

Thomas Jespersen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/753785/publications.pdf>

Version: 2024-02-01

157
papers

5,443
citations

87401

40
h-index

116156

66
g-index

159
all docs

159
docs citations

159
times ranked

6281
citing authors

#	ARTICLE	IF	CITATIONS
1	Adiposity-associated atrial fibrillation: molecular determinants, mechanisms, and clinical significance. <i>Cardiovascular Research</i> , 2023, 119, 614-630.	1.8	15
2	Usefulness of left atrial strain for predicting incident atrial fibrillation and ischaemic stroke in the general population. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, 363-371.	0.5	28
3	Antiarrhythmic investigations in large animal models of atrial fibrillation. <i>British Journal of Pharmacology</i> , 2022, 179, 838-858.	2.7	14
4	Gut microbiota, dysbiosis and atrial fibrillation. Arrhythmogenic mechanisms and potential clinical implications. <i>Cardiovascular Research</i> , 2022, 118, 2415-2427.	1.8	45
5	Pharmacological inhibition of acetylcholine-regulated potassium current (IK,ACh) prevents atrial arrhythmogenic changes in a rat model of repetitive obstructive respiratory events. <i>Heart Rhythm O2</i> , 2022, 3, 97-104.	0.6	2
6	Sleep apnea and atrial fibrillation: challenges in clinical and translational research. <i>Expert Review of Cardiovascular Therapy</i> , 2022, 20, 101-109.	0.6	9
7	Clinical Implications of <i>SCN10A</i> Loss-of-Function Variants in 169,610 Exomes Representing the General Population. <i>Circulation Genomic and Precision Medicine</i> , 2022, 15, CIRCGEN121003574.	1.6	1
8	Muscarinic Receptor Activation Reduces Force and Arrhythmias in Human Atria Independent of IK,ACh. <i>Journal of Cardiovascular Pharmacology</i> , 2022, 79, 678-686.	0.8	4
9	Mechanisms and Therapeutic Opportunities in Atrial Fibrillation in Relationship to Alcohol Use and Abuse. <i>Canadian Journal of Cardiology</i> , 2022, 38, 1352-1363.	0.8	8
10	Electrocardiographic characteristics of trained and untrained standardbred racehorses. <i>Journal of Veterinary Internal Medicine</i> , 2022, 36, 1119-1130.	0.6	9
11	Necropsy Validation of a Novel Method for Left Ventricular Mass Quantification in Porcine Transthoracic and Transdiaphragmal Echocardiography. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 868603.	1.1	0
12	The impact of an atrial septal defect on the progression of atrial tachypacing-induced atrial fibrillation in a Danish Landrace pig: A case report. <i>IJC Heart and Vasculature</i> , 2022, 40, 101054.	0.6	0
13	Implantable loop recorders can detect paroxysmal atrial fibrillation in Standardbred racehorses with intermittent poor performance. <i>Equine Veterinary Journal</i> , 2021, 53, 955-963.	0.9	12
14	First catheter-based high-density endocardial 3D electroanatomical mapping of the right atrium in standing horses. <i>Equine Veterinary Journal</i> , 2021, 53, 186-193.	0.9	12
15	Detection of atrial fibrillation with implantable loop recorders in horses. <i>Equine Veterinary Journal</i> , 2021, 53, 397-403.	0.9	11
16	Cause-specific mortality in children and young adults with diabetes mellitus: A Danish nationwide cohort study. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 159-165.	0.8	28
17	A novel approach for obtaining 12-lead electrocardiograms in horses. <i>Journal of Veterinary Internal Medicine</i> , 2021, 35, 521-531.	0.6	12
18	Repeated exposure to transient obstructive sleep apnea-related conditions causes an atrial fibrillation substrate in a chronic rat model. <i>Heart Rhythm</i> , 2021, 18, 455-464.	0.3	26

