SÃ¸ren-Peter Olesen

List of Publications by Year
in descending order

154 papers	10,767 citations	23500 58 h-index	35952 97 g-index
155 all docs	155 docs citations	155 times ranked	9858 citing authors

#	Article	IF	Citations
1	Recent Developments in the Pharmacology of Epithelial Ca2 +-Activated K+ Channels. Physiology in Health and Disease, 2020, , 967-1010.	0.2	1
2	TMEM16A is implicated in the regulation of coronary flow and is altered in hypertension. British Journal of Pharmacology, 2019, 176, 1635-1648.	2.7	34
3	Functional consequences of genetic variation in sodium channel modifiers in early onset lone atrial fibrillation. Personalized Medicine, 2018, 15, 93-102.	0.8	4
4	Magnetocardiography on an isolated animal heart with a room-temperature optically pumped magnetometer. Scientific Reports, 2018, 8, 16218.	1.6	53
5	Termination of Vernakalant-Resistant Atrial Fibrillation by Inhibition of Small-Conductance Ca ²⁺ -Activated K ⁺ Channels in Pigs. Circulation: Arrhythmia and Electrophysiology, 2017, 10, .	2.1	62
6	Trafficking of Kv2.1 Channels to the Axon Initial Segment by a Novel Nonconventional Secretory Pathway. Journal of Neuroscience, 2017, 37, 11523-11536.	1.7	44
7	Non-invasive detection of animal nerve impulses with an atomic magnetometer operating near quantum limited sensitivity. Scientific Reports, 2016, 6, 29638.	1.6	52
8	pH-dependent inhibition of K2P3.1 prolongs atrial refractoriness in whole hearts. Pflugers Archiv European Journal of Physiology, 2016, 468, 643-654.	1.3	19
9	Live Imaging of Kv7.2/7.3 Cell Surface Dynamics at the Axon Initial Segment: High Steady-State Stability and Calpain-Dependent Excitotoxic Downregulation Revealed. Journal of Neuroscience, 2016, 36, 2261-2266.	1.7	38
10	Recent Developments in the Pharmacology of Epithelial Ca2+-Activated K+ Channels. , 2016, , 857-899.		2
11	Preservation of cardiac function by prolonged action potentials in mice deficient of KChIP2. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 309, H481-H489.	1.5	11
12	Fundamental role for the KCNE4 ancillary subunit in Kv7.4 regulation of arterial tone. Journal of Physiology, 2015, 593, 5325-5340.	1.3	61
13	Protein kinase A stimulates Kv7.1 surface expression by regulating Nedd4-2-dependent endocytic trafficking. American Journal of Physiology - Cell Physiology, 2015, 309, C693-C706.	2.1	8
14	I_{Ks} Gainâ€•and Lossâ€ofâ€Function in Earlyâ€Onset Lone Atrial Fibrillation. Journal of Cardiovascular Electrophysiology, 2015, 26, 715-723.	0.8	28
15	Analysis of the Antitumor Activity of Clotrimazole on A375 Human Melanoma Cells. Anticancer Research, 2015, 35, 3781-6.	0.5	14
16	KCNMA1 Encoded Cardiac BK Channels Afford Protection against Ischemia-Reperfusion Injury. PLoS ONE, 2014, 9, e103402.	1.1	83
17	BK channel activators and their therapeutic perspectives. Frontiers in Physiology, 2014, 5, 389.	1.3	120
18	Gain-of-function mutations in potassium channel subunit KCNE2 associated with early-onset lone atrial fibrillation. Biomarkers in Medicine, 2014, 8, 557-570.	0.6	25

#	ARTICLE	IF	CITATIONS
19	Specific Sorting and Post-Golgi Trafficking of Dendritic Potassium Channels in Living Neurons. Journal of Biological Chemistry, 2014, 289, 10566-10581.	1.6	36
20	Loss of K⁺ Currents in Heart Failure Is Accentuated in KChIP2 Deficient Mice. Journal of Cardiovascular Electrophysiology, 2014, 25, 896-904.	0.8	19
21	Very early-onset lone atrial fibrillation patients have a high prevalence of rare variants in genes previously associated with atrial fibrillation. Heart Rhythm, 2014, 11, 246-251.	0.3	54
