Thomas Jespersen

List of Publications by Year
in descending order

157	5,443	76326	102487
papers	citations	40	66
		h-index	g-index

159	159	159	5807
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Stability of Circulating Blood-Based MicroRNAs â€“ Pre-Analytic Methodological Considerations. PLoS ONE, 2017, 12, e0167969.	2.5	247
2	The KCNQ1 Potassium Channel: From Gene to Physiological Function. Physiology, 2005, 20, 408-416.	3.1	224
3	Identification of a Kir3.4 Mutation in Congenital Long QT Syndrome. American Journal of Human Genetics, 2010, 86, 872-880.	6.2	177
4	Small-conductance calcium-activated potassium (SK) channels contribute to action potential repolarization in human atria. Cardiovascular Research, 2014, 103, 156-167.	3.8	168
5	Inhibition of Small-Conductance Ca ²⁺ -Activated K ⁺ Channels Terminates and Protects Against Atrial Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2010, 3, 380-390.	4.8	164
6	Dual-Function Vector for Protein Expression in Both Mammalian Cells and Xenopus laevis Oocytes. BioTechniques, 2002, 32, 536-540.	1.8	135
7	KCNE4 is an inhibitory subunit to the KCNQ1 channel. Journal of Physiology, 2002, 542, 119-130.	2.9	135
8	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
9	Molecular determinants of voltage-gated sodium channel regulation by the Nedd4/Nedd4-like proteins. American Journal of Physiology - Cell Physiology, 2005, 288, C692-C701.	4.6	121
10	Pharmacological modulation of SK3 channels. Neuropharmacology, 2001, 40, 879-887.	4.1	116
11	The KCNQ1 potassium channel is down-regulated by ubiquitylating enzymes of the Nedd4/Nedd4-like family. Cardiovascular Research, 2007, 74, 64-74.	3.8	116
12	KCNQ4 channel activation by BMS-204352 and retigabine. Neuropharmacology, 2001, 40, 888-898.	4.1	114
13	Mutations in sodium channel Î²-subunit SCN3B are associated with early-onset lone atrial fibrillation. Cardiovascular Research, 2011, 89, 786-793.	3.8	112
14	KCNE5 Induces Time- and Voltage-Dependent Modulation of the KCNQ1 Current. Biophysical Journal, 2002, 83, 1997-2006.	0.5	98
15	Effects on Atrial Fibrillation in Aged Hypertensive Rats by Ca ²⁺ -Activated K ⁺ Channel Inhibition. Hypertension, 2011, 57, 1129-1135.	2.7	96
16	An ERG Channel Inhibitor from the Scorpion Buthus eupeus. Journal of Biological Chemistry, 2001, 276, 9868-9876.	3.4	85
17	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.	2.8	84
18	KCNQ1 Channels Sense Small Changes in Cell Volume. Journal of Physiology, 2003, 549, 419-427.	2.9	83

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19	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.	2.8	80
20	Cardiac sodium channel Nav1.5 interacts with and is regulated by the protein tyrosine phosphatase PTPH1. Biochemical and Biophysical Research Communications, 2006, 348, 1455-1462.	2.1	75
21	Inherited Cardiac Diseases Caused by Mutations in the Nav1.5 Sodium Channel. Journal of Cardiovascular Electrophysiology, 2010, 21, 107-115.	1.7	75
22	Pharmacologic inhibition of small-conductance calcium-activated potassium (SK) channels by NS8593 reveals atrial antiarrhythmic potential in horses. Heart Rhythm, 2015, 12, 825-835.	0.7	70
23	Late Sodium Current in Human Atrial Cardiomyocytes from Patients in Sinus Rhythm and Atrial Fibrillation. PLoS ONE, 2015, 10, e0131432.	2.5	70
24	Difference in allelic expression of the CLCN1 gene and the possible influence on the myotonia congenita phenotype. European Journal of Human Genetics, 2004, 12, 738-743.	2.8	69
25	The Prevalence of Mutations in KCNQ1, KCNH2, and SCN5A in an Unselected National Cohort of Young Sudden Unexplained Death Cases. Journal of Cardiovascular Electrophysiology, 2012, 23, 1092-1098.	1.7	69
