. <i>Cellular Physiology and Biochemistry</i> , 2018, 50, 150-168.	1.1	14
74	WVOX Phosphorylation, Signaling, and Role in Neurodegeneration. <i>Frontiers in Neuroscience</i> , 2018, 12, 563.	1.4	52
75	Pioglitazone, a PPAR- β Activator, Stimulates BKCa but Suppresses IKM in Hippocampal Neurons. <i>Frontiers in Pharmacology</i> , 2018, 9, 977.	1.6	15
76	Evidence of Decreased Activity in Intermediate-Conductance Calcium-Activated Potassium Channels During Retinoic Acid-Induced Differentiation in Motor Neuron-Like NSC-34 Cells. <i>Cellular Physiology and Biochemistry</i> , 2018, 48, 2374-2388.	1.1	18
77	Multiple Actions of Rotenone, an Inhibitor of Mitochondrial Respiratory Chain, on Ionic Currents and Miniature End-Plate Potential in Mouse Hippocampal (mHippoE-14) Neurons. <i>Cellular Physiology and Biochemistry</i> , 2018, 47, 330-343.	1.1	20
78	Stimulatory Action of Telmisartan, an Antagonist of Angiotensin II Receptor, on Voltage-Gated Na ⁺ Current: Experimental and Theoretical Studies. <i>Chinese Journal of Physiology</i> , 2018, 61, 1-13.	0.4	3
79	Stimulatory actions of a novel thiourea derivative on large-conductance, calcium-activated potassium channels. <i>Journal of Cellular Physiology</i> , 2017, 232, 3409-3421.	2.0	37
80	Important modifications by sugammadex, a modified β -cyclodextrin, of ion currents in differentiated NSC-34 neuronal cells. <i>BMC Neuroscience</i> , 2017, 18, 6.	0.8	10
81	Synergistic Inhibition of Delayed Rectifier K ⁺ and Voltage-Gated Na ⁺ Currents by Artemisinin in Pituitary Tumor (GH3) Cells. <i>Cellular Physiology and Biochemistry</i> , 2017, 41, 2053-2066.	1.1	8
82	Estrogen ameliorates microglial activation by inhibiting the Kir2.1 inward-rectifier K ⁺ channel. <i>Scientific Reports</i> , 2016, 6, 22864.	1.6	34
83	Resveratrol attenuates cortical neuron activity: roles of large conductance calcium-activated potassium channels and voltage-gated sodium channels. <i>Journal of Biomedical Science</i> , 2016, 23, 47.	2.6	21
84	Evidence for the Inhibition by Temozolomide, an Imidazotetrazine Family Alkylator, of Intermediate-Conductance Ca ²⁺ -Activated K ⁺ Channels in Glioma Cells. <i>Cellular Physiology and Biochemistry</i> , 2016, 38, 1727-1742.	1.1	20
85	Reversal by Ranolazine of Doxorubicin-Induced Prolongation in the Inactivation of Late Sodium Current in Rat Dorsal Root Ganglion Neurons. <i>Pain Medicine</i> , 2015, 16, 1032-1034.	0.9	8
86	Inhibitory actions by ibandronate sodium, a nitrogen-containing bisphosphonate, on calcium-activated potassium channels in Madin-Darby canine kidney cells. <i>Toxicology Reports</i> , 2015, 2, 1182-1193.	1.6	5
87	Actions of KMUP-1, a xanthine and piperazine derivative, on voltage-gated Na ⁺ and Ca ²⁺ -activated K ⁺ currents in GH ₃ pituitary tumour cells. <i>British Journal of Pharmacology</i> , 2015, 172, 5110-5122.	2.7	20
88	Evaluation of microvasculature at the auditory midbrain—the benefits of sectioning at a tangential angle. <i>Microscopy Research and Technique</i> , 2015, 78, 105-110.	1.2	0
89	The Inhibition by Oxaliplatin, a Platinum-Based Anti-Neoplastic Agent, of the Activity of Intermediate-Conductance Ca ²⁺ -Activated K ⁺ Channels in Human Glioma Cells. <i>Cellular Physiology and Biochemistry</i> , 2015, 37, 1390-1406.	1.1	14
90	Investigations on contribution of glial inwardly-rectifying K ⁺ current to membrane potential and ion flux: An experimental and theoretical study. <i>Kaohsiung Journal of Medical Sciences</i> , 2015, 31, 9-17.	0.8	3

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91	The inhibitory actions by lacosamide, a functionalized amino acid, on voltage-gated Na ⁺ currents. <i>Neuroscience</i> , 2015, 287, 125-136.	1.1	14
92	Arecoline inhibits intermediate-conductance calcium-activated potassium channels in human glioblastoma cell lines. <i>European Journal of Pharmacology</i> , 2015, 758, 177-187.	1.7	14
93	Effects of Ibandronate Sodium, a Nitrogen-Containing Bisphosphonate, on Intermediate-Conductance Calcium-Activated Potassium Channels in Osteoclast Precursor Cells (RAW 264.7). <i>Journal of Membrane Biology</i> , 2015, 248, 103-115.	1.0	9
94	Defined MicroRNAs Induce Aspects of Maturation in Mouse and Human Embryonic-Stem-Cell-Derived Cardiomyocytes. <i>Cell Reports</i> , 2015, 12, 1960-1967.	2.9	77
95	The potent activation of Ca ²⁺ -activated K ⁺ current by NVP-AUY922 in the human pancreatic duct cell line (PANC-1) possibly independent of heat shock protein 90 inhibition. <i>Journal of Pharmacological Sciences</i> , 2015, 127, 404-413.	1.1	6