22	G-protein-coupled inward rectifier potassium current contributes to ventricular repolarization. Cardiovascular Research, 2014, 101, 175-184.	1.8	33
23	NS19504: A Novel BK Channel Activator with Relaxing Effect on Bladder Smooth Muscle Spontaneous Phasic Contractions. Journal of Pharmacology and Experimental Therapeutics, 2014, 350, 520-530.	1.3	29
24	Annotation of loci from genome-wide association studies using tissue-specific quantitative interaction proteomics. Nature Methods, 2014, 11, 868-874.	9.0	70
25	Cardiac Potassium Channel Subtypes: New Roles in Repolarization and Arrhythmia. Physiological Reviews, 2014, 94, 609-653.	13.1	181
26	Genetic variation in the two-pore domain potassium channel, TASK-1, may contribute to an atrial substrate for arrhythmogenesis. Journal of Molecular and Cellular Cardiology, 2014, 67, 69-76.	0.9	66
27	A Phosphoinositide 3-Kinase (PI3K)-serum- and glucocorticoid-inducible Kinase 1 (SGK1) Pathway Promotes Kv7.1 Channel Surface Expression by Inhibiting Nedd4-2 Protein. Journal of Biological Chemistry, 2013, 288, 36841-36854.	1.6	34
28	Development of heart failure is independent of K⁺ channelâ€interacting protein 2 expression. Journal of Physiology, 2013, 591, 5923-5937.	1.3	17
29	The phenotype characteristics of type 13 long QT syndrome with mutation in KCNJ5 (Kir3.4-G387R). Heart Rhythm, 2013, 10, 1500-1506.	0.3	26
30	A novel KCND3 gain-of-function mutation associated with early-onset of persistent lone atrial fibrillation. Cardiovascular Research, 2013, 98, 488-495.	1.8	104
31	Genetic variation in KCNA5: impact on the atrial-specific potassium current IKur in patients with lone atrial fibrillation. European Heart Journal, 2013, 34, 1517-1525.	1.0	119
32	Contribution of K v 7 Channels to Basal Coronary Flow and Active Response to Ischemia. Hypertension, 2013, 62, 1090-1097.	1.3	74
33	Tissue-specific effects of acetylcholine in the canine heart. American Journal of Physiology - Heart and Circulatory Physiology, 2013, 305, H66-H75.	1.5	24
34	The genetic component of Brugada syndrome. Frontiers in Physiology, 2013, 4, 179.	1.3	62
35	GIRK Channel Activation Via Adenosine or Muscarinic Receptors Has Similar Effects on Rat Atrial Electrophysiology. Journal of Cardiovascular Pharmacology, 2013, 62, 192-198.	0.8	21
36	Trafficking of the <scp>I_{Ks}</scp>â€Complex in <scp>MDCK</scp> Cells: Site ofÂSubunit Assembly and Determinants ofÂPolarized Localization. Traffic, 2013, 14, 399-411.	1.3	13

#	ARTICLE	IF	CITATIONS
37	K_{Ca}3.1 channel downregulation and impaired endotheliumâ€derived hyperpolarizationâ€type relaxation in pulmonary arteries from chronically hypoxic rats. Experimental Physiology, 2013, 98, 957-969.	0.9	15
38	High Prevalence of Long QT Syndromeâ€“Associated SCN5A Variants in Patients With Early-Onset Lone Atrial Fibrillation. Circulation: Cardiovascular Genetics, 2012, 5, 450-459.	5.1	129
39	Reduced KCNQ4-Encoded Voltage-Dependent Potassium Channel Activity Underlies Impaired Î²-Adrenoceptorâ€“Mediated Relaxation of Renal Arteries in Hypertension. Hypertension, 2012, 59, 877-884.	1.3	113
40	Deubiquitylating enzyme USP2 counteracts Nedd4-2â€“mediated downregulation of KCNQ1 potassium channels. Heart Rhythm, 2012, 9, 440-448.	0.3	34
41	Physiological consequences of transient outward K+ current activation during heart failure in the canine left ventricle. Journal of Molecular and Cellular Cardiology, 2012, 52, 1291-1298.	0.9	34