26	Activation of KCNQ5 channels stably expressed in HEK293 cells by BMS-204352. European Journal of Pharmacology, 2002, 437, 129-137.	3.5	62
27	Termination of Vernakalant-Resistant Atrial Fibrillation by Inhibition of Small-Conductance Ca ²⁺ -Activated K ⁺ Channels in Pigs. Circulation: Arrhythmia and Electrophysiology, 2017, 10, .	4.8	62
28	Common and Rare Variants in SCN10A Modulate the Risk of Atrial Fibrillation. Circulation: Cardiovascular Genetics, 2015, 8, 64-73.	5.1	59
29	KCNE4 Is an Inhibitory Subunit to Kv1.1 and Kv1.3 Potassium Channels. Biophysical Journal, 2003, 85, 1525-1537.	0.5	58
30	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.	2.8	58
31	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.	2.3	56
32	Ventricular Arrhythmias in First Acute Myocardial Infarction: Epidemiology, Mechanisms, and Interventions in Large Animal Models. Frontiers in Cardiovascular Medicine, 2019, 6, 158.	2.4	53
33	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.	2.0	50
34	Common and Rare Variants in SCN10A Modulate the Risk of Atrial Fibrillation. Circulation: Cardiovascular Genetics, 2015, 8, 64-73.	5.1	50
35	Solid-Phase Synthesis and Biological Activity of a Thioether Analogue of Conotoxin G1. ChemBioChem, 2003, 4, 186-194.	2.6	46
36	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.	1.9	46

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37	A Novel Nonsense Variant in Nav1.5 Cofactor MOG1 Eliminates Its Sodium Current Increasing Effect and May Increase the Risk of Arrhythmias. Canadian Journal of Cardiology, 2011, 27, 523.e17-523.e23.	1.7	45
38	Diet-induced pre-diabetes slows cardiac conductance and promotes arrhythmogenesis. Cardiovascular Diabetology, 2015, 14, 87.	6.8	45
39	Gut microbiota, dysbiosis and atrial fibrillation. Arrhythmogenic mechanisms and potential clinical implications. Cardiovascular Research, 2022, 118, 2415-2427.	3.8	45
40	Screening of KCNN3 in patients with early-onset lone atrial fibrillation. Europace, 2011, 13, 963-967.	1.7	44
41	5-HT1A receptors modulate small-conductance Ca2+-activated K+ channels. Journal of Neuroscience Research, 2004, 78, 845-854.	2.9	42
42	Effect of the I_{to} activator NS5806 on cloned K_v4 channels depends on the accessory protein KChIP2. British Journal of Pharmacology, 2010, 160, 2028-2044.	5.4	41
43	Analyses of a novel SCN5A mutation (C1850S): conduction vs. repolarization disorder hypotheses in the Brugada syndrome. Cardiovascular Research, 2008, 78, 494-504.	3.8	37
44	Cardiac Channelopathies and Sudden Infant Death Syndrome. Cardiology, 2011, 119, 21-33.	1.4	37
45	Kv3.1/Kv3.2 channel positive modulators enable faster activating kinetics and increase firing frequency in fast-spiking GABAergic interneurons. Neuropharmacology, 2017, 118, 102-112.	4.1	37
46	AMPâ€Activated Protein Kinase Downregulates Kv7.1 Cell Surface Expression. Traffic, 2012, 13, 143-156.	2.7	36
47	hKCNE4 inhibits the hKCNQ1 potassium current without affecting the activation kinetics. Biochemical and Biophysical Research Communications, 2005, 328, 1146-1153.	2.1	35
48	Refractoriness in human atria: Time and voltage dependence of sodium channel availability. Journal of Molecular and Cellular Cardiology, 2016, 101, 26-34.	1.9	35
49	Deubiquitylating enzyme USP2 counteracts Nedd4-2â€“mediated downregulation of KCNQ1 potassium channels. Heart Rhythm, 2012, 9, 440-448.	0.7	34
50	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.	3.4	34
51	G-protein-coupled inward rectifier potassium current contributes to ventricular repolarization. Cardiovascular Research, 2014, 101, 175-184.	3.8	33
52	Patients With Long-QT Syndrome Caused by Impaired hERG -Encoded K _v 11.1 Potassium Channel Have Exaggerated Endocrine Pancreatic and Incretin Function Associated With Reactive Hypoglycemia. Circulation, 2017, 135, 1705-1719.	1.6	33
