

# Geoffrey W Abbott

## List of Publications by Year in descending order

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138  
papers

6,830  
citations

101543

36  
h-index

64796

79  
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144  
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144  
docs citations

144  
times ranked

6030  
citing authors

#	ARTICLE	IF	CITATIONS
1	MiRP1 Forms IKr Potassium Channels with HERG and Is Associated with Cardiac Arrhythmia. <i>Cell</i> , 1999, 97, 175-187.	28.9	1,305
2	Human cardiovascular progenitor cells develop from a KDR+ embryonic-stem-cell-derived population. <i>Nature</i> , 2008, 453, 524-528.	27.8	1,299
3	MiRP2 Forms Potassium Channels in Skeletal Muscle with Kv3.4 and Is Associated with Periodic Paralysis. <i>Cell</i> , 2001, 104, 217-231.	28.9	283
4	The MinK-related peptides. <i>Neuropharmacology</i> , 2004, 47, 787-821.	4.1	241
5	The KCNE2 Potassium Channel Ancillary Subunit Is Essential for Gastric Acid Secretion. <i>Journal of Biological Chemistry</i> , 2006, 281, 23740-23747.	3.4	130
6	Kcne2 deletion uncovers its crucial role in thyroid hormone biosynthesis. <i>Nature Medicine</i> , 2009, 15, 1186-1194.	30.7	117
7	A superfamily of small potassium channel subunits: form and function of the MinK-related peptides (MiRPs). <i>Quarterly Reviews of Biophysics</i> , 1998, 31, 357-398.	5.7	114
8	Targeted deletion of kcne2 impairs ventricular repolarization via disruption of I <sub>K,slow1</sub> and I <sub>to,f</sub> . <i>FASEB Journal</i> , 2008, 22, 3648-3660.	0.5	99
9	The Role of S4 Charges in Voltage-dependent and Voltage-independent KCNQ1 Potassium Channel Complexes. <i>Journal of General Physiology</i> , 2007, 129, 121-133.	1.9	95
10	Interaction of KCNE subunits with the KCNQ1 K <sup>+</sup> -channel pore. <i>Journal of Physiology</i> , 2006, 570, 455-467.	2.9	91
11	Disease-associated mutations in KCNE potassium channel subunits (MiRPs) reveal promiscuous disruption of multiple currents and conservation of mechanism. <i>FASEB Journal</i> , 2002, 16, 390-400.	0.5	83
12	MinK-Related Peptide 2 Modulates Kv2.1 and Kv3.1 Potassium Channels in Mammalian Brain. <i>Journal of Neuroscience</i> , 2003, 23, 8077-8091.	3.6	83
13	Biology of the KCNQ1 Potassium Channel. <i>New Journal of Science</i> , 2014, 2014, 1-26.	1.0	80
14	Effects of Electrical and Structural Remodeling on Atrial Fibrillation Maintenance: A Simulation Study. <i>PLoS Computational Biology</i> , 2012, 8, e1002390.	3.2	77
15	KCNE1 and KCNE3: The yin and yang of voltage-gated K <sup>+</sup> channel regulation. <i>Gene</i> , 2016, 576, 1-13.	2.2	67
16	MinK, MiRP1, and MiRP2 Diversify Kv3.1 and Kv3.2 Potassium Channel Gating. <i>Journal of Biological Chemistry</i> , 2004, 279, 7884-7892.	3.4	66
17	Targeted Deletion of Kcne2 Causes Gastritis Cystica Profunda and Gastric Neoplasia. <i>PLoS ONE</i> , 2010, 5, e11451.	2.5	65
18	RNA Interference Reveals That Endogenous Xenopus MinK-related Peptides Govern Mammalian K <sup>+</sup> Channel Function in Oocyte Expression Studies. <i>Journal of Biological Chemistry</i> , 2003, 278, 11739-11745.	3.4	63