42	Familial Aggregation of Lone Atrial Fibrillation in Young Persons. Journal of the American College of Cardiology, 2012, 60, 917-921.	1.2	105
43	AMPâ€Activated Protein Kinase Downregulates Kv7.1 Cell Surface Expression. Traffic, 2012, 13, 143-156.	1.3	36
44	Extracellular Potassium Inhibits Kv7.1 Potassium Channels by Stabilizing an Inactivated State. Biophysical Journal, 2011, 101, 818-827.	0.2	16
45	Comparison of the Effects of a Transient Outward Potassium Channel Activator on Currents Recorded from Atrial and Ventricular Cardiomyocytes. Journal of Cardiovascular Electrophysiology, 2011, 22, 1057-1066.	0.8	30
46	Myocardial structural, contractile and electrophysiological changes in the guinea-pig heart failure model induced by chronic sympathetic activation. Experimental Physiology, 2011, 96, 647-663.	0.9	35
47	Characterization of cardiac repolarization in the GÃ¶ttingen minipig. Journal of Pharmacological and Toxicological Methods, 2011, 63, 186-195.	0.3	23
48	Minimum Information about a Cardiac Electrophysiology Experiment (MICEE): Standardised reporting for model reproducibility, interoperability, and data sharing. Progress in Biophysics and Molecular Biology, 2011, 107, 4-10.	1.4	75
49	Keeping the rhythm â€" Pro-arrhythmic investigations in isolated GÃ¶ttingen minipig hearts. Journal of Pharmacological and Toxicological Methods, 2011, 64, 134-144.	0.3	11
50	Downregulation of Kv7.4 Channel Activity in Primary and Secondary Hypertension. Circulation, 2011, 124, 602-611.	1.6	139
51	Mutations in sodium channel Î²-subunit SCN3B are associated with early-onset lone atrial fibrillation. Cardiovascular Research, 2011, 89, 786-793.	1.8	112
52	K_v7.1 surface expression is regulated by epithelial cell polarization. American Journal of Physiology - Cell Physiology, 2011, 300, C814-C824.	2.1	21
53	Identification of a Kir3.4 Mutation in Congenital Long QT Syndrome. American Journal of Human Genetics, 2010, 86, 872-880.	2.6	177
54	Synthesis and characterisation of NS13558: a new important tool for addressing KCa1.1 channel function ex vivo. Naunyn-Schmiedeberg's Archives of Pharmacology, 2010, 381, 271-283.	1.4	19

#	ARTICLE	IF	CITATIONS
55	Pharmacological Activation of I_{Kr} Impairs Conduction in Guinea Pig Hearts. Journal of Cardiovascular Electrophysiology, 2010, 21, 923-929.	0.8	15
56	Differential Expression of hERG1 Channel Isoforms Reproduces Properties of Native IKr and Modulates Cardiac Action Potential Characteristics. PLoS ONE, 2010, 5, e9021.	1.1	28
57	BK channel activation by NS11021 decreases excitability and contractility of urinary bladder smooth muscle. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 298, R378-R384.	0.9	48
58	Comparison of the Effects of the Transient Outward Potassium Channel Activator NS5806 on Canine Atrial and Ventricular Cardiomyocytes. Biophysical Journal, 2010, 98, 334a.	0.2	2
59	Differential effects of the transient outward K+ current activator NS5806 in the canine left ventricle. Journal of Molecular and Cellular Cardiology, 2010, 48, 191-200.	0.9	46
60	Activation of big conductance Ca2+-activated K+ channels (BK) protects the heart against ischemiaâ€“reperfusion injury. Pflugers Archiv European Journal of Physiology, 2009, 457, 979-988.	1.3	84
61	Functional properties of human neuronal Kv11 channels. Pflugers Archiv European Journal of Physiology, 2009, 458, 689-700.	1.3	15
62	Transmural expression of ion channels and transporters in human nondiseased and end-stage failing hearts. Pflugers Archiv European Journal of Physiology, 2009, 459, 11-23.	1.3	80
