

Heike Wulff

List of Publications by Year in descending order

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Version: 2024-02-01

185
papers

12,656
citations

22099

59
h-index

26548

107
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191
all docs

191
docs citations

191
times ranked

10483
citing authors

#	ARTICLE	IF	CITATIONS
1	Channelopathy-causing mutations in the S45A/S45B and HA/HB helices of KCa2.3 and KCa3.1 channels alter their apparent Ca ²⁺ sensitivity. <i>Cell Calcium</i> , 2022, 102, 102538.	1.1	7
2	Structure-Activity Relationship Study of Subtype-Selective Positive Modulators of K _{Ca} 2 Channels. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 303-322.	2.9	9
3	The seizure-inducing plastic explosive <i>RDX</i> inhibits the $\alpha 1 \beta 2 \gamma 2$ GABA _A receptor. <i>Annals of Clinical and Translational Neurology</i> , 2022, , .	1.7	5
4	Muscle Damage in Dystrophic mdx Mice Is Influenced by the Activity of Ca ²⁺ -Activated KCa3.1 Channels. <i>Life</i> , 2022, 12, 538.	1.1	2
5	Pose Classification Using Three-Dimensional Atomic Structure-Based Neural Networks Applied to Ion Channel-Ligand Docking. <i>Journal of Chemical Information and Modeling</i> , 2022, 62, 2301-2315.	2.5	5
6	Discovery of Novel Activators of Large-Conductance Calcium-Activated Potassium Channels for the Treatment of Cerebellar Ataxia. <i>Molecular Pharmacology</i> , 2022, 102, 17-28.	1.0	9
7	Effects of TRAM-34 and minocycline on neuroinflammation caused by diabetic ketoacidosis in a rat model. <i>BMJ Open Diabetes Research and Care</i> , 2022, 10, e002777.	1.2	2
8	The erythroid K-Cl cotransport inhibitor [(dihydroindenyl)oxy]acetic acid blocks erythroid Ca ²⁺ -activated K ⁺ channel KCNN4. <i>American Journal of Physiology - Cell Physiology</i> , 2022, 323, C694-C705.	2.1	2
9	KCa channel activation normalizes endothelial function in Type 2 Diabetic resistance arteries by improving intracellular Ca ²⁺ mobilization. <i>Metabolism: Clinical and Experimental</i> , 2021, 114, 154390.	1.5	8
10	A non-hallucinogenic psychedelic analogue with therapeutic potential. <i>Nature</i> , 2021, 589, 474-479.	13.7	221
11	Identification of the Functional Binding Site for the Convulsant Tetramethylenedisulfotetramine in the Pore of the $\alpha 2 \beta 3 \gamma 2$ GABA _A Receptor. <i>Molecular Pharmacology</i> , 2021, 99, 78-91.	1.0	7
12	Structure-Activity Relationship of Neuroactive Steroids, Midazolam, and Perampanel Toward Mitigating Tetramine-Triggered Activity in Murine Hippocampal Neuronal Networks. <i>Toxicological Sciences</i> , 2021, 180, 325-341.	1.4	5
13	ATP-evoked intracellular Ca ²⁺ transients shape the ionic permeability of human microglia from epileptic temporal cortex. <i>Journal of Neuroinflammation</i> , 2021, 18, 44.	3.1	8
14	Unique molecular characteristics and microglial origin of Kv1.3 channel-positive brain myeloid cells in Alzheimer's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	25
15	Editorial: Venoms, Animal and Microbial Toxins. <i>Frontiers in Pharmacology</i> , 2021, 12, 706573.	1.6	0
16	The feeding behaviour of Amyotrophic Lateral Sclerosis mouse models is modulated by the Ca ²⁺ -activated K _{Ca} 3.1 channels. <i>British Journal of Pharmacology</i> , 2021, 178, 4891-4906.	2.7	8
17	The efficacy of β -aminobutyric acid type A receptor (GABA _A AR) subtype-selective positive allosteric modulators in blocking tetramethylenedisulfotetramine (TETS)-induced seizure-like behavior in larval zebrafish with minimal sedation. <i>Toxicology and Applied Pharmacology</i> , 2021, 426, 115643.	1.3	8
18	Molecular determinants of pro-arrhythmia proclivity of d- and l-sotalol via a multi-scale modeling pipeline. <i>Journal of Molecular and Cellular Cardiology</i> , 2021, 158, 163-177.	0.9	10