53	Two missense mutations in KCNQ1 cause pituitary hormone deficiency and maternally inherited gingival fibromatosis. Nature Communications, 2017, 8, 1289.	12.8	33
54	Longitudinal study of electrical, functional and structural remodelling in an equine model of atrial fibrillation. BMC Cardiovascular Disorders, 2019, 19, 228.	1.7	33

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55	Expression of heterologous genes from an IRES translational cassette in replication competent murine leukemia virus vectors. Gene, 1999, 239, 227-235.	2.2	32
56	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.	1.7	30
57	Synergistic antiarrhythmic effect of combining inhibition of Ca2+-activated K+ (SK) channels and voltage-gated Na+ channels in an isolated heart model of atrial fibrillation. Heart Rhythm, 2015, 12, 409-418.	0.7	28
58	Effect of induced chronic atrial fibrillation on exercise performance in Standardbred trotters. Journal of Veterinary Internal Medicine, 2018, 32, 1410-1419.	1.6	28
59	Usefulness of left atrial strain for predicting incident atrial fibrillation and ischaemic stroke in the general population. European Heart Journal Cardiovascular Imaging, 2022, 23, 363-371.	1.2	28
60	Cause-specific mortality in children and young adults with diabetes mellitus: A Danish nationwide cohort study. European Journal of Preventive Cardiology, 2021, 28, 159-165.	1.8	28
61	The Role of CAV3 in Longâ€“QT Syndrome. Circulation: Cardiovascular Genetics, 2013, 6, 452-461.	5.1	27
62	Antiarrhythmic Mechanisms of SK Channel Inhibition in the Rat Atrium. Journal of Cardiovascular Pharmacology, 2015, 66, 165-176.	1.9	27
63	PKC and AMPK regulation of Kv1.5 potassium channels. Channels, 2015, 9, 121-128.	2.8	27
64	Utility of left atrial strain for predicting atrial fibrillation following ischemic stroke. International Journal of Cardiovascular Imaging, 2019, 35, 1605-1613.	1.5	27
65	The role of the sodium current complex in a nonreferred nationwide cohort of sudden infant death syndrome. Heart Rhythm, 2015, 12, 1241-1249.	0.7	26
66	Repeated exposure to transient obstructive sleep apneaâ€“related conditions causes an atrial fibrillation substrate in a chronic rat model. Heart Rhythm, 2021, 18, 455-464.	0.7	26
67	Effect of selective I_{K,ACh} inhibition by XAFâ€1407 in an equine model of tachypacingâ€induced persistent atrial fibrillation. British Journal of Pharmacology, 2020, 177, 3778-3794.	5.4	26
68	Investigations of the Na_vÎ²1b sodium channel subunit in human ventricle; functional characterization of the H162P Brugada syndrome mutant. American Journal of Physiology - Heart and Circulatory Physiology, 2014, 306, H1204-H1212.	3.2	25
69	The Arrhythmogenic Calmodulin Mutation D129G Dysregulates Cell Growth, Calmodulin-dependent Kinase II Activity, and Cardiac Function in Zebrafish. Journal of Biological Chemistry, 2016, 291, 26636-26646.	3.4	24
70	Pulmonary vein firing initiating atrial fibrillation in the horse: Oversized dimensions but similar mechanisms. Journal of Cardiovascular Electrophysiology, 2020, 31, 1211-1212.	1.7	24
71	Characterization of cardiac repolarization in the GÃ¶ttingen minipig. Journal of Pharmacological and Toxicological Methods, 2011, 63, 186-195.	0.7	23
72	Flecainide Provocation Reveals Concealed Brugada Syndrome in a Long QT Syndrome Family With a Novel L1786Q Mutation in SCN5A. Circulation Journal, 2014, 78, 1136-1143.	1.6	22

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73	Inhibition of Small Conductance Calcium-Activated Potassium (SK) Channels Prevents Arrhythmias in Rat Atria During Î²-Adrenergic and Muscarinic Receptor Activation. Frontiers in Physiology, 2018, 9, 510.	2.8	22
