Morten B Thomsen

List of Publications by Year
in descending order

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81	2,584	218381	205818
papers	citations	26 h-index	48 g-index

82	82	82	3005
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Î²-Aminoisobutyric acid, L-BAIBA, protects PC12 cells from hydrogen peroxide-induced oxidative stress and apoptosis via activation of the AMPK and PI3K/Akt pathway. IBRO Neuroscience Reports, 2022, 12, 65-72.	0.7	11
2	Beta-blocker/ACE inhibitor therapy differentially impacts the steady state signaling landscape of failing and non-failing hearts. Scientific Reports, 2022, 12, 4760.	1.6	1
3	Accelerated atherosclerosis caused by serum amyloid A response in lungs of ApoE ^{â^'/â^'} mice. FASEB Journal, 2021, 35, e21307.	0.2	8
4	Case Report: Non-episodic Angioedema With Eosinophilia in a Young Lactating Woman. Frontiers in Immunology, 2021, 12, 627360.	2.2	3
5	Quantitative proteome comparison of human hearts with those of model organisms. PLoS Biology, 2021, 19, e3001144.	2.6	23
6	The Effects of Insulin on Immortalized Rat Schwann Cells, IFRS1. International Journal of Molecular Sciences, 2021, 22, 5505.	1.8	4
7	An American Physiological Society cross-journal Call for Papers on â€œInter-Organ Communication in Homeostasis and Diseaseâ€• American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 321, L42-L49.	1.3	13
8	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.	1.6	10
9	Prolonged QT intervals in mice with cardiomyocyteâ€specific deficiency of the molecular clock. Acta Physiologica, 2021, 233, e13707.	1.8	15
10	Sustainable Effects of Human Dental Pulp Stem Cell Transplantation on Diabetic Polyneuropathy in Streptozotocine-Induced Type 1 Diabetes Model Mice. Cells, 2021, 10, 2473.	1.8	9
11	Secreted factors from cultured dental pulp stem cells promoted neurite outgrowth of dorsal root ganglion neurons and ameliorated neural functions in streptozotocinâ€induced diabetic mice. Journal of Diabetes Investigation, 2020, 11, 28-38.	1.1	16
12	Glucagon-Like Peptide-1 Receptor Agonist Liraglutide Ameliorates the Development of Periodontitis. Journal of Diabetes Research, 2020, 2020, 1-9.	1.0	9
13	Rat pancreatectomy combined with isoprenaline or uninephrectomy as models of diabetic cardiomyopathy or nephropathy. Scientific Reports, 2020, 10, 16130.	1.6	3
14	Direct Comparison of Therapeutic Effects on Diabetic Polyneuropathy between Transplantation of Dental Pulp Stem Cells and Administration of Dental Pulp Stem Cell-Secreted Factors. International Journal of Molecular Sciences, 2020, 21, 6064.	1.8	12
15	Secreted Factors from Stem Cells of Human Exfoliated Deciduous Teeth Directly Activate Endothelial Cells to Promote All Processes of Angiogenesis. Cells, 2020, 9, 2385.	1.8	13
16	Transplantation of human dental pulp stem cells ameliorates diabetic polyneuropathy in streptozotocin-induced diabetic nude mice: the role of angiogenic and neurotrophic factors. Stem Cell Research and Therapy, 2020, 11, 236.	2.4	11
17	Acetaminophen (Paracetamol) Metabolites Induce Vasodilation and Hypotension by Activating Kv7 Potassium Channels Directly and Indirectly. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 1207-1219.	1.1	15
18	An American Physiological Society cross-journal Call for Papers on â€œDeconstructing Organs: Single-Cell Analyses, Decellularized Organs, Organoids, and Organ-on-a-Chip Modelsâ€• American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 319, L266-L272.	1.3	7