#	ARTICLE	IF	CITATIONS
19	Inhibition of Small-Conductance Calcium-Activated Potassium Current (IK,Ca) Leads to Differential Atrial Electrophysiological Effects in a Horse Model of Persistent Atrial Fibrillation. <i>Frontiers in Physiology</i> , 2021, 12, 614483.	1.3	9
20	Change in global longitudinal strain following acute coronary syndrome and subsequent risk of heart failure. <i>International Journal of Cardiovascular Imaging</i> , 2021, 37, 3193-3202.	0.7	0
21	Effective termination of atrial fibrillation by SK channel inhibition is associated with a sudden organization of fibrillatory conduction. <i>Europace</i> , 2021, 23, 1847-1859.	0.7	9
22	Age-dependent transition from islet insulin hypersecretion to hyposecretion in mice with the long QT-syndrome loss-of-function mutation <i>Kcnq1-A340V</i> . <i>Scientific Reports</i> , 2021, 11, 12253.	1.6	10
23	Personalized management of sleep apnea in patients with atrial fibrillation: An interdisciplinary and translational challenge. <i>IJC Heart and Vasculature</i> , 2021, 35, 100843.	0.6	0
24	Arrhythmogenic mechanisms of acute obstructive respiratory events in a porcine model of drug-induced long QT. <i>Heart Rhythm</i> , 2021, 18, 1384-1391.	0.3	10
25	Increased fibroblast accumulation in the equine heart following persistent atrial fibrillation. <i>IJC Heart and Vasculature</i> , 2021, 35, 100842.	0.6	5
26	[⁶⁸ Ga]Ga-NODAGA-E[(cRGDyK)] ₂ Angiogenesis PET/MR in a Porcine Model of Chronic Myocardial Infarction. <i>Diagnostics</i> , 2021, 11, 1807.	1.3	4
27	Myocardial performance index by tissue Doppler echocardiography predicts adverse events in patients with atrial fibrillation. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 560-566.	0.5	5
28	The gut microbial-derived metabolite trimethylamine N-oxide: A missing link between lifestyle-components and atrial fibrillation?. <i>IJC Heart and Vasculature</i> , 2020, 29, 100581.	0.6	1
29	Inhibition of sodium-proton-exchanger subtype 3-mediated sodium absorption in the gut: A new antihypertensive concept. <i>IJC Heart and Vasculature</i> , 2020, 29, 100591.	0.6	9
30	In vivo knockdown of SK3 channels using antisense oligonucleotides protects against atrial fibrillation in rats. <i>Journal of Molecular and Cellular Cardiology</i> , 2020, 147, 18-26.	0.9	5
31	Pharmacological inhibition of sodium-proton-exchanger subtype 3-mediated sodium absorption in the gut reduces atrial fibrillation susceptibility in obese spontaneously hypertensive rats. <i>IJC Heart and Vasculature</i> , 2020, 28, 100534.	0.6	4
32	Urinary markers of nucleic acid oxidation increase with age, obesity and insulin resistance in Danish children and adolescents. <i>Free Radical Biology and Medicine</i> , 2020, 155, 81-86.	1.3	8
33	Inhibition of Adenosine Pathway Alters Atrial Electrophysiology and Prevents Atrial Fibrillation. <i>Frontiers in Physiology</i> , 2020, 11, 493.	1.3	12
34	Effect of the antipsychotic drug haloperidol on arrhythmias during acute myocardial infarction in a porcine model. <i>IJC Heart and Vasculature</i> , 2020, 26, 100455.	0.6	2
35	Pulmonary vein firing initiating atrial fibrillation in the horse: Oversized dimensions but similar mechanisms. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 1211-1212.	0.8	24
36	Comparison of hemodynamics, cardiac electrophysiology, and ventricular arrhythmia in an open- and a closed-chest porcine model of acute myocardial infarction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 318, H391-H400.	1.5	10