63	KCa 1â€”KCa5 families. , 2009, , 403-423.		3
64	Characterization of hERG1a and hERG1b potassium channelsâ€”a possible role for hERG1b in the I Kr current. Pflugers Archiv European Journal of Physiology, 2008, 456, 1137-1148.	1.3	58
65	Single-copy insertion of transgenes in Caenorhabditis elegans. Nature Genetics, 2008, 40, 1375-1383.	9.4	1,057
66	hERG1 channel activators: A new anti-arrhythmic principle. Progress in Biophysics and Molecular Biology, 2008, 98, 347-362.	1.4	45
67	Computational analysis of the effects of the hERG channel opener NS1643 in a human ventricular cell model. Heart Rhythm, 2008, 5, 734-741.	0.3	25
68	Biophysical Characterization of the Short QT Mutation hERG-N588K Reveals a Mixed Gain-and Loss-of-Function. Cellular Physiology and Biochemistry, 2008, 22, 611-624.	1.1	17
69	KCNE3 Mutation V17M Identified in a Patient with Lone Atrial Fibrillation. Cellular Physiology and Biochemistry, 2008, 21, 047-054.	1.1	78
70	BK Channel Modulators: A Comprehensive Overview. Current Medicinal Chemistry, 2008, 15, 1126-1146.	1.2	145
71	A transient outward potassium current activator recapitulates the electrocardiographic manifestations of Brugada syndrome. Cardiovascular Research, 2008, 81, 686-694.	1.8	99
72	In Vivo Effects of the IKr Agonist NS3623 on Cardiac Electrophysiology of the Guinea Pig. Journal of Cardiovascular Pharmacology, 2008, 52, 35-41.	0.8	31

#	ARTICLE	IF	CITATIONS
73	The Small Molecule NS11021 Is a Potent and Specific Activator of Ca²⁺-Activated Big-Conductance K⁺ Channels. Molecular Pharmacology, 2007, 72, 1033-1044.	1.0	106
74	The KCNQ1 potassium channel is down-regulated by ubiquitylating enzymes of the Nedd4/Nedd4-like family. Cardiovascular Research, 2007, 74, 64-74.	1.8	116
75	Pharmacological Activation of Rapid Delayed Rectifier Potassium Current Suppresses Bradycardia-Induced Triggered Activity in the Isolated Guinea Pig Heart. Journal of Pharmacology and Experimental Therapeutics, 2007, 321, 996-1002.	1.3	33
76	Requirement of subunit co-assembly and ankyrin-G for M-channel localization at the axon initial segment. Journal of Cell Science, 2007, 120, 953-963.	1.2	103
77	Activation of ERG2 potassium channels by the diphenylurea NS1643. Neuropharmacology, 2007, 53, 283-294.	2.0	17
78	Mutations in the Kv1.5 channel gene KCNA5 in cardiac arrest patients. Biochemical and Biophysical Research Communications, 2007, 354, 776-782.	1.0	26
79	KCNQ1 mutation Q147R is associated with atrial fibrillation and prolonged QT interval. Heart Rhythm, 2007, 4, 1532-1541.	0.3	103
80	Inactivation as a New Regulatory Mechanism for Neuronal Kv7 Channels. Biophysical Journal, 2007, 92, 2747-2756.	0.2	22
81	Acrylamides as potassium channel openers. Expert Opinion on Therapeutic Patents, 2007, 17, 1215-1226.	2.4	7
82	Modulation of ERG Channels by XE991. Basic and Clinical Pharmacology and Toxicology, 2007, 100, 316-322.	1.2	32
83	The corticosteroid hormone induced factor: A new modulator of KCNQ1 channels?. Biochemical and Biophysical Research Communications, 2006, 341, 979-988.	1.0	11
84	Subtype-specific, bi-component inhibition of SK channels by low internal pH. Biochemical and Biophysical Research Communications, 2006, 343, 943-949.	1.0	4
85	Frequency-dependent modulation of KCNQ1 and HERG1 potassium channels. Biochemical and Biophysical Research Communications, 2006, 343, 1224-1233.	1.0	14
86	KCNE3 is an inhibitory subunit of the Kv4.3 potassium channel. Biochemical and Biophysical Research Communications, 2006, 346, 958-967.	1.0	27