74	Sick Sinus Syndrome, Progressive Cardiac Conduction Disease, Atrial Flutter and Ventricular Tachycardia Caused by a Novel <i>SCN5A</i> Mutation. Cardiology, 2010, 115, 311-316.	1.4	21
75	GIRK Channel Activation Via Adenosine or Muscarinic Receptors Has Similar Effects on Rat Atrial Electrophysiology. Journal of Cardiovascular Pharmacology, 2013, 62, 192-198.	1.9	21
76	Characterization of two new dominant ClC-1 channel mutations associated with myotonia. Muscle and Nerve, 2003, 28, 722-732.	2.2	20
77	Biophysical characterization of KV3.1 potassium channel activating compounds. European Journal of Pharmacology, 2015, 758, 164-170.	3.5	20
78	Antiarrhythmic effect of IKr activation in a cellular model of LQT3. Heart Rhythm, 2009, 6, 100-106.	0.7	19
79	Pharmacologically Induced Long QT Type 2 Can Be Rescued by Activation of IKs With Benzodiazepine R-L3 in Isolated Guinea Pig Cardiomyocytes. Journal of Cardiovascular Pharmacology, 2009, 54, 169-177.	1.9	18
80	Antiarrhythmic Effects of Combining Dofetilide and Ranolazine in a Model of Acutely Induced Atrial Fibrillation in Horses. Journal of Cardiovascular Pharmacology, 2018, 71, 26-35.	1.9	18
81	Functionally Selective AT1Receptor Activation Reduces Ischemia Reperfusion Injury. Cellular Physiology and Biochemistry, 2012, 30, 642-652.	1.6	16
82	Rat Models of Ventricular Fibrillation Following Acute Myocardial Infarction. Journal of Cardiovascular Pharmacology and Therapeutics, 2017, 22, 514-528.	2.0	16
83	Effect of flecainide on atrial fibrillatory rate in a large animal model with induced atrial fibrillation. BMC Cardiovascular Disorders, 2017, 17, 289.	1.7	16
84	An RNA secondary structure bias for non-homologous reverse transcriptase-mediated deletions in vivo. Nucleic Acids Research, 2004, 32, 2039-2048.	14.5	15
85	Antiarrhythmic Effect of Either Negative Modulation or Blockade of Small Conductance Ca2+-activated K+ Channels on Ventricular Fibrillation in Guinea Pig Langendorff-perfused Heart. Journal of Cardiovascular Pharmacology, 2015, 66, 294-299.	1.9	15
86	Amiodarone Treatment in the Early Phase of Acute Myocardial Infarction Protects Against Ventricular Fibrillation in a Porcine Model. Journal of Cardiovascular Translational Research, 2019, 12, 321-330.	2.4	15
87	Adiposity-associated atrial fibrillation: molecular determinants, mechanisms, and clinical significance. Cardiovascular Research, 2023, 119, 614-630.	3.8	15
88	Ventricular tachycardia in a Brugada syndrome patient caused by a novel deletion in SCN5A. Canadian Journal of Cardiology, 2009, 25, 156-160.	1.7	14
89	Effects of dofetilide and ranolazine on atrial fibrillatory rate in a horse model of acutely induced atrial fibrillation. Journal of Cardiovascular Electrophysiology, 2019, 30, 596-606.	1.7	14
90	Antiâ€arrhythmic investigations in large animal models of atrial fibrillation. British Journal of Pharmacology, 2022, 179, 838-858.	5.4	14

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91	Antiarrhythmic effect of the Ca2+-activated K+ (SK) channel inhibitor ICA combined with either amiodarone or dofetilide in an isolated heart model of atrial fibrillation. Pflugers Archiv European Journal of Physiology, 2016, 468, 1853-1863.	2.8	13
92	Pharmacological blockade of small conductance Ca2+-activated K+ channels by ICA reduces arrhythmic load in rats with acute myocardial infarction. Pflugers Archiv European Journal of Physiology, 2017, 469, 739-750.	2.8	13
93	Electrophysiologic effects of the I _K ₁ inhibitor PA-6 are modulated by extracellular potassium in isolated guinea pig hearts. Physiological Reports, 2017, 5, e13120.	1.7	13
94	Timeâ€dependent antiarrhythmic effects of flecainide on induced atrial fibrillation in horses. Journal of Veterinary Internal Medicine, 2018, 32, 1708-1717.	1.6	13