#	ARTICLE	IF	CITATIONS
37	Early Systolic Lengthening in Patients With STâ€Segmentâ€Elevation Myocardial Infarction: A Novel Predictor of Cardiovascular Events. <i>Journal of the American Heart Association</i> , 2020, 9, e013835.	1.6	13
38	The Acetylcholine-Activated Potassium Current Inhibitor XAF-1407 Terminates Persistent Atrial Fibrillation in Goats. <i>Frontiers in Pharmacology</i> , 2020, 11, 608410.	1.6	10
39	Effect of selective <i>I_{K,ACh}</i> inhibition by XAF-1407 in an equine model of tachypacingâ€induced persistent atrial fibrillation. <i>British Journal of Pharmacology</i> , 2020, 177, 3778-3794.	2.7	26
40	Arrhythmia development during inhibition of small-conductance calcium-activated potassium channels in acute myocardial infarction in a porcine model. <i>Europace</i> , 2019, 21, 1584-1593.	0.7	13
41	The KCa2 Channel Inhibitor AP14145, But Not Dofetilide or Ondansetron, Provides Functional Atrial Selectivity in Guinea Pig Hearts. <i>Frontiers in Pharmacology</i> , 2019, 10, 668.	1.6	10
42	Longitudinal study of electrical, functional and structural remodelling in an equine model of atrial fibrillation. <i>BMC Cardiovascular Disorders</i> , 2019, 19, 228.	0.7	33
43	Impact of arrhythmogenic calmodulin variants on small conductance Ca ²⁺ -activated K ⁺ (SK3) channels. <i>Physiological Reports</i> , 2019, 7, e14210.	0.7	8
44	Effects of dofetilide and ranolazine on atrial fibrillatory rate in a horse model of acutely induced atrial fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 596-606.	0.8	14
45	Utility of left atrial strain for predicting atrial fibrillation following ischemic stroke. <i>International Journal of Cardiovascular Imaging</i> , 2019, 35, 1605-1613.	0.7	27
46	Associations between thyroid-stimulating hormone, blood pressure and adiponectin are attenuated in children and adolescents with overweight or obesity. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2019, 32, 1351-1358.	0.4	2
47	Ventricular Arrhythmias in First Acute Myocardial Infarction: Epidemiology, Mechanisms, and Interventions in Large Animal Models. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 158.	1.1	53
48	Amiodarone Treatment in the Early Phase of Acute Myocardial Infarction Protects Against Ventricular Fibrillation in a Porcine Model. <i>Journal of Cardiovascular Translational Research</i> , 2019, 12, 321-330.	1.1	15
49	A Novel <i>SCN5A</i> Variant Associated with Abnormal Repolarization, Atrial Fibrillation, and Reversible Cardiomyopathy. <i>Cardiology</i> , 2018, 140, 8-13.	0.6	3
50	Next-generation sequencing of AV nodal reentrant tachycardia patients identifies broad spectrum of variants in ion channel genes. <i>European Journal of Human Genetics</i> , 2018, 26, 660-668.	1.4	12
51	The sodium channel activator Lu AE98134 normalizes the altered firing properties of fast spiking interneurons in <i>Dlx5/6</i> -â€ mice. <i>Neuroscience Letters</i> , 2018, 662, 29-35.	1.0	5
52	Regulation of Kv1.4 potassium channels by PKC and AMPK kinases. <i>Channels</i> , 2018, 12, 34-44.	1.5	8
53	Antiarrhythmic Effects of Combining Dofetilide and Ranolazine in a Model of Acutely Induced Atrial Fibrillation in Horses. <i>Journal of Cardiovascular Pharmacology</i> , 2018, 71, 26-35.	0.8	18
54	Effect of induced chronic atrial fibrillation on exercise performance in Standardbred trotters. <i>Journal of Veterinary Internal Medicine</i> , 2018, 32, 1410-1419.	0.6	28