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19	Kv1.3 inhibition attenuates neuroinflammation through disruption of microglial calcium signaling. Channels, 2021, 15, 67-78.	1.5	17
20	The potassium channel Kv1.3 as a therapeutic target for immunocytoprotection after reperfusion. Annals of Clinical and Translational Neurology, 2021, 8, 2070-2082.	1.7	9
21	Pharmacology of Small- and Intermediate-Conductance Calcium-Activated Potassium Channels. Annual Review of Pharmacology and Toxicology, 2020, 60, 219-240.	4.2	69
22	SKA-31, an activator of Ca ²⁺ -activated K ⁺ channels, improves cardiovascular function in aging. Pharmacological Research, 2020, 151, 104539.	3.1	13
23	Susceptibility of larval zebrafish to the seizurogenic activity of GABA type A receptor antagonists. NeuroToxicology, 2020, 76, 220-234.	1.4	35
24	Acute administration of diazepam or midazolam minimally alters long-term neuropathological effects in the rat brain following acute intoxication with diisopropylfluorophosphate. European Journal of Pharmacology, 2020, 886, 173538.	1.7	21
25	Modulation of Lymphocyte Potassium Channel K _v 1.3 by Membrane-Penetrating, Joint-Targeting Immunomodulatory Plant Defensin. ACS Pharmacology and Translational Science, 2020, 3, 720-736.	2.5	18
26	Biophysical basis for Kv1.3 regulation of membrane potential changes induced by P2X ₄ -mediated calcium entry in microglia. Glia, 2020, 68, 2377-2394.	2.5	43
27	Conditional KCa _{3.1} -transgene induction in murine skin produces pruritic eczematous dermatitis with severe epidermal hyperplasia and hyperkeratosis. PLoS ONE, 2020, 15, e0222619.	1.1	3
28	Blocking Kv1.3 potassium channels prevents postoperative neuroinflammation and cognitive decline without impairing wound healing in mice. British Journal of Anaesthesia, 2020, 125, 298-307.	1.5	24
29	Comparison of the toxicokinetics of the convulsants picrotoxinin and tetramethylenedisulfotetramine (TETS) in mice. Archives of Toxicology, 2020, 94, 1995-2007.	1.9	10
30	Kv1.3 modulates neuroinflammation and neurodegeneration in Parkinson's disease. Journal of Clinical Investigation, 2020, 130, 4195-4212.	3.9	50
31	New capsaicin analogs as molecular rulers to define the permissive conformation of the mouse TRPV1 ligand-binding pocket. ELife, 2020, 9, .	2.8	10
32	The Trials and Tribulations of Structure Assisted Design of KCa Channel Activators. Frontiers in Pharmacology, 2019, 10, 972.	1.6	12
33	Assessing the Effects of Cytoprotectants on Selective Neuronal Loss, Sensorimotor Deficit and Microglial Activation after Temporary Middle Cerebral Occlusion. Brain Sciences, 2019, 9, 287.	1.1	4
34	Extracellular K ⁺ Dampens T Cell Functions: Implications for Immune Suppression in the Tumor Microenvironment. Bioelectricity, 2019, 1, 169-179.	0.6	17
35	Recent advances in our understanding of the structure and function of more unusual cation channels. F1000Research, 2019, 8, 123.	0.8	6
36	Repurposing the KCa _{3.1} inhibitor senicapoc for Alzheimer's disease. Annals of Clinical and Translational Neurology, 2019, 6, 723-738.	1.7	45