95	Arrhythmia development during inhibition of small-conductance calcium-activated potassium channels in acute myocardial infarction in a porcine model. Europace, 2019, 21, 1584-1593.	1.7	13
96	Early Systolic Lengthening in Patients With STâ€Segmentâ€“Elevation Myocardial Infarction: A Novel Predictor of Cardiovascular Events. Journal of the American Heart Association, 2020, 9, e013835.	3.7	13
97	Next-generation sequencing of AV nodal reentrant tachycardia patients identifies broad spectrum of variants in ion channel genes. European Journal of Human Genetics, 2018, 26, 660-668.	2.8	12
98	Pharmacological rescue of mutated Kv3.1 ion-channel linked to progressive myoclonus epilepsies. European Journal of Pharmacology, 2018, 833, 255-262.	3.5	12
99	Implantable loop recorders can detect paroxysmal atrial fibrillation in Standardbred racehorses with intermittent poor performance. Equine Veterinary Journal, 2021, 53, 955-963.	1.7	12
100	Inhibition of Adenosine Pathway Alters Atrial Electrophysiology and Prevents Atrial Fibrillation. Frontiers in Physiology, 2020, 11, 493.	2.8	12
101	First catheterâ€based highâ€density endocardial 3D electroanatomical mapping of the right atrium in standing horses. Equine Veterinary Journal, 2021, 53, 186-193.	1.7	12
102	A novel approach for obtaining 12â€lead electrocardiograms in horses. Journal of Veterinary Internal Medicine, 2021, 35, 521-531.	1.6	12
103	The corticosteroid hormone induced factor: A new modulator of KCNQ1 channels?. Biochemical and Biophysical Research Communications, 2006, 341, 979-988.	2.1	11
104	Keeping the rhythm â€" Pro-arrhythmic investigations in isolated GÃ¶ttingen minipig hearts. Journal of Pharmacological and Toxicological Methods, 2011, 64, 134-144.	0.7	11
105	Pharmacological exploration of the resting membrane potential reserve: Impact on atrial fibrillation. European Journal of Pharmacology, 2016, 771, 56-64.	3.5	11
106	Detection of atrial fibrillation with implantable loop recorders in horses. Equine Veterinary Journal, 2021, 53, 397-403.	1.7	11
107	Does KCNE5 play a role in long QT syndrome?. Clinica Chimica Acta, 2004, 345, 49-53.	1.1	10
108	Transgene stability for three replication-competent murine leukemia virus vectors. Gene, 2004, 329, 61-69.	2.2	10

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109	The KCa2 Channel Inhibitor AP14145, But Not Dofetilide or Ondansetron, Provides Functional Atrial Selectivity in Guinea Pig Hearts. Frontiers in Pharmacology, 2019, 10, 668.	3.5	10
110	Comparison of hemodynamics, cardiac electrophysiology, and ventricular arrhythmia in an open- and a closed-chest porcine model of acute myocardial infarction. American Journal of Physiology - Heart and Circulatory Physiology, 2020, 318, H391-H400.	3.2	10
111	Age-dependent transition from islet insulin hypersecretion to hyposecretion in mice with the long QT-syndrome loss-of-function mutation Kcnq1-A340V. Scientific Reports, 2021, 11, 12253.	3.3	10
112	Arrhythmogenic mechanisms of acute obstructive respiratory events in a porcine model of drug-induced long QT. Heart Rhythm, 2021, 18, 1384-1391.	0.7	10
113	The Acetylcholine-Activated Potassium Current Inhibitor XAF-1407 Terminates Persistent Atrial Fibrillation in Goats. Frontiers in Pharmacology, 2020, 11, 608410.	3.5	10
114	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. Gene, 2003, 315, 51-61.	2.2	9
115	Attenuated Ventricular Î²-Adrenergic Response and Reduced Repolarization Reserve in a Rabbit Model of Chronic Heart Failure. Journal of Cardiovascular Pharmacology, 2012, 59, 142-150.	1.9	9
116	Inhibition of sodium-proton-exchanger subtype 3-mediated sodium absorption in the gut: A new antihypertensive concept. IJC Heart and Vasculature, 2020, 29, 100591.	1.1	9