#	ARTICLE	IF	CITATIONS
55	Inhibition of Small Conductance Calcium-Activated Potassium (SK) Channels Prevents Arrhythmias in Rat Atria During β^2 -Adrenergic and Muscarinic Receptor Activation. <i>Frontiers in Physiology</i> , 2018, 9, 510.	1.3	22
56	Time-dependent antiarrhythmic effects of flecainide on induced atrial fibrillation in horses. <i>Journal of Veterinary Internal Medicine</i> , 2018, 32, 1708-1717.	0.6	13
57	Pharmacological rescue of mutated Kv3.1 ion-channel linked to progressive myoclonus epilepsies. <i>European Journal of Pharmacology</i> , 2018, 833, 255-262.	1.7	12
58	Patients With Long-QT Syndrome Caused by Impaired <i>hERG</i> -Encoded K _v 11.1 Potassium Channel Have Exaggerated Endocrine Pancreatic and Incretin Function Associated With Reactive Hypoglycemia. <i>Circulation</i> , 2017, 135, 1705-1719.	1.6	33
59	Kv3.1/Kv3.2 channel positive modulators enable faster activating kinetics and increase firing frequency in fast-spiking GABAergic interneurons. <i>Neuropharmacology</i> , 2017, 118, 102-112.	2.0	37
60	Rat Models of Ventricular Fibrillation Following Acute Myocardial Infarction. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2017, 22, 514-528.	1.0	16
61	Pharmacological blockade of small conductance Ca ²⁺ -activated K ⁺ channels by ICA reduces arrhythmic load in rats with acute myocardial infarction. <i>Pflügers Archiv European Journal of Physiology</i> , 2017, 469, 739-750.	1.3	13
62	Termination of Vernakalant-Resistant Atrial Fibrillation by Inhibition of Small-Conductance Ca ²⁺ -Activated K ⁺ Channels in Pigs. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2017, 10, .	2.1	62
63	Electrophysiologic effects of the <i>hKv3.1</i> inhibitor PA-6 are modulated by extracellular potassium in isolated guinea pig hearts. <i>Physiological Reports</i> , 2017, 5, e13120.	0.7	13
64	Two missense mutations in <i>KCNQ1</i> cause pituitary hormone deficiency and maternally inherited gingival fibromatosis. <i>Nature Communications</i> , 2017, 8, 1289.	5.8	33
65	Stability of Circulating Blood-Based MicroRNAs – Pre-Analytic Methodological Considerations. <i>PLoS ONE</i> , 2017, 12, e0167969.	1.1	247
66	Effect of flecainide on atrial fibrillatory rate in a large animal model with induced atrial fibrillation. <i>BMC Cardiovascular Disorders</i> , 2017, 17, 289.	0.7	16
67	A Multiple Kernel Learning Framework to Investigate the Relationship Between Ventricular Fibrillation and First Myocardial Infarction. <i>Lecture Notes in Computer Science</i> , 2017, , 161-171.	1.0	2
68	From CMR Image to Patient-Specific Simulation and Population-Based Analysis: Tutorial for an Openly Available Image-Processing Pipeline. <i>Lecture Notes in Computer Science</i> , 2017, , 106-117.	1.0	2
69	The Arrhythmogenic Calmodulin Mutation D129G Dysregulates Cell Growth, Calmodulin-dependent Kinase II Activity, and Cardiac Function in Zebrafish. <i>Journal of Biological Chemistry</i> , 2016, 291, 26636-26646.	1.6	24
70	Refractoriness in human atria: Time and voltage dependence of sodium channel availability. <i>Journal of Molecular and Cellular Cardiology</i> , 2016, 101, 26-34.	0.9	35
71	Antiarrhythmic effect of the Ca ²⁺ -activated K ⁺ (SK) channel inhibitor ICA combined with either amiodarone or dofetilide in an isolated heart model of atrial fibrillation. <i>Pflügers Archiv European Journal of Physiology</i> , 2016, 468, 1853-1863.	1.3	13
72	Pharmacological inhibition of <i>hKv3.1</i> by PA-6 in isolated rat hearts affects ventricular repolarization and refractoriness. <i>Physiological Reports</i> , 2016, 4, e12734.	0.7	7