87	The acrylamide (S)-1 differentially affects Kv7 (KCNQ) potassium channels. Neuropharmacology, 2006, 51, 1068-1077.	2.0	80
88	Biophysical Characterization of the New Human Ether-A-Go-Go-Related Gene Channel Opener NS3623 [N-(4-Bromo-2-(1H-tetrazol-5-yl)-phenyl)-Nâ€²-(3â€²-trifluoromethylphenyl)urea]. Molecular Pharmacology, 2006, 70, 1319-1329.	1.0	67
89	Mechanism of Action of a Novel Humanether-a-go-go-Related Gene Channel Activator. Molecular Pharmacology, 2006, 69, 658-665.	1.0	112
90	Activation of Human ether-a-go-go-Related Gene Potassium Channels by the Diphenylurea 1,3-Bis-(2-hydroxy-5-trifluoromethyl-phenyl)-urea (NS1643). Molecular Pharmacology, 2006, 69, 266-277.	1.0	135

#	ARTICLE	IF	CITATIONS
91	Effect of beta-Adrenoceptor Blockers on HumanEther-a-go-go-Related Gene (HERG) Potassium Channels. Basic and Clinical Pharmacology and Toxicology, 2005, 96, 123-130.	1.2	22
92	Blockade of Ca2+-activated K+ channels in T cells: an option for the treatment of multiple sclerosis?. European Journal of Immunology, 2005, 35, 1023-1026.	1.6	13
93	The KCNQ1 Potassium Channel: From Gene to Physiological Function. Physiology, 2005, 20, 408-416.	1.6	224
94	Functional assessment of compound mutations in the KCNQ1 and KCNH2 genes associated with long QT syndrome. Heart Rhythm, 2005, 2, 1238-1249.	0.3	30
95	The KCNQ5 potassium channel from mouse: A broadly expressed M-current like potassium channel modulated by zinc, pH, and volume changes. Molecular Brain Research, 2005, 139, 52-62.	2.5	56
96	hKCNE4 inhibits the hKCNQ1 potassium current without affecting the activation kinetics. Biochemical and Biophysical Research Communications, 2005, 328, 1146-1153.	1.0	35
97	Subcellular localization of the delayed rectifier K+ channels KCNQ1 and ERG1 in the rat heart. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 286, H1300-H1309.	1.5	40
98	Basolateral localisation of KCNQ1 potassium channels in MDCK cells: molecular identification of an N-terminal targeting motif. Journal of Cell Science, 2004, 117, 4517-4526.	1.2	50
99	Modulation of KCNQ4 channel activity by changes in cell volume. Biochimica Et Biophysica Acta - Biomembranes, 2004, 1660, 1-6.	1.4	27
100	KCNQ Channels are Sensors of Cell Volume. , 2004, , 389-390.		0
101	Modulation of KCNQ4 Channels by Changes in Cell Volume. , 2004, , 401-403.		0
102	Pharmacological investigation of the role of ion channels in salivary secretion. Pflugers Archiv European Journal of Physiology, 2003, 446, 78-87.	1.3	9
103	Functional coupling between heterologously expressed dopamine D2 receptors and KCNQ channels. Pflugers Archiv European Journal of Physiology, 2003, 446, 684-694.	1.3	28
104	Voltage-independent KCNQ4 currents induced by (Â±)BMS-204352. Pflugers Archiv European Journal of Physiology, 2003, 446, 607-616.	1.3	23
105	A radiolabeled peptide ligand of the hERG channel, [125 I]-BeKm-1. Pflugers Archiv European Journal of Physiology, 2003, 447, 55-63.	1.3	18
106	Characterization of two new dominant ClC-1 channel mutations associated with myotonia. Muscle and Nerve, 2003, 28, 722-732.	1.0	20
107	KCNQ1 Channels Sense Small Changes in Cell Volume. Journal of Physiology, 2003, 549, 419-427.	1.3	83
108	Cell swelling activates cloned Ca2+-activated K+ channels: a role for the F-actin cytoskeleton. Biochimica Et Biophysica Acta - Biomembranes, 2003, 1615, 115-125.	1.4	39

#	ARTICLE	IF	CITATIONS
109	KCNE4 Is an Inhibitory Subunit to Kv1.1 and Kv1.3 Potassium Channels. Biophysical Journal, 2003, 85, 1525-1537.	0.2	58