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19	Dynamical Mechanism for Subcellular Alternans in Cardiac Myocytes. <i>Circulation Research</i> , 2009, 105, 335-342.	4.5	61
20	Direct neurotransmitter activation of voltage-gated potassium channels. <i>Nature Communications</i> , 2018, 9, 1847.	12.8	60
21	KCNQ1, KCNE2, and Na <sup>+</sup> -Coupled Solute Transporters Form Reciprocally Regulating Complexes That Affect Neuronal Excitability. <i>Science Signaling</i> , 2014, 7, ra22.	3.6	56
22	Impairment of Hyperpolarization-Activated, Cyclic Nucleotide-Gated Channel Function by the Intravenous General Anesthetic Propofol. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005, 315, 517-525.	2.5	55
23	Activation of mitochondrial ATP-sensitive potassium channels increases cell viability against rotenone-induced cell death. <i>Journal of Neurochemistry</i> , 2003, 84, 1193-1200.	3.9	54
24	Impact of ancillary subunits on ventricular repolarization. <i>Journal of Electrocardiology</i> , 2007, 40, S42-S46.	0.9	51
25	Regulation of the Kv2.1 Potassium Channel by MinK and MiRP1. <i>Journal of Membrane Biology</i> , 2009, 228, 1-14.	2.1	51
26	The envelope protein of SARS-CoV-2 increases intracellular Golgi pH and forms a cation channel that is regulated by pH. <i>Journal of Physiology</i> , 2021, 599, 2851-2868.	2.9	51
27	Protein kinase C downregulates IKs by stimulating KCNQ1-KCNE1 potassium channel endocytosis. <i>Heart Rhythm</i> , 2011, 8, 1641-1647.	0.7	49
28	The KCNQ1-KCNE2 K <sup>+</sup> channel is required for adequate thyroid I <sup>-</sup> uptake. <i>FASEB Journal</i> , 2012, 26, 3252-3259.	0.5	48
29	Do All Voltage-Gated Potassium Channels Use MiRPs?. <i>Circulation Research</i> , 2001, 88, 981-983.	4.5	46
30	Gabapentin Is a Potent Activator of KCNQ3 and KCNQ5 Potassium Channels. <i>Molecular Pharmacology</i> , 2018, 94, 1155-1163.	2.3	45
31	KCNQs: Ligand- and Voltage-Gated Potassium Channels. <i>Frontiers in Physiology</i> , 2020, 11, 583.	2.8	45
32	KCNE2 forms potassium channels with KCNA3 and KCNQ1 in the choroid plexus epithelium. <i>FASEB Journal</i> , 2011, 25, 4264-4273.	0.5	43
33	MinK-dependent internalization of the IKs potassium channel. <i>Cardiovascular Research</i> , 2009, 82, 430-438.	3.8	42
34	The KCNE2 K <sup>+</sup> channel regulatory subunit: Ubiquitous influence, complex pathobiology. <i>Gene</i> , 2015, 569, 162-172.	2.2	41
35	Pharmacogenetic Considerations in Diseases of Cardiac Ion Channels. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 307, 831-838.	2.5	40
36	Kcne2 Deletion Creates a Multisystem Syndrome Predisposing to Sudden Cardiac Death. <i>Circulation: Cardiovascular Genetics</i> , 2014, 7, 33-42.	5.1	40

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37	Phosphorylation and protonation of neighboring MiRP2 sites: function and pathophysiology of MiRP2â€Kv3.4 potassium channels in periodic paralysis. <i>FASEB Journal</i> , 2006, 20, 293-301.	0.5	39
38	Ion channelâ€transporter interactions. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2016, 51, 257-267.	5.2	39
39	Empagliflozin protects the heart against ischemia/reperfusion-induced sudden cardiac death. <i>Cardiovascular Diabetology</i> , 2021, 20, 199.	6.8	38
40	KCNE1 and KCNE2 Inhibit Forward Trafficking of Homomeric N-Type Voltage-Gated Potassium Channels. <i>Biophysical Journal</i> , 2011, 101, 1354-1363.	0.5	37
41	KCNE4 and KCNE5: K <sup>+</sup> channel regulation and cardiac arrhythmogenesis. <i>Gene</i> , 2016, 593, 249-260.	2.2	37
42	A KCNE2 mutation in a patient with cardiac arrhythmia induced by auditory stimuli and serum electrolyte imbalance. <i>Cardiovascular Research</i> , 2008, 77, 98-106.	3.8	35
43	KCNE2 and the K <sup>+</sup> channel. <i>Channels</i> , 2012, 6, 1-10.	2.8	35
44	The Impact of Ancillary Subunits on Small-Molecule Interactions with Voltage-Gated Potassium Channels. <i>Current Pharmaceutical Design</i> , 2006, 12, 2285-2302.	1.9	32
45	Kcne4 Deletion Sex-Dependently Alters Vascular Reactivity. <i>Journal of Vascular Research</i> , 2016, 53, 138-148.	1.4	32
46	KCNQ5 activation is a unifying molecular mechanism shared by genetically and culturally diverse botanical hypotensive folk medicines. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 21236-21245.	7.1	32
47	Allosteric regulation of mammalian Na <sup>+</sup> /I <sup>-</sup> symporter activity by perchlorate. <i>Nature Structural and Molecular Biology</i> , 2020, 27, 533-539.	8.2	32
48	Ancient and modern anticonvulsants act synergistically in a KCNQ potassium channel binding pocket. <i>Nature Communications</i> , 2018, 9, 3845.	12.8	31
49	Endogenous KCNE Subunits Govern Kv2.1K <sup>+</sup> Channel Activation Kinetics in <i>Xenopus</i> Oocyte Studies. <i>Biophysical Journal</i> , 2006, 90, 1223-1231.	0.5	30
50	KCNE Regulation of K <sup>+</sup> Channel Trafficking â€ a Sisyphean Task?. <i>Frontiers in Physiology</i> , 2012, 3, 231.	2.8	30
51	<i>Kcne2</i> deletion attenuates acute post-ischaemia/reperfusion myocardial infarction. <i>Cardiovascular Research</i> , 2016, 110, 227-237.	3.8	29
52	Genetic dissection reveals unexpected influence of $\beta^2$ subunits on KCNQ1 K <sup>+</sup> channel polarized trafficking in vivo. <i>FASEB Journal</i> , 2011, 25, 727-736.	0.5	28
53	Filamin A Promotes Dynamin-dependent Internalization of Hyperpolarization-activated Cyclic Nucleotide-gated Type 1 (HCN1) Channels and Restricts Ih in Hippocampal Neurons. <i>Journal of Biological Chemistry</i> , 2014, 289, 5889-5903.	3.4	28
54	Prenatal one-carbon metabolism dysregulation programs schizophrenia-like deficits. <i>Molecular Psychiatry</i> , 2018, 23, 282-294.	7.9	27