#	ARTICLE	IF	CITATIONS
73	Pharmacological exploration of the resting membrane potential reserve: Impact on atrial fibrillation. <i>European Journal of Pharmacology</i> , 2016, 771, 56-64.	1.7	11
74	Diet-induced pre-diabetes slows cardiac conductance and promotes arrhythmogenesis. <i>Cardiovascular Diabetology</i> , 2015, 14, 87.	2.7	45
75	Antiarrhythmic Effect of Either Negative Modulation or Blockade of Small Conductance Ca ²⁺ -activated K ⁺ Channels on Ventricular Fibrillation in Guinea Pig Langendorff-perfused Heart. <i>Journal of Cardiovascular Pharmacology</i> , 2015, 66, 294-299.	0.8	15
76	Antiarrhythmic Mechanisms of SK Channel Inhibition in the Rat Atrium. <i>Journal of Cardiovascular Pharmacology</i> , 2015, 66, 165-176.	0.8	27
77	The role of the sodium current complex in a nonreferred nationwide cohort of sudden infant death syndrome. <i>Heart Rhythm</i> , 2015, 12, 1241-1249.	0.3	26
78	Synergistic antiarrhythmic effect of combining inhibition of Ca ²⁺ -activated K ⁺ (SK) channels and voltage-gated Na ⁺ channels in an isolated heart model of atrial fibrillation. <i>Heart Rhythm</i> , 2015, 12, 409-418.	0.3	28
79	Common and Rare Variants in SCN10A Modulate the Risk of Atrial Fibrillation. <i>Circulation: Cardiovascular Genetics</i> , 2015, 8, 64-73.	5.1	50
80	Pharmacologic inhibition of small-conductance calcium-activated potassium (SK) channels by NS8593 reveals atrial antiarrhythmic potential in horses. <i>Heart Rhythm</i> , 2015, 12, 825-835.	0.3	70
81	Biophysical characterization of KV3.1 potassium channel activating compounds. <i>European Journal of Pharmacology</i> , 2015, 758, 164-170.	1.7	20
82	Combined gating and trafficking defect in Kv11.1 manifests as a malignant long QT syndrome phenotype in a large Danish p.F29L founder family. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2015, 75, 699-709.	0.6	8
83	PKC and AMPK regulation of Kv1.5 potassium channels. <i>Channels</i> , 2015, 9, 121-128.	1.5	27
84	Common and Rare Variants in <i>SCN10A</i> Modulate the Risk of Atrial Fibrillation. <i>Circulation: Cardiovascular Genetics</i> , 2015, 8, 64-73.	5.1	59
85	Late Sodium Current in Human Atrial Cardiomyocytes from Patients in Sinus Rhythm and Atrial Fibrillation. <i>PLoS ONE</i> , 2015, 10, e0131432.	1.1	70
86	Biophysical characterization of inwardly rectifying potassium currents (I(K1) I(K,ACh), I(K,Ca)) using sinus rhythm or atrial fibrillation action potential waveforms. <i>General Physiology and Biophysics</i> , 2015, 34, 383-92.	0.4	8
87	Small-conductance calcium-activated potassium (SK) channels contribute to action potential repolarization in human atria. <i>Cardiovascular Research</i> , 2014, 103, 156-167.	1.8	168
88	Investigations of the Na ^v β1b sodium channel subunit in human ventricle; functional characterization of the H162P Brugada syndrome mutant. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 306, H1204-H1212.	1.5	25
89	G-protein-coupled inward rectifier potassium current contributes to ventricular repolarization. <i>Cardiovascular Research</i> , 2014, 101, 175-184.	1.8	33
90	Flecainide Provocation Reveals Concealed Brugada Syndrome in a Long QT Syndrome Family With a Novel L1786Q Mutation in SCN5A. <i>Circulation Journal</i> , 2014, 78, 1136-1143.	0.7	22