96	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 β -hSlo subunit. <i>BMC Neuroscience</i> , 2014, 15, 135.	0.8	31
97	High effectiveness of triptolide, an active diterpenoid triepoxide, in suppressing Kir-channel currents from human glioma cells. <i>European Journal of Pharmacology</i> , 2014, 738, 332-341.	1.7	5
98	Stimulation of electroporation-induced inward currents in glioblastoma cell lines by the heat shock protein inhibitor AUY922. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2014, 41, 830-837.	0.9	7
99	The Inhibition of Inwardly Rectifying K ⁺ Channels by Memantine in Macrophages and Microglial Cells. <i>Cellular Physiology and Biochemistry</i> , 2013, 31, 938-951.	1.1	35
100	Identification of Minuscule Inward Currents as Precursors to Membrane Electroporation-Induced Currents: Real-Time Prediction of Pore Appearance. <i>Cellular Physiology and Biochemistry</i> , 2013, 32, 402-416.	1.1	5
101	Pregabalin Attenuates Excitotoxicity in Diabetes. <i>PLoS ONE</i> , 2013, 8, e65154.	1.1	13
102	Evidence for Inhibitory Effects of Flupirtine, a Centrally Acting Analgesic, on Delayed Rectifier K ⁺ Currents in Motor Neuron-Like Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-10.	0.5	28
103	Evidence for Mitoxantrone-induced Block of Inwardly Rectifying K ⁺ Channels Expressed in the Osteoclast Precursor RAW 264.7 Cells Differentiated with Lipopolysaccharide. <i>Cellular Physiology and Biochemistry</i> , 2012, 30, 687-701.	1.1	9
104	Possible effects of reduced conductance in delayed rectifier K ⁺ current on neuronal firing. <i>Movement Disorders</i> , 2012, 27, 1581-1582.	2.2	0
105	Effects of ketamine and its metabolites on ion currents in differentiated hippocampal H19-7 neuronal cells and in HEK293T cells transfected with β -hSlo subunit. <i>NeuroToxicology</i> , 2012, 33, 1058-1066.	1.4	9
106	The effects of magnetite (Fe ₃ O ₄) nanoparticles on electroporation-induced inward currents in pituitary tumor (GH3) cells and in RAW 264.7 macrophages. <i>International Journal of Nanomedicine</i> , 2012, 7, 1687.	3.3	14
107	Contribution of blocked potassium current conductance and increased conductance of persistent sodium current to the afterdischarge in myelinated neuron. <i>Muscle and Nerve</i> , 2012, 46, 297-299.	1.0	3
108	The inhibition by di(2-ethylhexyl)-phthalate of erg-mediated K ⁺ current in pituitary tumor (GH3) cells. <i>Archives of Toxicology</i> , 2012, 86, 713-723.	1.9	22

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109	Characterizing the effects of Eugenol on neuronal ionic currents and hyperexcitability. <i>Psychopharmacology</i> , 2012, 221, 575-587.	1.5	42
110	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. <i>European Journal of Pharmacology</i> , 2012, 683, 1-9.	1.7	39
111	Berberine activates Nrf2 nuclear translocation and protects against oxidative damage via a phosphatidylinositol 3-kinase/Akt-dependent mechanism in NSC34 motor neuron-like cells. <i>European Journal of Pharmaceutical Sciences</i> , 2012, 46, 415-425.	1.9	124
112	Electrophysiological characterization of sodium-activated potassium channels in NSC108 and NSC34 motor neuron-like cells. <i>Acta Physiologica</i> , 2012, 206, 120-134.	1.8	19
113	Investigations into the Correlation Properties of Membrane Electroporation-Induced Inward Currents: Prediction of Pore Formation. <i>Cell Biochemistry and Biophysics</i> , 2012, 62, 211-220.	0.9	9
114	Adenosine Stimulates Human Sperm Motility via A2 Receptors. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 45, 650-653.	1.2	26
115	Inhibitory effect of memantine, an NMDA-receptor antagonist, on electroporation-induced inward currents in pituitary GH3 cells. <i>Biochemical and Biophysical Research Communications</i> , 2011, 405, 508-513.	1.0	13
116	Evidence for activation of BKCa channels by a known inhibitor of focal adhesion kinase, PF573228. <i>Life Sciences</i> , 2011, 89, 691-701.	2.0	19
117	Modification of activation kinetics of delayed rectifier K ⁺ currents and neuronal excitability by methyl- β -cyclodextrin. <i>Neuroscience</i> , 2011, 176, 431-441.	1.1	11
118	Evidence for aconitine-induced inhibition of delayed rectifier K ⁺ current in Jurkat T-lymphocytes. <i>Toxicology</i> , 2011, 289, 11-18.	2.0	13
119	Characterization of TRPM8-Like Channels Activated by the Cooling Agent Icilin in the Macrophage Cell Line RAW 264.7. <i>Journal of Membrane Biology</i> , 2011, 241, 11-20.	1.0	26
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