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37	Radiation Increases Functional KCa3.1 Expression and Invasiveness in Glioblastoma. <i>Cancers</i> , 2019, 11, 279.	1.7	17
38	Antibodies and venom peptides: new modalities for ion channels. <i>Nature Reviews Drug Discovery</i> , 2019, 18, 339-357.	21.5	119
39	In Vivo Targeting of the Endothelium to Improve Vascular Function in a Rodent Model of Type 2 Diabetes. <i>FASEB Journal</i> , 2019, 33, 685.2.	0.2	0
40	Prolonged Administration of the KCa Channel Activator SKA31 Improves Cardiac Function and Blood Pressure in Type 2 Diabetic Goto-Kakizaki Rats. <i>FASEB Journal</i> , 2019, 33, 683.3.	0.2	0
41	Targeting potassium channels to treat cerebellar ataxia. <i>Annals of Clinical and Translational Neurology</i> , 2018, 5, 297-314.	1.7	50
42	A multiplatform strategy for the discovery of conventional monoclonal antibodies that inhibit the voltage-gated potassium channel Kv1.3. <i>MABs</i> , 2018, 10, 636-650.	2.6	16
43	Inhibition of the potassium channel Kv1.3 reduces infarction and inflammation in ischemic stroke. <i>Annals of Clinical and Translational Neurology</i> , 2018, 5, 147-161.	1.7	39
44	Kv1.3 inhibition as a potential microglia-targeted therapy for Alzheimer's disease: preclinical proof of concept. <i>Brain</i> , 2018, 141, 596-612.	3.7	79
45	GABAA receptor subtype selectivity of the proconvulsant rodenticide TETS. <i>Archives of Toxicology</i> , 2018, 92, 833-844.	1.9	12
46	The combined activation of KCa3.1 and inhibition of Kv11.1/hERG1 currents contribute to overcome Cisplatin resistance in colorectal cancer cells. <i>British Journal of Cancer</i> , 2018, 118, 200-212.	2.9	58
47	Alpha1-adrenergic stimulation selectively enhances endothelium-mediated vasodilation in rat cremaster arteries. <i>Physiological Reports</i> , 2018, 6, e13703.	0.7	12
48	Kv1.3 activity perturbs the homeostatic properties of astrocytes in glioma. <i>Scientific Reports</i> , 2018, 8, 7654.	1.6	19
49	The voltage-gated potassium channel Kv1.3 is required for microglial proinflammatory activation <i>in vivo</i> . <i>Glia</i> , 2018, 66, 1881-1895.	2.5	69
50	Ca ²⁺ -activated K ⁺ channels modulate microglia affecting motor neuron survival in hSOD1G93A mice. <i>Brain, Behavior, and Immunity</i> , 2018, 73, 584-595.	2.0	18
51	Suppression of connexin 43 phosphorylation promotes astrocyte survival and vascular regeneration in proliferative retinopathy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5934-E5943.	3.3	34
52	KCa3.1 Channel Modulators as Potential Therapeutic Compounds for Glioblastoma. <i>Current Neuropharmacology</i> , 2018, 16, 618-626.	1.4	31
53	Structure Assisted Design of Small Molecule KCa Channel Modulators. <i>FASEB Journal</i> , 2018, 32, 556.1.	0.2	0
54	Chronic administration of an endothelial KCa channel activator (SKA31) improves agonist evoked vasodilation in mesenteric arteries of aged rats. <i>FASEB Journal</i> , 2018, 32, 710.1.	0.2	0