110	High Throughput Electrophysiology: New Perspectives for Ion Channel Drug Discovery. Receptors and Channels, 2003, 9, 3-12.	1.1	21
111	High Throughput Electrophysiology: New Perspectives for Ion Channel Drug Discovery. Receptors and Channels, 2003, 9, 3-12.	1.1	35
112	New Binding Site on Common Molecular Scaffold Provides HERG Channel Specificity of Scorpion Toxin BeKm-1. Journal of Biological Chemistry, 2002, 277, 43104-43109.	1.6	59
113	KCNE5 Induces Time- and Voltage-Dependent Modulation of the KCNQ1 Current. Biophysical Journal, 2002, 83, 1997-2006.	0.2	98
114	Activation of KCNQ5 channels stably expressed in HEK293 cells by BMS-204352. European Journal of Pharmacology, 2002, 437, 129-137.	1.7	62
115	Regulation of cloned, Ca2+-activated K+ channels by cell volume changes. Pflugers Archiv European Journal of Physiology, 2002, 444, 167-177.	1.3	45
116	CNTF inhibits high voltage activated Ca2+ currents in fetal mouse cortical neurones. Journal of Neurochemistry, 2002, 82, 495-503.	2.1	13
117	KCNE4 is an inhibitory subunit to the KCNQ1 channel. Journal of Physiology, 2002, 542, 119-130.	1.3	135
118	Pharmacological modulation of SK3 channels. Neuropharmacology, 2001, 40, 879-887.	2.0	116
119	KCNQ4 channel activation by BMS-204352 and retigabine. Neuropharmacology, 2001, 40, 888-898.	2.0	114
120	An ERG Channel Inhibitor from the Scorpion Buthus eupeus. Journal of Biological Chemistry, 2001, 276, 9868-9876.	1.6	85
121	KCNQ4 channels expressed in mammalian cells: functional characteristics and pharmacology. American Journal of Physiology - Cell Physiology, 2001, 280, C859-C866.	2.1	100
122	Apamin interacts with all subtypes of cloned small-conductance Ca 2+ -activated K + channels. Pflugers Archiv European Journal of Physiology, 2001, 441, 544-550.	1.3	116
123	Identification of a novel voltage-gated Na+ channel rNav1.5a in the rat hippocampal progenitor stem cell line HiB5. Pflugers Archiv European Journal of Physiology, 2001, 443, 18-30.	1.3	22
124	Pharmacological characterization of small-conductance Ca2+ -activated K+ channels stably expressed in HEK 293 cells. British Journal of Pharmacology, 2000, 129, 991-999.	2.7	164
125	Inhibition of the human intermediate-conductance, Ca2+-activated K+ channel by intracellular acidification. Pflugers Archiv European Journal of Physiology, 2000, 440, 153-156.	1.3	10
126	Activation of the human, intermediate-conductance, Ca2+-activated K+ channel by methylxanthines. Pflugers Archiv European Journal of Physiology, 2000, 440, 809-818.	1.3	32

#	ARTICLE	IF	CITATIONS
127	Inhibition of T cell proliferation by selective block of Ca2+-activated K+ channels. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 10917-10921.	3.3	88
128	Functional Characterization of a Cloned Human Intermediate-Conductance Ca2+-Activated K+ Channel. Annals of the New York Academy of Sciences, 1999, 868, 423-426.	1.8	4
129	Activation of the human intermediate-conductance Ca2+-activated K+ channel by 1-ethyl-2-benzimidazolinone is strongly Ca2+-dependent. Biochimica Et Biophysica Acta - Biomembranes, 1999, 1420, 231-240.	1.4	75
130	Characterization of NS 2028 as a specific inhibitor of soluble guanylyl cyclase. British Journal of Pharmacology, 1998, 123, 299-309.	2.7	101
131	Hydralazine-induced vasodilation involves opening of high conductance Ca2+-activated K+ channels. European Journal of Pharmacology, 1998, 361, 43-49.	1.7	37