117	Inhibition of Small-Conductance Calcium-Activated Potassium Current (IK,Ca) Leads to Differential Atrial Electrophysiological Effects in a Horse Model of Persistent Atrial Fibrillation. Frontiers in Physiology, 2021, 12, 614483.	2.8	9
118	Effective termination of atrial fibrillation by SK channel inhibition is associated with a sudden organization of fibrillatory conduction. Europace, 2021, 23, 1847-1859.	1.7	9
119	Sleep apnea and atrial fibrillation: challenges in clinical and translational research. Expert Review of Cardiovascular Therapy, 2022, 20, 101-109.	1.5	9
120	Electrocardiographic characteristics of trained and untrained standardbred racehorses. Journal of Veterinary Internal Medicine, 2022, 36, 1119-1130.	1.6	9
121	Combined gating and trafficking defect in Kv11.1 manifests as a malignant long QT syndrome phenotype in a large Danish p.F29L founder family. Scandinavian Journal of Clinical and Laboratory Investigation, 2015, 75, 699-709.	1.2	8
122	Regulation of Kv1.4 potassium channels by PKC and AMPK kinases. Channels, 2018, 12, 34-44.	2.8	8
123	Impact of arrhythmogenic calmodulin variants on small conductance Ca ²⁺ â€activated K ⁺ (SK3) channels. Physiological Reports, 2019, 7, e14210.	1.7	8
124	Urinary markers of nucleic acid oxidation increase with age, obesity and insulin resistance in Danish children and adolescents. Free Radical Biology and Medicine, 2020, 155, 81-86.	2.9	8
125	Biophysical characterization of inwardly rectifying potassium currents (I(K1) I(K,ACh), I(K,Ca)) using sinus rhythm or atrial fibrillation action potential waveforms. General Physiology and Biophysics, 2015, 34, 383-92.	0.9	8
126	Mechanisms and Therapeutic Opportunities in Atrial Fibrillation in Relationship to Alcohol Use and Abuse. Canadian Journal of Cardiology, 2022, 38, 1352-1363.	1.7	8

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127	Brugada Syndrome Unmasked by Accidental Inhalation of Gasoline Vapors. PACE - Pacing and Clinical Electrophysiology, 2007, 30, 1294-1298.	1.2	7
128	Pharmacological inhibition of I _K ₁ by PA-6 in isolated rat hearts affects ventricular repolarization and refractoriness. Physiological Reports, 2016, 4, e12734.	1.7	7
129	Efficient Non-PCR-Mediated Overlap Extension of PCR Fragments by Exonuclease â€œEnd Polishingâ€. BioTechniques, 1997, 23, 48-52.	1.8	6
130	Functional Testing of a Bicistronic Retroviral Vector for Intracellular Peptide Production. BioTechniques, 1999, 26, 1032-1036.	1.8	6
131	The sodium channel activator Lu AE98134 normalizes the altered firing properties of fast spiking interneurons in Dlx5/6+/â^' mice. Neuroscience Letters, 2018, 662, 29-35.	2.1	5
132	Myocardial performance index by tissue Doppler echocardiography predicts adverse events in patients with atrial fibrillation. European Heart Journal Cardiovascular Imaging, 2020, 21, 560-566.	1.2	5
133	In vivo knockdown of SK3 channels using antisense oligonucleotides protects against atrial fibrillation in rats. Journal of Molecular and Cellular Cardiology, 2020, 147, 18-26.	1.9	5
134	Increased fibroblast accumulation in the equine heart following persistent atrial fibrillation. IJC Heart and Vasculature, 2021, 35, 100842.	1.1	5
135	Subtype-specific, bi-component inhibition of SK channels by low internal pH. Biochemical and Biophysical Research Communications, 2006, 343, 943-949.	2.1	4
136	Pharmacological inhibition of sodium-proton-exchanger subtype 3-mediated sodium absorption in the gut reduces atrial fibrillation susceptibility in obese spontaneously hypertensive rats. IJC Heart and Vasculature, 2020, 28, 100534.	1.1	4