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55	BDE-47 and BDE-49 Inhibit Axonal Growth in Primary Rat Hippocampal Neuron-Glia Co-Cultures via Ryanodine Receptor-Dependent Mechanisms. <i>Toxicological Sciences</i> , 2017, 156, kfw259.	1.4	18
56	Treatment with the KCa3.1 inhibitor TRAM-34 during diabetic ketoacidosis reduces inflammatory changes in the brain. <i>Pediatric Diabetes</i> , 2017, 18, 356-366.	1.2	18
57	Potassium channel expression and function in microglia: Plasticity and possible species variations. <i>Channels</i> , 2017, 11, 305-315.	1.5	44
58	Structural Insights into the Atomistic Mechanisms of Action of Small Molecule Inhibitors Targeting the KCa3.1 Channel Pore. <i>Molecular Pharmacology</i> , 2017, 91, 392-402.	1.0	39
59	Development of Tetramethylenedisulfotetramine (TETS) Hapten Library: Synthesis, Electrophysiological Studies, and Immune Response in Rabbits.. <i>Chemistry - A European Journal</i> , 2017, 23, 8466-8472.	1.7	17
60	Rapid Throughput Analysis of GABA _A Receptor Subtype Modulators and Blockers Using DiSBAC ₁ (3) Membrane Potential Red Dye. <i>Molecular Pharmacology</i> , 2017, 92, 88-99.	1.0	18
61	International Union of Basic and Clinical Pharmacology. C. Nomenclature and Properties of Calcium-Activated and Sodium-Activated Potassium Channels. <i>Pharmacological Reviews</i> , 2017, 69, 1-11.	7.1	85
62	A multi-tiered, in vivo, quantitative assay suite for environmental disruptors of thyroid hormone signaling. <i>Aquatic Toxicology</i> , 2017, 190, 1-10.	1.9	17
63	Hydroxy-fipronil is a new urinary biomarker of exposure to fipronil. <i>Environment International</i> , 2017, 103, 91-98.	4.8	18
64	Structural Determinants for the Selectivity of the Positive KCa3.1 Gating Modulator 5-Methylnaphtho[2,1- <i>d</i>]oxazol-2-amine (SKA-121). <i>Molecular Pharmacology</i> , 2017, 92, 469-480.	1.0	14
65	Are there superagonists for calcium-activated potassium channels?. <i>Channels</i> , 2017, 11, 504-506.	1.5	2
66	Differential Kv1.3, KCa3.1, and Kir2.1 expression in "classically" and "alternatively" activated microglia. <i>Glia</i> , 2017, 65, 106-121.	2.5	122
67	Structural insights into the potency of SK channel positive modulators. <i>Scientific Reports</i> , 2017, 7, 17178.	1.6	22
68	Inhibition of Soluble Epoxide Hydrolase as a Novel Approach to High Dose Diazepam Induced Hypotension. , 2016, 6, .		14
69	Vascular Reactivity Profile of Novel K _{Ca} 3.1-Selective Positive Gating Modulators in the Coronary Vascular Bed. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2016, 119, 184-192.	1.2	6
70	A Metal-Free Method for Producing MRI Contrast at Amyloid- β^2 . <i>Journal of Alzheimer's Disease</i> , 2016, 55, 1667-1681.	1.2	9
71	Models to identify treatments for the acute and persistent effects of seizure-inducing chemical threat agents. <i>Annals of the New York Academy of Sciences</i> , 2016, 1378, 124-136.	1.8	24
72	KCa3.1 ^{-/-} Mice Do Not Develop CIA: Regulatory Role for KCa3.1 in Autoimmune Arthritis. <i>Journal of Cellular Physiology</i> , 2016, 231, 2313-2314.	2.0	6