#	ARTICLE	IF	CITATIONS
91	A Phosphoinositide 3-Kinase (PI3K)-serum- and glucocorticoid-inducible Kinase 1 (SGK1) Pathway Promotes Kv7.1 Channel Surface Expression by Inhibiting Nedd4-2 Protein. <i>Journal of Biological Chemistry</i> , 2013, 288, 36841-36854.	1.6	34
92	Double Mutation at the Putative Protein Kinase C Phosphorylation Sites Thr ¹⁵¹ Plus Thr ³²³ in the Mouse LeukotrieneD ₄ Receptor Eliminates Homologous Desensitization. <i>Cellular Physiology and Biochemistry</i> , 2013, 31, 366-378.	1.1	3
93	GIRK Channel Activation Via Adenosine or Muscarinic Receptors Has Similar Effects on Rat Atrial Electrophysiology. <i>Journal of Cardiovascular Pharmacology</i> , 2013, 62, 192-198.	0.8	21
94	The Role of <i>CAV3</i> in Long QT Syndrome. <i>Circulation: Cardiovascular Genetics</i> , 2013, 6, 452-461.	5.1	27
95	High Prevalence of Long QT Syndrome Associated <i>SCN5A</i> Variants in Patients With Early-Onset Lone Atrial Fibrillation. <i>Circulation: Cardiovascular Genetics</i> , 2012, 5, 450-459.	5.1	129
96	Attenuated Ventricular β -Adrenergic Response and Reduced Repolarization Reserve in a Rabbit Model of Chronic Heart Failure. <i>Journal of Cardiovascular Pharmacology</i> , 2012, 59, 142-150.	0.8	9
97	The Prevalence of Mutations in <i>KCNQ1</i> , <i>KCNH2</i> , and <i>SCN5A</i> in an Unselected National Cohort of Young Sudden Unexplained Death Cases. <i>Journal of Cardiovascular Electrophysiology</i> , 2012, 23, 1092-1098.	0.8	69
98	Deubiquitylating enzyme USP2 counteracts Nedd4-2-mediated downregulation of KCNQ1 potassium channels. <i>Heart Rhythm</i> , 2012, 9, 440-448.	0.3	34
99	Functionally Selective AT1 Receptor Activation Reduces Ischemia Reperfusion Injury. <i>Cellular Physiology and Biochemistry</i> , 2012, 30, 642-652.	1.1	16
100	AMP-Activated Protein Kinase Downregulates Kv7.1 Cell Surface Expression. <i>Traffic</i> , 2012, 13, 143-156.	1.3	36
101	A Novel Nonsense Variant in Nav1.5 Cofactor MOG1 Eliminates Its Sodium Current Increasing Effect and May Increase the Risk of Arrhythmias. <i>Canadian Journal of Cardiology</i> , 2011, 27, 523.e17-523.e23.	0.8	45
102	Comparison of the Effects of a Transient Outward Potassium Channel Activator on Currents Recorded from Atrial and Ventricular Cardiomyocytes. <i>Journal of Cardiovascular Electrophysiology</i> , 2011, 22, 1057-1066.	0.8	30
103	Regulation and physiological function of Nav1.5 and KCNQ1 channels. <i>Acta Physiologica</i> , 2011, 202, 1-26.	1.8	3
104	Characterization of cardiac repolarization in the Göttingen minipig. <i>Journal of Pharmacological and Toxicological Methods</i> , 2011, 63, 186-195.	0.3	23
105	Keeping the rhythm Pro-arrhythmic investigations in isolated Göttingen minipig hearts. <i>Journal of Pharmacological and Toxicological Methods</i> , 2011, 64, 134-144.	0.3	11
106	Effects on Atrial Fibrillation in Aged Hypertensive Rats by Ca ²⁺ -Activated K ⁺ Channel Inhibition. <i>Hypertension</i> , 2011, 57, 1129-1135.	1.3	96
107	Cardiac Channelopathies and Sudden Infant Death Syndrome. <i>Cardiology</i> , 2011, 119, 21-33.	0.6	37
108	Mutations in sodium channel β -subunit SCN3B are associated with early-onset lone atrial fibrillation. <i>Cardiovascular Research</i> , 2011, 89, 786-793.	1.8	112