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55	Pharmacogenetics and cardiac ion channels. <i>Vascular Pharmacology</i> , 2006, 44, 90-106.	2.1	26
56	Deletion in mice of Xâ€linked, Brugada syndromeâ€and atrial fibrillationâ€associated <i>Kcne5</i> augments ventricular K <sub>v</sub> currents and predisposes to ventricular arrhythmia. <i>FASEB Journal</i> , 2019, 33, 2537-2552.	0.5	26
57	Targeted Deletion of <i>Kcne2</i> Impairs HCN Channel Function in Mouse Thalamocortical Circuits. <i>PLoS ONE</i> , 2012, 7, e42756.	2.5	26
58	Molecular Mechanisms of Cardiac Voltage-Gated Potassium Channelopathies. <i>Current Pharmaceutical Design</i> , 2006, 12, 3631-3644.	1.9	24
59	Cardioprotective Effect of Histamine H <sub>3</sub> -Receptor Activation: Pivotal Role of G $\beta$ -Dependent Inhibition of Voltage-Operated Ca <sup>2+</sup> Channels. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 326, 871-878.	2.5	24
60	KCNE1 and KCNE2 Provide a Checkpoint Governing Voltage-Gated Potassium Channel $\beta$ -Subunit Composition. <i>Biophysical Journal</i> , 2011, 101, 1364-1375.	0.5	24
61	<i>Kcne2</i> deletion impairs insulin secretion and causes type 2 diabetes mellitus. <i>FASEB Journal</i> , 2017, 31, 2674-2685.	0.5	24
62	Deconstruction of an African folk medicine uncovers a novel molecular strategy for therapeutic potassium channel activation. <i>Science Advances</i> , 2018, 4, eaav0824.	10.3	24
63	Cilantro leaf harbors a potent potassium channelâ€activating anticonvulsant. <i>FASEB Journal</i> , 2019, 33, 11349-11363.	0.5	24
64	Synthetic putative transmembrane region of minimal potassium channel protein (minK) adopts an $\beta$ -helical conformation in phospholipid membranes. <i>Biochemical Journal</i> , 1997, 325, 475-479.	3.7	23
65	Cardiac arrhythmia and thyroid dysfunction: A novel genetic link. <i>International Journal of Biochemistry and Cell Biology</i> , 2010, 42, 1767-1770.	2.8	23
66	Remote Liver Ischemic Preconditioning Protects against Sudden Cardiac Death via an ERK/GSK-3 $\beta$ -Dependent Mechanism. <i>PLoS ONE</i> , 2016, 11, e0165123.	2.5	23
67	Emulsified isoflurane postconditioning produces cardioprotection against myocardial ischemiaâ€reperfusion injury in rats. <i>Journal of Physiological Sciences</i> , 2013, 63, 251-261.	2.1	22
68	KCNEgenetics and pharmacogenomics in cardiac arrhythmias: much ado about nothing?. <i>Expert Review of Clinical Pharmacology</i> , 2013, 6, 49-60.	3.1	22
69	Arrhythmogenic KCNE gene variants: current knowledge and future challenges. <i>Frontiers in Genetics</i> , 2014, 5, 3.	2.3	22
70	<i>Kcne4</i> deletion sexâ€and ageâ€specifically impairs cardiac repolarization in mice. <i>FASEB Journal</i> , 2016, 30, 360-369.	0.5	21
71	Involvement of glycogen synthase kinase-3 $\beta$ in liver ischemic conditioning induced cardioprotection against myocardial ischemia and reperfusion injury in rats. <i>Journal of Applied Physiology</i> , 2017, 122, 1095-1105.	2.5	21
72	Remote ischemic preconditioning STAT3-dependently ameliorates pulmonary ischemia/reperfusion injury. <i>PLoS ONE</i> , 2018, 13, e0196186.	2.5	21