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73	Diisopropylfluorophosphate Impairs the Transport of Membrane-Bound Organelles in Rat Cortical Axons. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016, 356, 645-655.	1.3	34
74	Chasing the Elusive Benzofuran Impurity of the THR Antagonist NH-3: Synthesis, Isotope Labeling, and Biological Activity. <i>Journal of Organic Chemistry</i> , 2016, 81, 1870-1876.	1.7	16
75	The potassium channel KCa3.1 constitutes a pharmacological target for neuroinflammation associated with ischemia/reperfusion stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 2146-2161.	2.4	84
76	A pharmacologic activator of endothelial KCa channels increases systemic conductance and reduces arterial pressure in an anesthetized pig model. <i>Vascular Pharmacology</i> , 2016, 79, 24-31.	1.0	14
77	KCa3.1 channel inhibition sensitizes malignant gliomas to temozolomide treatment. <i>Oncotarget</i> , 2016, 7, 30781-30796.	0.8	44
78	Interrogation of the intersubunit interface of the open Hv1 proton channel with a probe of allosteric coupling. <i>Scientific Reports</i> , 2015, 5, 14077.	1.6	25
79	Inhibition of Myogenic Tone in Rat Cremaster and Cerebral Arteries by SKA-31, an Activator of Endothelial KCa2.3 and KCa3.1 Channels. <i>Journal of Cardiovascular Pharmacology</i> , 2015, 66, 118-127.	0.8	19
80	Recent developments in ion channel pharmacology. <i>Channels</i> , 2015, 9, 335-335.	1.5	6
81	Dysregulation of Glutamine Transporter SNAT1 in Rett Syndrome Microglia: A Mechanism for Mitochondrial Dysfunction and Neurotoxicity. <i>Journal of Neuroscience</i> , 2015, 35, 2516-2529.	1.7	71
82	Rapid Throughput Analysis Demonstrates that Chemicals with Distinct Seizurogenic Mechanisms Differentially Alter Ca ²⁺ Dynamics in Networks Formed by Hippocampal Neurons in Culture. <i>Molecular Pharmacology</i> , 2015, 87, 595-605.	1.0	29
83	Pharmacological gating modulation of small- and intermediate-conductance Ca ²⁺ -activated K ⁺ channels (K _{Ca} 2.x and K _{Ca} 3.1). <i>Channels</i> , 2015, 9, 336-343.	1.5	52
84	Human lung myofibroblast TGF β 1-dependent Smad2/3 signalling is Ca ²⁺ -dependent and regulated by KCa3.1 K ⁺ channels. <i>Fibrogenesis and Tissue Repair</i> , 2015, 8, 5.	3.4	40
85	The Riluzole Derivative 2-Amino-6-trifluoromethylthio-benzothiazole (SKA-19), a Mixed KCa2 Activator and NaV Blocker, is a Potent Novel Anticonvulsant. <i>Neurotherapeutics</i> , 2015, 12, 234-249.	2.1	33
86	A Novel Pan-Negative-Gating Modulator of K _{Ca} 2/3 Channels, Fluoro-Di-Benzoate, RA-2, Inhibits Endothelium-Derived Hyperpolarization β Type Relaxation in Coronary Artery and Produces Bradycardia In Vivo. <i>Molecular Pharmacology</i> , 2015, 87, 338-348.	1.0	19
87	Ion Channels in Innate and Adaptive Immunity. <i>Annual Review of Immunology</i> , 2015, 33, 291-353.	9.5	541
88	Neuronal Atrophy Early in Degenerative Ataxia Is a Compensatory Mechanism to Regulate Membrane Excitability. <i>Journal of Neuroscience</i> , 2015, 35, 11292-11307.	1.7	93
89	Blood β Brain Barrier KCa3.1 Channels. <i>Stroke</i> , 2015, 46, 237-244.	1.0	57
90	Novel Negative Gating Modulators of KCa2/3 as Pharmacological Tools for Novel Treatments. <i>FASEB Journal</i> , 2015, 29, 943.2.	0.2	0

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91	Nanomolar Bifenthrin Alters Synchronous Ca ²⁺ Oscillations and Cortical Neuron Development Independent of Sodium Channel Activity. <i>Molecular Pharmacology</i> , 2014, 85, 630-639.	1.0	41
92	Kv1.3 in psoriatic disease: PAP-1, a small molecule inhibitor of Kv1.3 is effective in the SCID mouse psoriasis "Xenograft model. <i>Journal of Autoimmunity</i> , 2014, 55, 63-72.	3.0	58
93	New Positive Ca ²⁺ -Activated K ⁺ Channel Gating Modulators with Selectivity for K _{Ca} 3.1. <i>Molecular Pharmacology</i> , 2014, 86, 342-357.	1.0	50
94	Dyclonine rescues frataxin deficiency in animal models and buccal cells of patients with Friedreich's ataxia. <i>Human Molecular Genetics</i> , 2014, 23, 6848-6862.	1.4	66
95	Alterations in cerebellar physiology are associated with a stiff-legged gait in Atcayji-hes mice. <i>Neurobiology of Disease</i> , 2014, 67, 140-148.	2.1	20
96	Expression of T-cell KV1.3 potassium channel correlates with pro-inflammatory cytokines and disease activity in ulcerative colitis. <i>Journal of Crohn's and Colitis</i> , 2014, 8, 1378-1391.	0.6	45
97	Kv1.3 channel blocking immunomodulatory peptides from parasitic worms: implications for autoimmune diseases. <i>FASEB Journal</i> , 2014, 28, 3952-3964.	0.2	76
98	Optimized Inhibitors of Soluble Epoxide Hydrolase Improve in Vitro Target Residence Time and in Vivo Efficacy. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 7016-7030.	2.9	81
99	A pharmacologic activator of endothelial K _{Ca} channels enhances coronary flow in the hearts of type 2 diabetic rats. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 72, 364-373.	0.9	24
100	Positive K _{Ca} channel gating modulators with selectivity for K _{Ca} 3.1 (1057.6). <i>FASEB Journal</i> , 2014, 28, .	0.2	1
101	The therapeutic potential of small-conductance K _{Ca} 2 channels in neurodegenerative and psychiatric diseases. <i>Expert Opinion on Therapeutic Targets</i> , 2013, 17, 1203-1220.	1.5	42
102	The Intermediate Conductance Calcium-activated Potassium Channel K _{Ca} 3.1 Regulates Vascular Smooth Muscle Cell Proliferation via Controlling Calcium-dependent Signaling. <i>Journal of Biological Chemistry</i> , 2013, 288, 15843-15853.	1.6	74
103	SKA-31, a novel activator of SK _{Ca} and IK _{Ca} channels, increases coronary flow in male and female rat hearts. <i>Cardiovascular Research</i> , 2013, 97, 339-348.	1.8	29
104	Ca ²⁺ -Activated K ⁺ Channel "3.1 Blocker TRAM-34 Attenuates Airway Remodeling and Eosinophilia in a Murine Asthma Model. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 48, 212-219.	1.4	30
105	Development of a QPatch Automated Electrophysiology Assay for Identifying K _{Ca} 3.1 Inhibitors and Activators. <i>Assay and Drug Development Technologies</i> , 2013, 11, 551-560.	0.6	16
106	Activation of K _{Ca} 3.1 by SKA-31 induces arteriolar dilatation and lowers blood pressure in normo- and hypertensive connexin40-deficient mice. <i>British Journal of Pharmacology</i> , 2013, 170, 293-303.	2.7	43
107	Endothelial Small-Conductance and Intermediate-Conductance K _{Ca} Channels. <i>Journal of Cardiovascular Pharmacology</i> , 2013, 61, 102-112.	0.8	88
108	The Potassium Channel K _{Ca} 3.1 as New Therapeutic Target for the Prevention of Obliterative Airway Disease. <i>Transplantation</i> , 2013, 95, 285-292.	0.5	19

