Antonius Baartscheer

List of Publications by Year
in descending order

35 papers	2,418 citations	411340 20 h-index	466096 32 g-index
35 all docs	35 docs citations	35 times ranked	3225 citing authors

#	Article	IF	Citations
1	Chronically elevated branched chain amino acid levels are pro-arrhythmic. Cardiovascular Research, 2022, 118, 1742-1757.	1.8	24
2	Empagliflozin reduces oxidative stress through inhibition of the novel inflammation/NHE/[Na+]c/ROS-pathway in human endothelial cells. Biomedicine and Pharmacotherapy, 2022, 146, 112515.	2.5	47
3	Sodium-glucose co-transporter 2 inhibitor empagliflozin inhibits the cardiac Na+/H+ exchanger 1: persistent inhibition under various experimental conditions. Cardiovascular Research, 2021, 117, 2699-2701.	1.8	37
4	Functional modulation of atrio-ventricular conduction by enhanced late sodium current and calcium-dependent mechanisms in Scn5a1798insD/+ mice. Europace, 2020, 22, 1579-1589.	0.7	9
5	Electrophysiological Abnormalities in VLCAD Deficient hiPSC-Cardiomyocytes Can Be Improved by Lowering Accumulation of Fatty Acid Oxidation Intermediates. International Journal of Molecular Sciences, 2020, 21, 2589.	1.8	24
6	Delayed ischaemic contracture onset by empagliflozin associates with NHE1 inhibition and is dependent on insulin in isolated mouse hearts. Cardiovascular Research, 2019, 115, 1533-1545.	1.8	71
7	RBM20 Mutations Induce an Arrhythmogenic Dilated Cardiomyopathy Related to Disturbed Calcium Handling. Circulation, 2018, 138, 1330-1342.	1.6	152
8	Class effects of SGLT2 inhibitors in mouse cardiomyocytes and hearts: inhibition of Na+/H+ exchanger, lowering of cytosolic Na+ and vasodilation. Diabetologia, 2018, 61, 722-726.	2.9	412
9	Direct Cardiac Actions of Sodium Glucose Cotransporter 2 Inhibitors Target Pathogenic Mechanisms Underlying Heart Failure in Diabetic Patients. Frontiers in Physiology, 2018, 9, 1575.	1.3	130
10	Neurokinin-3 receptor activation selectively prolongs atrial refractoriness by inhibition of a background K+ channel. Nature Communications, 2018, 9, 4357.	5.8	9
11	Nur77 protects against adverse cardiac remodelling by limiting neuropeptide Y signalling in the sympathoadrenal-cardiac axis. Cardiovascular Research, 2018, 114, 1617-1628.	1.8	19
12	Enhanced late sodium current underlies pro-arrhythmic intracellular sodium and calcium dysregulation in murine sodium channelopathy. International Journal of Cardiology, 2018, 263, 54-62.	0.8	16
13	Is <scp>IGF</scp>â€1 a useful inhibitor of Na⁺/H⁺â€exchanger activity?. Acta Physiologica, 2018, 224, e13164.	1.8	1
14	Empagliflozin decreases myocardial cytoplasmic Na+ through inhibition of the cardiac Na+/H+ exchanger in rats and rabbits. Diabetologia, 2017, 60, 568-573.	2.9	468
15	Letter by Baartscheer et al Regarding Editorial, â€œMatter of Fat: Are Lipids Antiarrhythmic?â€. Circulation: Arrhythmia and Electrophysiology, 2016, 9, e003933.	2.1	0
16	Reducing mitochondrial bound hexokinase II mediates transition from non-injurious into injurious ischemia/reperfusion of the intact heart. Journal of Physiology and Biochemistry, 2016, 73, 323-333.	1.3	20
17	Orphan nuclear receptor Nur77 affects cardiomyocyte calcium homeostasis and adverse cardiac remodelling. Scientific Reports, 2015, 5, 15404.	1.6	33
18	In vivomouse myocardial31P MRS using three-dimensional image-selectedin vivospectroscopy (3D ISIS): technical considerations and biochemical validations. NMR in Biomedicine, 2015, 28, 1218-1227.	1.6	19

#	Article	IF	Citations
19	Dyscholesterolemia Protects Against Ischemia-Induced Ventricular Arrhythmias. Circulation: Arrhythmia and Electrophysiology, 2015, 8, 1481-1490.	2.1	22
20	A Diet Rich in Unsaturated Fatty Acids Prevents Progression Toward Heart Failure in a Rabbit Model of Pressure and Volume Overload. Circulation: Heart Failure, 2012, 5, 376-384.	1.6	20
21	Dietary Omega-3 Polyunsaturated Fatty Acids Suppress NHE-1 Upregulation in a Rabbit Model of Volume- and Pressure-Overload. Frontiers in Physiology, 2012, 3, 76.	1.3	8
22	The Driving Force of the Na+/Ca2+-Exchanger during Metabolic Inhibition. Frontiers in Physiology, 2011, 2, 10.	1.3	15
23	Arrhythmogenic pulmonary vein myocardium in heart failure. Clinical and Experimental Pharmacology and Physiology, 2011, 38, 654-655.	0.9	0
24	Acute Administration of Fish Oil Inhibits Triggered Activity in Isolated Myocytes From Rabbits and Patients With Heart Failure. Circulation, 2008, 117, 536-544.	1.6	72
25	Response to Letter Regarding Article â€œAcute Administration of Fish Oil Inhibits Triggered Activity in Isolated Myocytes From Rabbits and Patients With Heart Failureâ€• Circulation, 2008, 118, .	1.6	0
26	Sodium Ion Transporters as New Therapeutic Targets in Heart Failure. Cardiovascular and Hematological Agents in Medicinal Chemistry, 2008, 6, 229-236.	0.4	25
27	Dietary fish oil reduces the incidence of triggered arrhythmias in pig ventricular myocytes. Heart Rhythm, 2007, 4, 1452-1460.	0.3	34
28	Incorporated sarcolemmal fish oil fatty acids shorten pig ventricular action potentials. Cardiovascular Research, 2006, 70, 509-520.	1.8	83
29	Chronic Inhibition of Na+/H+-Exchanger in the Heart. Current Vascular Pharmacology, 2006, 4, 23-29.	0.8	14
30	Chronic inhibition of Na/H-exchanger attenuates cardiac hypertrophy and prevents cellular remodeling in heart failure. Cardiovascular Research, 2005, 65, 83-92.	1.8	111
31	NHE-1 and NBC during pseudo-ischemia/reperfusion in rabbit ventricular myocytes. Journal of Molecular and Cellular Cardiology, 2004, 37, 567-577.	0.9	34
32	SR calcium handling and calcium after-transients in a rabbit model of heart failure. Cardiovascular Research, 2003, 58, 99-108.	1.8	86
33	Arrhythmogenesis in Heart Failure. Journal of Cardiovascular Electrophysiology, 2001, 12, 496-499.	0.8	27
34	Ionic Mechanism of Delayed Afterdepolarizations in Ventricular Cells Isolated From Human End-Stage Failing Hearts. Circulation, 2001, 104, 2728-2733.	1.6	97
35	Two Distinct Congenital Arrhythmias Evoked by a Multidysfunctional Na ⁺ Channel. Circulation Research, 2000, 86, E91-7.	2.0	279