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19	Aberrant sinus node firing during Î²â€adrenergic stimulation leads to cardiac arrhythmias in diabetic mice. Acta Physiologica, 2020, 229, e13444.	1.8	7
20	Therapeutic potential for insulin on typeÂ1 diabetesâ€associated periodontitis: Analysis of experimental periodontitis in streptozotocinâ€induced diabetic rats. Journal of Diabetes Investigation, 2020, 11, 1482-1489.	1.1	8
21	Conditioned media from dental pulp stem cells improved diabetic polyneuropathy through antiâ€inflammatory, neuroprotective and angiogenic actions: Cellâ€free regenerative medicine for diabetic polyneuropathy. Journal of Diabetes Investigation, 2019, 10, 1199-1208.	1.1	33
22	Low-Dose Adrenaline Reduces Blood Pressure Acutely in Anesthetized Pigs Through a Î²2-Adrenergic Pathway. Journal of Cardiovascular Pharmacology, 2019, 74, 38-43.	0.8	2
23	Multifocal atrial and ventricular premature contractions with an increased risk of dilated cardiomyopathy caused by a Na v 1.5 gain-of-function mutation (G213D). International Journal of Cardiology, 2018, 257, 160-167.	0.8	31
24	Ultrasonographic and histological evaluation of the effects of long-term carotid catheterization on cardiac function in NMRI mice. Laboratory Animals, 2018, 52, 17-28.	0.5	2
25	Chemerin promotes angiogenesis inÂvivo. Physiological Reports, 2018, 6, e13962.	0.7	49
26	Potassium Channels in the Heart. Cardiac and Vascular Biology, 2018, , 47-75.	0.2	1
27	Uremia increases QRS duration afterÎ²-adrenergic stimulation in mice. Physiological Reports, 2018, 6, e13720.	0.7	6
28	Novel "Dual Hit" Rat Model of Diabetic Cardiomyopathy. Diabetes, 2018, 67, .	0.3	1
29	<sup />Efficacy of a Self-Assembling Peptide Hydrogel, SPG-178-Gel, for Bone Regeneration and Three-Dimensional Osteogenic Induction of Dental Pulp Stem Cells. Tissue Engineering - Part A, 2017, 23, 1394-1402.	1.6	47
30	Characterization of a Na V 1.5 Gain-of-Function Mutation (G213D) causing Multifocal Atrial and Ventricular Premature Ectopies and an Increased Risk of Dilated Cardiomyopathy. Biophysical Journal, 2017, 112, 104a.	0.2	0
31	Circadian rhythm in QT interval is preserved in mice deficient of potassium channel interacting protein 2. Chronobiology International, 2017, 34, 45-56.	0.9	10
32	Ventricular repolarization time, location of pacing stimulus and current pulse amplitude conspire to determine arrhythmogenicity in mice. Acta Physiologica, 2017, 219, 662-670.	1.8	3
33	Transplantation of dental pulp stem cells improves long-term diabetic polyneuropathy together with improvement of nerve morphometrical evaluation. Stem Cell Research and Therapy, 2017, 8, 279.	2.4	39
34	Role of poly(<scp>ADP</scp>â€ribose) polymerase activation in the pathogenesis of periodontitis in diabetes. Journal of Clinical Periodontology, 2017, 44, 971-980.	2.3	5
35	Antiâ€inflammatory role of glucoseâ€dependent insulinotropic polypeptide in periodontitis. Journal of Diabetes Investigation, 2016, 7, 497-505.	1.1	21
36	Transplantation of dental pulp stem cells suppressed inflammation in sciatic nerves by promoting macrophage polarization towards antiâ€inflammation phenotypes and ameliorated diabetic polyneuropathy. Journal of Diabetes Investigation, 2016, 7, 485-496.	1.1	70