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109	The Ca ²⁺ -Activated K ⁺ Channel KCa _{3.1} as a Potential New Target for the Prevention of Allograft Vasculopathy. PLoS ONE, 2013, 8, e81006.	1.1	18
110	The K ⁺ Channel KCa _{3.1} as a Novel Target for Idiopathic Pulmonary Fibrosis. PLoS ONE, 2013, 8, e85244.	1.1	43
111	Novel Phenolic Inhibitors of Small/Intermediate-Conductance Ca ²⁺ -Activated K ⁺ Channels, KCa _{3.1} and KCa _{2.3} . PLoS ONE, 2013, 8, e58614.	1.1	25
112	KCa _{3.1} Channel-Blockade Attenuates Airway Pathophysiology in a Sheep Model of Chronic Asthma. PLoS ONE, 2013, 8, e66886.	1.1	28
113	Blocking KCa _{3.1} Channels Increases Tumor Cell Killing by a Subpopulation of Human Natural Killer Lymphocytes. PLoS ONE, 2013, 8, e76740.	1.1	45
114	The Kv1.3 Blocker PAP-1 Reduces Infarction and Neurological Deficit in a Rat Model of Reperfusion Stroke. FASEB Journal, 2013, 27, .	0.2	1
115	Rosetta modeling of the inner KCa _{3.1} pore, a hotspot for small molecule modulation. FASEB Journal, 2013, 27, 913.23.	0.2	0
116	SKA-31, a positive modulator of SK Ca and IK Ca channels, increases systemic conductance and lowers arterial pressure in an anesthetized pig model. FASEB Journal, 2013, 27, 900.7.	0.2	0
117	SKA-111, a positive KCa channel gating modulator with selectivity for KCa _{3.1} . FASEB Journal, 2013, 27, 913.22.	0.2	0
118	Structure-activity relationship exploration of Kv1.3 blockers based on diphenoxylate. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 7106-7109.	1.0	11
119	Microglial KCa _{3.1} Channels as a Potential Therapeutic Target for Alzheimer's Disease. International Journal of Alzheimer's Disease, 2012, 2012, 1-8.	1.1	53
120	Pharmacological activation of KCa _{3.1} /KCa _{2.3} channels produces endothelial hyperpolarization and lowers blood pressure in conscious dogs. British Journal of Pharmacology, 2012, 165, 223-234.	2.7	60
121	Purification, molecular cloning and functional characterization of HelaTx1 (Heterometrus laoticus): The first member of a new Î ⁹ -KTX subfamily. Biochemical Pharmacology, 2012, 83, 1307-1317.	2.0	32
122	Development of a sea anemone toxin as an immunomodulator for therapy of autoimmune diseases. Toxicon, 2012, 59, 529-546.	0.8	203
123	Genetic KCa _{3.1} -Deficiency Produces Locomotor Hyperactivity and Alterations in Cerebral Monoamine Levels. PLoS ONE, 2012, 7, e47744.	1.1	49
124	NS6180, a new KCa _{3.1} blocker, inhibits T cell activation and dampens inflammation in a rat model of inflammatory bowel disease. FASEB Journal, 2012, 26, 695.12.	0.2	0
125	SKA-31, an enhancer of SK Ca and IK Ca channels, increases coronary flow in normotensive rats. FASEB Journal, 2012, 26, 857.3.	0.2	0
126	Does microglial dysfunction play a role in autism and Rett syndrome?. Neuron Glia Biology, 2011, 7, 85-97.	2.0	43