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73	The ubiquitous flavonoid quercetin is an atypical KCNQ potassium channel activator. <i>Communications Biology</i> , 2020, 3, 356.	4.4	21
74	KCNQ $\alpha$ -SMIT complex formation facilitates ion channel $\beta$ -solute transporter cross talk. <i>FASEB Journal</i> , 2017, 31, 2828-2838.	0.5	20
75	SMIT1 Modifies KCNQ Channel Function and Pharmacology by Physical Interaction with the Pore. <i>Biophysical Journal</i> , 2017, 113, 613-626.	0.5	20
76	Remote ischemic preconditioning differentially attenuates post-ischemic cardiac arrhythmia in streptozotocin-induced diabetic versus nondiabetic rats. <i>Cardiovascular Diabetology</i> , 2017, 16, 57.	6.8	20
77	Voltage-Dependent C-Type Inactivation in a Constitutively Open K <sup>+</sup> Channel. <i>Biophysical Journal</i> , 2008, 95, 2759-2778.	0.5	19
78	Does hERG Coassemble with a $\beta$ Subunit? Evidence for Roles of MinK and MiRP1. <i>Novartis Foundation Symposium</i> , 2008, , 100-117.	1.1	19
79	Kcne3 deletion initiates extracardiac arrhythmogenesis in mice. <i>FASEB Journal</i> , 2014, 28, 935-945.	0.5	19
80	Kcne2 deletion promotes atherosclerosis and diet-dependent sudden death. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 87, 148-151.	1.9	19
81	Chansporter complexes in cell signaling. <i>FEBS Letters</i> , 2017, 591, 2556-2576.	2.8	18
82	M-Channel Activation Contributes to the Anticonvulsant Action of the Ketone Body $\beta$ -Hydroxybutyrate. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2020, 372, 148-156.	2.5	18
83	A shared mechanism for lipid $\beta$ -and $\beta$ subunit $\beta$ -coordinated stabilization of the activated K <sup>+</sup> channel voltage sensor. <i>FASEB Journal</i> , 2010, 24, 1518-1524.	0.5	16
84	Transcriptomic analysis reveals atrial KCNE1 down $\beta$ regulation following lung lobectomy. <i>Journal of Molecular and Cellular Cardiology</i> , 2012, 53, 350-353.	1.9	15
85	Metabolomic and transcriptomic signatures of prenatal excessive methionine support nature rather than nurture in schizophrenia pathogenesis. <i>Communications Biology</i> , 2020, 3, 409.	4.4	15
86	Acetaminophen (Paracetamol) Metabolites Induce Vasodilation and Hypotension by Activating Kv7 Potassium Channels Directly and Indirectly. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 1207-1219.	2.4	15
87	Isoform-Selective KCNA1 Potassium Channel Openers Built from Glycine. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2020, 373, 391-401.	2.5	15
88	Dynein regulates Kv7.4 channel trafficking from the cell membrane. <i>Journal of General Physiology</i> , 2021, 153, .	1.9	14
89	KCNQ5 Potassium Channel Activation Underlies Vasodilation by Tea. <i>Cellular Physiology and Biochemistry</i> , 2021, 55, 46-64.	1.6	14
90	KCNQ Potassium Channels as Targets of Botanical Folk Medicines. <i>Annual Review of Pharmacology and Toxicology</i> , 2022, 62, 447-464.	9.4	14