137	[68Ga]Ga-NODAGA-E[(cRGDyK)]2 Angiogenesis PET/MR in a Porcine Model of Chronic Myocardial Infarction. Diagnostics, 2021, 11, 1807.	2.6	4
138	Muscarinic Receptor Activation Reduces Force and Arrhythmias in Human Atria Independent of IK,ACh. Journal of Cardiovascular Pharmacology, 2022, 79, 678-686.	1.9	4
139	Regulation and physiological function of Na_v1.5 and KCNQ1 channels. Acta Physiologica, 2011, 202, 1-26.	3.8	3
140	Double Mutation at the Putative Protein Kinase C Phosphorylation Sites Thr¹⁵¹Plus Thr³²³in the Mouse LeukotrieneD₄Receptor Eliminates Homologous Desensitization. Cellular Physiology and Biochemistry, 2013, 31, 366-378.	1.6	3
141	A Novel <i>SCN5A</i> Variant Associated with Abnormal Repolarization, Atrial Fibrillation, and Reversible Cardiomyopathy. Cardiology, 2018, 140, 8-13.	1.4	3
142	Electrophysiological characterization of hERG1a and hERG1b Homo- and heteromeric channels. Journal of Molecular and Cellular Cardiology, 2007, 42, S17-S18.	1.9	2
143	Comparison of the Effects of the Transient Outward Potassium Channel Activator NS5806 on Canine Atrial and Ventricular Cardiomyocytes. Biophysical Journal, 2010, 98, 334a.	0.5	2
144	Associations between thyroid-stimulating hormone, blood pressure and adiponectin are attenuated in children and adolescents with overweight or obesity. Journal of Pediatric Endocrinology and Metabolism, 2019, 32, 1351-1358.	0.9	2

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145	Effect of the antipsychotic drug haloperidol on arrhythmias during acute myocardial infarction in a porcine model. IJC Heart and Vasculature, 2020, 26, 100455.	1.1	2
146	A Multiple Kernel Learning Framework to Investigate the Relationship Between Ventricular Fibrillation and First Myocardial Infarction. Lecture Notes in Computer Science, 2017, , 161-171.	1.3	2
147	From CMR Image to Patient-Specific Simulation and Population-Based Analysis: Tutorial for an Openly Available Image-Processing Pipeline. Lecture Notes in Computer Science, 2017, , 106-117.	1.3	2
148	Pharmacological inhibition of acetylcholine-regulated potassium current (IK,ACh) prevents atrial arrhythmogenic changes in a rat model of repetitive obstructive respiratory events. Heart Rhythm O2, 2022, 3, 97-104.	1.7	2
149	A NovelSCN5AMutation in a Patient with Coexistence of Brugada Syndrome Traits and Ischaemic Heart Disease. Case Reports in Medicine, 2009, 2009, 1-4.	0.7	1
150	The gut microbial-derived metabolite trimethylamine N-oxide: A missing link between lifestyle-components and atrial fibrillation?. IJC Heart and Vasculature, 2020, 29, 100581.	1.1	1
151	Clinical Implications of SCN10A Loss-of-Function Variants in 169â€‰610 Exomes Representing the General Population. Circulation Genomic and Precision Medicine, 2022, 15, CIRCGEN121003574.	3.6	1
152	Change in global longitudinal strain following acute coronary syndrome and subsequent risk of heart failure. International Journal of Cardiovascular Imaging, 2021, 37, 3193-3202.	1.5	0
153	Personalized management of sleep apnea in patients with atrial fibrillation: An interdisciplinary and translational challenge. IJC Heart and Vasculature, 2021, 35, 100843.	1.1	0
154	KCNQ Channels are Sensors of Cell Volume. , 2004, , 389-390.		0
155	Necropsy Validation of a Novel Method for Left Ventricular Mass Quantification in Porcine Transthoracic and Transdiaphragmal Echocardiography. Frontiers in Cardiovascular Medicine, 2022, 9, 868603.	2.4	0
156	The impact of an atrial septal defect on the progression of atrial tachypacing-induced atrial fibrillation in a Danish Landrace pig: A case report. IJC Heart and Vasculature, 2022, 40, 101054.	1.1	0
157	MR-proANP measured at admission is associated with incident atrial fibrillation in STEMI patients. Heart and Vessels, 0, , .	1.2	0