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127	Amyloid- β Protein Oligomer at Low Nanomolar Concentrations Activates Microglia and Induces Microglial Neurotoxicity. <i>Journal of Biological Chemistry</i> , 2011, 286, 3693-3706.	1.6	234
128	The KCa3.1 Blocker TRAM-34 Reduces Infarction and Neurological Deficit in a Rat Model of Ischemia/Reperfusion Stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 2363-2374.	2.4	92
129	The lymphocyte potassium channels Kv1.3 and KCa3.1 as targets for immunosuppression. <i>Drug Development Research</i> , 2011, 72, 573-584.	1.4	88
130	Early Changes in Cerebellar Physiology Accompany Motor Dysfunction in the Polyglutamine Disease Spinocerebellar Ataxia Type 3. <i>Journal of Neuroscience</i> , 2011, 31, 13002-13014.	1.7	190
131	Negative Gating Modulation by (R)-N-(Benzimidazol-2-yl)-1,2,3,4-tetrahydro-1-naphthylamine (NS8593) Depends on Residues in the Inner Pore Vestibule: Pharmacological Evidence of Deep-Pore Gating of KCa2 Channels. <i>Molecular Pharmacology</i> , 2011, 79, 899-909.	1.0	48
132	Negative gating modulation by NS8593 depends on residues in the inner pore vestibule. <i>FASEB Journal</i> , 2011, 25, 1042.15.	0.2	0
133	Formulation-based approach to support early drug discovery and development efforts: a case study with enteric microencapsulation dosage form development for a triarylmethane derivative TRAM-34; a novel potential immunosuppressant. <i>Drug Development and Industrial Pharmacy</i> , 2010, 36, 563-569.	0.9	12
134	Potassium Channel Block by a Tripartite Complex of Two Cationophilic Ligands and a Potassium Ion. <i>Molecular Pharmacology</i> , 2010, 78, 588-599.	1.0	29
135	Inhibition of the K ⁺ channel KCa3.1 ameliorates T cell-mediated colitis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 1541-1546.	3.3	136
136	Vascular K _{Ca} -channels as therapeutic targets in hypertension and restenosis disease. <i>Expert Opinion on Therapeutic Targets</i> , 2010, 14, 143-155.	1.5	83
137	Therapeutic potential of K _{Ca} 3.1 blockers: recent advances and promising trends. <i>Expert Review of Clinical Pharmacology</i> , 2010, 3, 385-396.	1.3	172
138	Spiro azepane-oxazolidinones as Kv1.3 potassium channel blockers: WO2010066840. <i>Expert Opinion on Therapeutic Patents</i> , 2010, 20, 1759-1765.	2.4	8
139	Endothelial KCa ion channels: their compartmentation in caveolae and relevance to cardiovascular pathologies. <i>FASEB Journal</i> , 2010, 24, 784.3.	0.2	0
140	Potassium Channel Block by a Tripartite Complex of Neutral Ligands with a Potassium Ion. <i>FASEB Journal</i> , 2010, 24, 770.3.	0.2	0
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