#	ARTICLE	IF	CITATIONS
109	Screening of KCNN3 in patients with early-onset lone atrial fibrillation. <i>Europace</i> , 2011, 13, 963-967.	0.7	44
110	Identification of a Kir3.4 Mutation in Congenital Long QT Syndrome. <i>American Journal of Human Genetics</i> , 2010, 86, 872-880.	2.6	177
111	Effect of the I _{to} activator NS5806 on cloned K _v 4 channels depends on the accessory protein KChIP2. <i>British Journal of Pharmacology</i> , 2010, 160, 2028-2044.	2.7	41
112	Inherited Cardiac Diseases Caused by Mutations in the Nav1.5 Sodium Channel. <i>Journal of Cardiovascular Electrophysiology</i> , 2010, 21, 107-115.	0.8	75
113	Sick Sinus Syndrome, Progressive Cardiac Conduction Disease, Atrial Flutter and Ventricular Tachycardia Caused by a Novel δ SCN5A Mutation. <i>Cardiology</i> , 2010, 115, 311-316.	0.6	21
114	Comparison of the Effects of the Transient Outward Potassium Channel Activator NS5806 on Canine Atrial and Ventricular Cardiomyocytes. <i>Biophysical Journal</i> , 2010, 98, 334a.	0.2	2
115	Differential effects of the transient outward K ⁺ current activator NS5806 in the canine left ventricle. <i>Journal of Molecular and Cellular Cardiology</i> , 2010, 48, 191-200.	0.9	46
116	Inhibition of Small-Conductance Ca ²⁺ -Activated K ⁺ Channels Terminates and Protects Against Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2010, 3, 380-390.	2.1	164
117	A Novel δ SCN5A Mutation in a Patient with Coexistence of Brugada Syndrome Traits and Ischaemic Heart Disease. <i>Case Reports in Medicine</i> , 2009, 2009, 1-4.	0.3	1
118	Activation of big conductance Ca ²⁺ -activated K ⁺ channels (BK) protects the heart against ischemia-reperfusion injury. <i>Pflügers Archiv European Journal of Physiology</i> , 2009, 457, 979-988.	1.3	84
119	Transmural expression of ion channels and transporters in human nondiseased and end-stage failing hearts. <i>Pflügers Archiv European Journal of Physiology</i> , 2009, 459, 11-23.	1.3	80
120	Ventricular tachycardia in a Brugada syndrome patient caused by a novel deletion in SCN5A. <i>Canadian Journal of Cardiology</i> , 2009, 25, 156-160.	0.8	14
121	Antiarrhythmic effect of IKr activation in a cellular model of LQT3. <i>Heart Rhythm</i> , 2009, 6, 100-106.	0.3	19
122	Pharmacologically Induced Long QT Type 2 Can Be Rescued by Activation of IKs With Benzodiazepine R-L3 in Isolated Guinea Pig Cardiomyocytes. <i>Journal of Cardiovascular Pharmacology</i> , 2009, 54, 169-177.	0.8	18
123	Characterization of hERG1a and hERG1b potassium channels—a possible role for hERG1b in the I _{Kr} current. <i>Pflügers Archiv European Journal of Physiology</i> , 2008, 456, 1137-1148.	1.3	58
124	Analyses of a novel SCN5A mutation (C1850S): conduction vs. repolarization disorder hypotheses in the Brugada syndrome. <i>Cardiovascular Research</i> , 2008, 78, 494-504.	1.8	37
125	The KCNQ1 potassium channel is down-regulated by ubiquitylating enzymes of the Nedd4/Nedd4-like family. <i>Cardiovascular Research</i> , 2007, 74, 64-74.	1.8	116
126	Electrophysiological characterization of hERG1a and hERG1b Homo- and heteromeric channels. <i>Journal of Molecular and Cellular Cardiology</i> , 2007, 42, S17-S18.	0.9	2