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91	Emerging concepts in the pharmacogenomics of arrhythmias: ion channel trafficking. <i>Expert Review of Cardiovascular Therapy</i> , 2010, 8, 1161-1173.	1.5	13
92	Novel exon 1 protein-coding regions N-terminally extend human KCNE3 and KCNE4. <i>FASEB Journal</i> , 2016, 30, 2959-2969.	0.5	13
93	KCNE2 and gastric cancer: bench to bedside. <i>Oncotarget</i> , 2016, 7, 17286-17287.	1.8	13
94	Empagliflozin Protects against Pulmonary Ischemia/Reperfusion Injury via an Extracellular Signal-Regulated Kinases 1 and 2-Dependent Mechanism. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2022, 380, 230-241.	2.5	13
95	Conformational Changes in a Mammalian Voltage-Dependent Potassium Channel Inactivation Peptide. <i>Biochemistry</i> , 1998, 37, 1640-1645.	2.5	12
96	Potassium channels act as chemosensors for solute transporters. <i>Communications Biology</i> , 2020, 3, 90.	4.4	12
97	Kcne2 deletion causes early-onset nonalcoholic fatty liver disease via iron deficiency anemia. <i>Scientific Reports</i> , 2016, 6, 23118.	3.3	11
98	Teamwork: Ion channels and transporters join forces in the brain. <i>Neuropharmacology</i> , 2019, 161, 107601.	4.1	11
99	Intergenerational trauma transmission is associated with brain metabolome remodeling and mitochondrial dysfunction. <i>Communications Biology</i> , 2021, 4, 783.	4.4	11
100	The MiRP2-Kv3.4 Potassium Channel: Muscling In on Alzheimer's Disease: Fig. 1.. <i>Molecular Pharmacology</i> , 2007, 72, 499-501.	2.3	10
101	Does hERG coassemble with a beta subunit? Evidence for roles of MinK and MiRP1. <i>Novartis Foundation Symposium</i> , 2005, 266, 100-12; discussion 112-7, 155-8.	1.1	10
102	1,4-Diazabicyclo[2.2.2]octane Derivatives: A Novel Class of Voltage-Gated Potassium Channel Blockers. <i>Molecular Pharmacology</i> , 2006, 69, 718-726.	2.3	9
103	In silico re-engineering of a neurotransmitter to activate KCNQ potassium channels in an isoform-specific manner. <i>Communications Biology</i> , 2019, 2, 401.	4.4	9
104	Regulation of human cardiac potassium channels by full-length KCNE3 and KCNE4. <i>Scientific Reports</i> , 2016, 6, 38412.	3.3	8
105	Î² Subunits Functionally Differentiate Human Kv4.3 Potassium Channel Splice Variants. <i>Frontiers in Physiology</i> , 2017, 8, 66.	2.8	8
106	Interaction between Soluble and Membrane-Embedded Potassium Channel Peptides Monitored by Fourier Transform Infrared Spectroscopy. <i>PLoS ONE</i> , 2012, 7, e49070.	2.5	7
107	Association of Myoinositol Transporters with Schizophrenia and Bipolar Disorder: Evidence from Human and Animal Studies. <i>Molecular Neuropsychiatry</i> , 2019, 5, 200-211.	2.9	7
108	The Amyloid Precursor Protein C99 Fragment Modulates Voltage-Gated Potassium Channels.. <i>Cellular Physiology and Biochemistry</i> , 2021, 55, 157-170.	1.6	7