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37	Cardiovascular health effects of oral and pulmonary exposure to multi-walled carbon nanotubes in ApoE-deficient mice. Toxicology, 2016, 371, 29-40.	2.0	39
38	Potassium Channel Interacting Protein 2 (KChIP2) is not a transcriptional regulator of cardiac electrical remodeling. Scientific Reports, 2016, 6, 28760.	1.6	3
39	Human atrial fibroblasts and their contribution to supraventricular arrhythmia. Physiological Reports, 2016, 4, e12711.	0.7	6
40	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
41	Periodontitis-activated monocytes/macrophages cause aortic inflammation. Scientific Reports, 2015, 4, 5171.	1.6	53
42	Assessment of anti-arrhythmic activity of antipsychotic drugs in an animal model: Influence of non-cardiac Î±1-adrenergic receptors. European Journal of Pharmacology, 2015, 748, 10-17.	1.7	7
43	Transplantation of cultured dental pulp stem cells into the skeletal muscles ameliorated diabetic polyneuropathy: therapeutic plausibility of freshly isolated and cryopreserved dental pulp stem cells. Stem Cell Research and Therapy, 2015, 6, 162.	2.4	40
44	KCNMA1 Encoded Cardiac BK Channels Afford Protection against Ischemia-Reperfusion Injury. PLoS ONE, 2014, 9, e103402.	1.1	83
45	Apico-Basal Gradient of Repolarization Over the Left Ventricle Determines Arrhythmia Susceptibility in Mice. Biophysical Journal, 2014, 106, 773a.	0.2	1
46	K+ Channel-Interacting Protein 2 Deficient mice have a Rate Dependent Prolongation of Left Ventricular CA2+ Transients. Biophysical Journal, 2014, 106, 113a.	0.2	0
47	Loss of K⁺ Currents in Heart Failure Is Accentuated in KChIP2 Deficient Mice. Journal of Cardiovascular Electrophysiology, 2014, 25, 896-904.	0.8	19
48	Sinoatrial node dysfunction induces cardiac arrhythmias in diabetic mice. Cardiovascular Diabetology, 2014, 13, 122.	2.7	30
49	Hearts of K Channel-Interacting Protein 2 Deficient Mice have Prolonged Action Potential Duration, and Reduced Outward Potassium Currents that are further reduced by Heart Failure. Biophysical Journal, 2013, 104, 281a.	0.2	0
50	Physiology and analysis of the electrocardiographic <scp>T</scp> wave in mice. Acta Physiologica, 2013, 209, 262-271.	1.8	55
51	Development of heart failure is independent of K⁺ channelâ€interacting protein 2 expression. Journal of Physiology, 2013, 591, 5923-5937.	1.3	17
52	Kv7.1 isoform gradients in the heart: New potential approach to alter repolarization reserve. Heart Rhythm, 2013, 10, 1229-1230.	0.3	1
53	In Vivo Phosphoproteomics Analysis Reveals the Cardiac Targets of Î²-Adrenergic Receptor Signaling. Science Signaling, 2013, 6, rs11.	1.6	164
54	Impact of KChIP2 on cardiac electrophysiology and the progression of heart failure. Frontiers in Physiology, 2012, 3, 118.	1.3	22