#	ARTICLE	IF	CITATIONS
127	Brugada Syndrome Unmasked by Accidental Inhalation of Gasoline Vapors. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2007, 30, 1294-1298.	0.5	7
128	The corticosteroid hormone induced factor: A new modulator of KCNQ1 channels?. <i>Biochemical and Biophysical Research Communications</i> , 2006, 341, 979-988.	1.0	11
129	Subtype-specific, bi-component inhibition of SK channels by low internal pH. <i>Biochemical and Biophysical Research Communications</i> , 2006, 343, 943-949.	1.0	4
130	Cardiac sodium channel Nav1.5 interacts with and is regulated by the protein tyrosine phosphatase PTPH1. <i>Biochemical and Biophysical Research Communications</i> , 2006, 348, 1455-1462.	1.0	75
131	Molecular determinants of voltage-gated sodium channel regulation by the Nedd4/Nedd4-like proteins. <i>American Journal of Physiology - Cell Physiology</i> , 2005, 288, C692-C701.	2.1	121
132	The KCNQ1 Potassium Channel: From Gene to Physiological Function. <i>Physiology</i> , 2005, 20, 408-416.	1.6	224
133	The KCNQ5 potassium channel from mouse: A broadly expressed M-current like potassium channel modulated by zinc, pH, and volume changes. <i>Molecular Brain Research</i> , 2005, 139, 52-62.	2.5	56
134	hKCNE4 inhibits the hKCNQ1 potassium current without affecting the activation kinetics. <i>Biochemical and Biophysical Research Communications</i> , 2005, 328, 1146-1153.	1.0	35
135	An RNA secondary structure bias for non-homologous reverse transcriptase-mediated deletions in vivo. <i>Nucleic Acids Research</i> , 2004, 32, 2039-2048.	6.5	15
136	Basolateral localisation of KCNQ1 potassium channels in MDCK cells: molecular identification of an N-terminal targeting motif. <i>Journal of Cell Science</i> , 2004, 117, 4517-4526.	1.2	50
137	Difference in allelic expression of the CLCN1 gene and the possible influence on the myotonia congenita phenotype. <i>European Journal of Human Genetics</i> , 2004, 12, 738-743.	1.4	69
138	5-HT1A receptors modulate small-conductance Ca ²⁺ -activated K ⁺ channels. <i>Journal of Neuroscience Research</i> , 2004, 78, 845-854.	1.3	42
139	Does KCNE5 play a role in long QT syndrome?. <i>Clinica Chimica Acta</i> , 2004, 345, 49-53.	0.5	10
140	Transgene stability for three replication-competent murine leukemia virus vectors. <i>Gene</i> , 2004, 329, 61-69.	1.0	10
141	KCNQ Channels are Sensors of Cell Volume. , 2004, , 389-390.		0
142	Characterization of two new dominant ClC-1 channel mutations associated with myotonia. <i>Muscle and Nerve</i> , 2003, 28, 722-732.	1.0	20
143	Solid-Phase Synthesis and Biological Activity of a Thioether Analogue of Conotoxin G1. <i>ChemBioChem</i> , 2003, 4, 186-194.	1.3	46
144	KCNQ1 Channels Sense Small Changes in Cell Volume. <i>Journal of Physiology</i> , 2003, 549, 419-427.	1.3	83

#	ARTICLE	IF	CITATIONS
145	KCNE4 Is an Inhibitory Subunit to Kv1.1 and Kv1.3 Potassium Channels. <i>Biophysical Journal</i> , 2003, 85, 1525-1537.	0.2	58
146	Mutational library analysis of selected amino acids in the receptor binding domain of envelope of Akv murine leukemia virus by conditionally replication competent bicistronic vectors. <i>Gene</i> , 2003, 315, 51-61.	1.0	9
147	KCNE5 Induces Time- and Voltage-Dependent Modulation of the KCNQ1 Current. <i>Biophysical Journal</i> , 2002, 83, 1997-2006.	0.2	98
148	Dual-Function Vector for Protein Expression in Both Mammalian Cells and <i>Xenopus laevis</i> Oocytes. <i>BioTechniques</i> , 2002, 32, 536-540.	0.8	135
149	Activation of KCNQ5 channels stably expressed in HEK293 cells by BMS-204352. <i>European Journal of Pharmacology</i> , 2002, 437, 129-137.	1.7	62
150	KCNE4 is an inhibitory subunit to the KCNQ1 channel. <i>Journal of Physiology</i> , 2002, 542, 119-130.	1.3	135
151	Pharmacological modulation of SK3 channels. <i>Neuropharmacology</i> , 2001, 40, 879-887.	2.0	116
152	KCNQ4 channel activation by BMS-204352 and retigabine. <i>Neuropharmacology</i> , 2001, 40, 888-898.	2.0	114
153	An ERG Channel Inhibitor from the Scorpion <i>Buthus eupeus</i> . <i>Journal of Biological Chemistry</i> , 2001, 276, 9868-9876.	1.6	85
154	Functional Testing of a Bicistronic Retroviral Vector for Intracellular Peptide Production. <i>BioTechniques</i> , 1999, 26, 1032-1036.	0.8	6
155	Expression of heterologous genes from an IRES translational cassette in replication competent murine leukemia virus vectors. <i>Gene</i> , 1999, 239, 227-235.	1.0	32
156	Efficient Non-PCR-Mediated Overlap Extension of PCR Fragments by Exonuclease "End Polishing". <i>BioTechniques</i> , 1997, 23, 48-52.	0.8	6
157	MR-proANP measured at admission is associated with incident atrial fibrillation in STEMI patients. <i>Heart and Vessels</i> , 0, , .	0.5	0