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109	KCNQ and KCNE Isoform-Dependent Pharmacology Rationalizes Native American Dual Use of Specific Plants as Both Analgesics and Gastrointestinal Therapeutics. <i>Frontiers in Physiology</i> , 2021, 12, 777057.	2.8	7
110	Kv Channel Ancillary Subunits: Where Do We Go from Here?. <i>Physiology</i> , 2022, 37, 225-241.	3.1	7
111	Pharmacogenetics of drug-induced arrhythmias. <i>Expert Review of Clinical Pharmacology</i> , 2008, 1, 93-104.	3.1	6
112	The KCNE2 potassium channel $\beta^2$ subunit is required for normal lung function and resilience to ischemia and reperfusion injury. <i>FASEB Journal</i> , 2019, 33, 9762-9774.	0.5	6
113	AKT and ERK1/2 activation via remote ischemic preconditioning prevents <i>Kcne2</i> -dependent sudden cardiac death. <i>Physiological Reports</i> , 2019, 7, e13957.	1.7	6
114	Fluorescence Fluctuation Spectroscopy enables quantification of potassium channel subunit dynamics and stoichiometry. <i>Scientific Reports</i> , 2021, 11, 10719.	3.3	6
115	<i>Kcne4</i> deletion sex-specifically predisposes to cardiac arrhythmia via testosterone-dependent impairment of RISK/SAFE pathway induction in aged mice. <i>Scientific Reports</i> , 2018, 8, 8258.	3.3	5
116	<i>Kcne4</i> deletion sex dependently inhibits the RISK pathway response and exacerbates hepatic ischemia-reperfusion injury in mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2019, 316, R552-R562.	1.8	4
117	KCNQ1 rescues TMC1 plasma membrane expression but not mechanosensitive channel activity. <i>Journal of Cellular Physiology</i> , 2019, 234, 13361-13369.	4.1	4
118	Control of Biophysical and Pharmacological Properties of Potassium Channels by Ancillary Subunits. <i>Handbook of Experimental Pharmacology</i> , 2021, 267, 445-480.	1.8	4
119	Constitutively Activating GNAS Somatic Mutation in Right Ventricular Outflow Tract Tachycardia. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021, 14, e010082.	4.8	4
120	The focal adhesion protein Testin modulates KCNE2 potassium channel $\beta^2$ subunit activity. <i>Channels</i> , 2021, 15, 229-238.	2.8	4
121	Channel-transporter complexes: an emerging theme in cell signaling. <i>Biochemical Journal</i> , 2016, 473, 3759-3763.	3.7	3
122	Severe Patients With ARDS With COVID-19 Treated With Extracorporeal Membrane Oxygenation in China: A Retrospective Study. <i>Frontiers in Medicine</i> , 2021, 8, 699227.	2.6	3
123	Targeted deletion of <i>Kcne3</i> impairs skeletal muscle function in mice. <i>FASEB Journal</i> , 2017, 31, 2937-2947.	0.5	2
124	$\beta^2$ Subunits Control the Effects of Human Kv4.3 Potassium Channel Phosphorylation. <i>Frontiers in Physiology</i> , 2017, 8, 646.	2.8	2
125	Hypochlorhydria reduces mortality in heart failure caused by <i>Kcne2</i> gene deletion. <i>FASEB Journal</i> , 2020, 34, 10699-10719.	0.5	2
126	NHE Isoform Switching and KCHIP2 Upregulation in Aging Porcine Atria. <i>PLoS ONE</i> , 2013, 8, e82951.	2.5	2



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127	HERG biosynthesis: the positive influence of negative charge. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 296, H1211-H1212.	3.2	1
128	Antiarrhythmic Drugs. , 2013, , 426-444.		1
129	Antiarrhythmic Drugs. , 2019, , 556-574.		1
130	Protective effect of remote liver ischemic postconditioning on pulmonary ischemia and reperfusion injury in diabetic and non-diabetic rats. PLoS ONE, 2022, 17, e0268571.	2.5	1
131	Targeted Deletion of KCNE4 Impairs Ventricular Repolarization in Mice. Biophysical Journal, 2014, 106, 118a-119a.	0.5	0
132	Pharmacogenetic diversification by alternative translation initiation: background channels to the fore: Commentary on Kisselbach <i>et al</i> ., Br J Pharmacol 171: 5182-5194. British Journal of Pharmacology, 2015, 172, 4591-4593.	5.4	0
133	Molecular Mechanism Underlying a Traditional Anticonvulsant: Synergistic KCNQ2/3 Potassium Channel Activation by DUAL Components of Mallotus Oppositifolius Extract. Biophysical Journal, 2018, 114, 375a-376a.	0.5	0
134	Perchlorate Binding to a Cryptic Allosteric Site Changes the Mechanism of Iodide Transport by the Na <sup>+</sup> /I <sup>-</sup> Symporter (NIS). Biophysical Journal, 2019, 116, 553a.	0.5	0
135	Dynamic Characterization of KCNQ1 and its Regulatory Subunits Revealed by Fluorescence Fluctuation Techniques. Biophysical Journal, 2020, 118, 262a.	0.5	0
136	RNAi in Xenopus Laevis Oocytes. , 2004, , .		0
137	KCNE Regulation of KCNQ Channels. Physiology in Health and Disease, 2020, , 1011-1049.	0.3	0
138	Activation of SGK1.1 Upregulates the M-current in the Presence of Epilepsy Mutations. Frontiers in Molecular Neuroscience, 2021, 14, 798261.	2.9	0