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55	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.	0.8	9
56	Torsades de Pointes in the Guinea-Pig Heart. Cardiovascular Drugs and Therapy, 2012, 26, 437-439.	1.3	0
57	Comparison of the I_{Kr} blockers moxifloxacin, dofetilide and Eâ€4031 in five screening models of proâ€arrhythmia reveals lack of specificity of isolated cardiomyocytes. British Journal of Pharmacology, 2012, 165, 467-478.	2.7	58
58	Special Interest Group on Cardiac Physiology established within the Scandinavian Physiological Society. Acta Physiologica, 2012, 204, 464-464.	1.8	1
59	Strengthening intercellular communication to prevent atrial fibrillation. Cardiovascular Research, 2011, 92, 187-188.	1.8	1
60	Usefulness of Short-Term Variability of QT Intervals as a Predictor for Electrical Remodeling and Proarrhythmia in Patients With Nonischemic Heart Failure. American Journal of Cardiology, 2010, 106, 216-220.	0.7	96
61	Highâ€Rate Pacing Reduces Variability of Repolarization and Prevents Repolarizationâ€Dependent Arrhythmias in Dogs With Chronic AV Block. Journal of Cardiovascular Electrophysiology, 2010, 21, 1384-1391.	0.8	23
62	Repolarization variability and early afterdepolarizations in long QT syndrome type 2: Is labile calcium the common denominator?. Heart Rhythm, 2010, 7, 1695-1696.	0.3	0
63	Attenuated Î²-Adrenergic Response and Reduced Repolarization Reserve in Rabbit Model of Chronic Heart Failure. Heart Rhythm, 2010, 7, 1711-1712.	0.3	0
64	Transcriptional and electrophysiological consequences of KChIP2-mediated regulation of CaV1.2. Channels, 2009, 3, 308-310.	1.5	15
65	Accessory Subunit KChIP2 Modulates the Cardiac L-Type Calcium Current. Circulation Research, 2009, 104, 1382-1389.	2.0	88
66	Relation of Increased Short-Term Variability of QT Interval to Congenital Long-QT Syndrome. American Journal of Cardiology, 2009, 103, 1244-1248.	0.7	87
67	Adiponectin promotes migration activities of endothelial progenitor cells via Cdc42/Rac1. FEBS Letters, 2009, 583, 2457-2463.	1.3	47
68	Deleting the accessory subunit KChIP2 results in loss of Ito,f and increased IK,slow that maintains normal action potential configuration. Heart Rhythm, 2009, 6, 370-377.	0.3	30
69	Proarrhythmic electrical remodelling is associated with increased beat-to-beat variability of repolarisation. Cardiovascular Research, 2007, 73, 521-530.	1.8	81
70	Beat-to-beat variability of QT intervals is increased in patients with drug-induced long-QT syndrome: a case control pilot study. European Heart Journal, 2007, 29, 185-190.	1.0	103
71	High-Septal Pacing Reduces Ventricular Electrical Remodeling and Proarrhythmia in Chronic Atrioventricular Block Dogs. Journal of the American College of Cardiology, 2007, 50, 906-913.	1.2	24
72	Double pharmacological challenge on repolarization opens new avenues for drug safety research. British Journal of Pharmacology, 2007, 151, 909-911.	2.7	8

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73	Beat-to-Beat Variability of Repolarization Determines Proarrhythmic Outcome in Dogs Susceptible to Drug-Induced Torsades de Pointes. Journal of the American College of Cardiology, 2006, 48, 1268-1276.	1.2	115
74	No proarrhythmic properties of the antibiotics Moxifloxacin or Azithromycin in anaesthetized dogs with chronicâ€AV block. British Journal of Pharmacology, 2006, 149, 1039-1048.	2.7	68
75	Assessing the proarrhythmic potential of drugs: Current status of models and surrogate parameters of torsades de pointes arrhythmias. , 2006, 112, 150-170.		96
76	Decreasing the infusion rate reduces the proarrhythmic risk of NS-7: confirming the relevance of short-term variability of repolarisation in predicting drug-induced torsades de pointes. British Journal of Pharmacology, 2005, 145, 397-404.	2.7	24
77	Sudden cardiac death in dogs with remodeled hearts is associated with larger beat?to?beat variability of repolarization. Basic Research in Cardiology, 2005, 100, 279-287.	2.5	46
78	Beat-to-beat variability of repolarization determines proarrhythmic outcome in dogs susceptible to drug-induced torsades de pointes. Heart Rhythm, 2005, 2, S104.	0.3	4
79	Increased Short-Term Variability of Repolarization Predicts d -Sotalolâ€"Induced Torsades de Pointes in Dogs. Circulation, 2004, 110, 2453-2459.	1.6	334
80	Electrophysiological Safety of Sertindole in Dogs with Normal and Remodeled Hearts. Journal of Pharmacology and Experimental Therapeutics, 2003, 307, 776-784.	1.3	64
81	Accumulation of slowly activating delayed rectifier potassium current (IKs) in canine ventricular myocytes. Journal of Physiology, 2003, 551, 777-786.	1.3	93