132	Characterization of the cloned human intermediate-conductance Ca²⁺-activated K⁺channel. American Journal of Physiology - Cell Physiology, 1998, 275, C848-C856.	2.1	210
133	Coronary Vasorelaxant Effect of Levosimendan, a New Inodilator with Calcium-Sensitizing Properties. Journal of Cardiovascular Pharmacology, 1998, 31, 741-749.	0.8	117
134	Stable expression of the human large-conductance Ca2+-activated K+channel Î±- and Î²-subunits in HEK293 cells. FEBS Letters, 1997, 415, 67-70.	1.3	58
135	Activation of calcium-dependent potassium channels in rat brain neurons by neurotrophin-3 and nerve growth factor. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 1002-1006.	3.3	62
136	Relaxation of Rat Resistance Arteries by Acetylcholine Involves a Dual Mechanism: Activation of K⁺ Channels and Formation of Nitric Oxide. Basic and Clinical Pharmacology and Toxicology, 1997, 80, 280-285.	0.0	13
137	P₂â€purinoceptorâ€mediated formation of inositol phosphates and intracellular Ca²⁺ transients in human coronary artery smooth muscle cells. British Journal of Pharmacology, 1996, 118, 1645-1652.	2.7	43
138	Modulation of the Ca 2+ -dependent K + Channel, hslo , by the Substituted Diphenylurea NS 1608, Paxilline and Internal Ca 2+. Neuropharmacology, 1996, 35, 903-914.	2.0	82
139	Cloning, expression, and distribution of a Ca(2+)-activated K+ channel beta-subunit from human brain.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 9200-9205.	3.3	157
140	Opening of large-conductance calcium-activated potassium channels by the substituted benzimidazolone NS004. Journal of Neurophysiology, 1994, 71, 1873-1882.	0.9	63
141	NS 004â€”an activator of Ca2+-dependent K+ channels in cerebellar granule cells. NeuroReport, 1994, 5, 1001-1004.	0.6	50
142	ATP-dependent closure and reactivation of inward rectifier K+ channels in endothelial cells.. Circulation Research, 1993, 73, 492-495.	2.0	31
143	Chlorideâ€selective channels of large conductance in bovine aortic endothelial cells. Acta Physiologica Scandinavica, 1992, 144, 191-198.	2.3	29
144	Modulation of Endothelial Permeability: Role of Receptors, Second Messengers and Ion Channels. , 1989, , 21-27.		0

#	ARTICLE	IF	CITATIONS
145	Haemodynamic shear stress activates a K+ current in vascular endothelial cells. Nature, 1988, 331, 168-170.	13.7	961
146	Regulation of ion permeability in frog brain venules. Significance of calcium, cyclic nucleotides and protein kinase C.. Journal of Physiology, 1987, 387, 59-68.	1.3	34
147	Free oxygen radicals decrease electrical resistance of microvascular endothelium in brain. Acta Physiologica Scandinavica, 1987, 129, 181-187.	2.3	57
148	Leakiness of rat brain microvessels to fluorescent probes following craniotomy. Acta Physiologica Scandinavica, 1987, 130, 63-68.	2.3	69
149	Rapid increase in blood-brain barrier permeability during severe hypoxia and metabolic inhibition. Brain Research, 1986, 368, 24-29.	1.1	75
150	Substances that rapidly augment ionic conductance of endothelium in cerebral venules. Acta Physiologica Scandinavica, 1986, 127, 233-241.	2.3	101
151	Electrical resistance of arterioles and venules in the hamster cheek pouch. Acta Physiologica Scandinavica, 1985, 123, 121-126.	2.3	4
152	A calciumâ€dependent reversible permeability increase in microvessels in frog brain, induced by serotonin.. Journal of Physiology, 1985, 361, 103-113.	1.3	64
153	Electrical resistance of muscle capillary endothelium. Biophysical Journal, 1983, 42, 31-41.	0.2	60
154	Electrical resistance of brain microvascular endothelium. Brain Research, 1982, 241, 49-55.	1.1	464