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Modulation of sympathetic activity and heart rate variability by ivabradine

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#	Paper	IF	Citations
32	Advances in the management of heart failure: the role of ivabradine. <i>Vascular Health and Risk Management</i> , 2016 , 12, 453-470	4.4	16
31	Chronic Treatment with Ivabradine Does Not Affect Cardiovascular Autonomic Control in Rats. <i>Frontiers in Physiology</i> , 2016 , 7, 305	4.6	8
30	If Channel Inhibition With Ivabradine Does Not Improve Cardiac and Vascular Function in Experimental Septic Shock. <i>Shock</i> , 2016 , 46, 297-303	3.4	12
29	Heart rate and heart failure. <i>Current Opinion in Cardiology</i> , 2016 , 31, 204-8	2.1	3
28	Electrophysiology meets geometry. <i>Europace</i> , 2016 , 18, 317	3.9	5
27	Ivabradine: Heart Failure and Beyond. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2016 , 21, 335-43	2.6	13
26	The role of sympathetic and vagal cardiac control on complexity of heart rate dynamics. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017 , 312, H469-H477	5.2	32
25	Short-term heart rate variability in dogs with sick sinus syndrome or chronic mitral valve disease as compared to healthy controls. <i>Polish Journal of Veterinary Sciences</i> , 2017 , 20, 167-172	0.7	7
24	The Hyperpolarization-Activated Cyclic Nucleotide-Gated Channels: from Biophysics to Pharmacology of a Unique Family of Ion Channels. <i>Pharmacological Reviews</i> , 2017 , 69, 354-395	22.5	64
23	Ivabradine does not acutely affect open-loop baroreflex static characteristics and spares sympathetic heart rate control in rats. <i>International Journal of Cardiology</i> , 2018 , 257, 255-261	3.2	7
22	Effect of Ivabradine on a Hypertensive Heart and the Renin-Angiotensin-Aldosterone System in -NAME-Induced Hypertension. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	15
21	Intravenous ivabradine augments the dynamic heart rate response to moderate vagal nerve stimulation in anesthetized rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019 , 317, H597-H606	5.2	4
20	Pinocembrin attenuates autonomic dysfunction and atrial fibrillation susceptibility via inhibition of the NF- κ B/TNF- α pathway in a rat model of myocardial infarction. <i>International Immunopharmacology</i> , 2019 , 77, 105926	5.8	15
19	Chronic inhibition of the sigma-1 receptor exacerbates atrial fibrillation susceptibility in rats by promoting atrial remodeling. <i>Life Sciences</i> , 2019 , 235, 116837	6.8	12
18	Ivabradine reduces baseline and stress-induced increase of heart rate and blood pressure and modulates neuroendocrine stress response in rats depending on stressor intensity. <i>General Physiology and Biophysics</i> , 2019 , 38, 165-173	2.1	4
17	Ivabradine preserves dynamic sympathetic control of heart rate despite inducing significant bradycardia in rats. <i>Journal of Physiological Sciences</i> , 2019 , 69, 211-222	2.3	6
16	Should heart rate variability be "corrected" for heart rate? Biological, quantitative, and interpretive considerations. <i>Psychophysiology</i> , 2019 , 56, e13287	4.1	77

15	2019 ESC Guidelines for the management of patients with supraventricular tachycardiaThe Task Force for the management of patients with supraventricular tachycardia of the European Society of Cardiology (ESC). <i>European Heart Journal</i> , 2020 , 41, 655-720	9.5	267
14	Translating GWAS-identified loci for cardiac rhythm and rate using an in vivo image- and CRISPR/Cas9-based approach. <i>Scientific Reports</i> , 2020 , 10, 11831	4.9	4
13	Autonomic Control of the Heart and Its Clinical Impact. A Personal Perspective. <i>Frontiers in Physiology</i> , 2020 , 11, 582	4.6	7
12	2020 Clinical practice guidelines for Supraventricular tachycardia in adults. <i>Russian Journal of Cardiology</i> , 2021 , 26, 4484	1.3	3
11	Ivabradine augments high-frequency dynamic gain of the heart rate response to low- and moderate-intensity vagal nerve stimulation under β blockade. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021 , 320, H2201-H2210	5.2	1
10	Oral Supplementation With Butyrate Improves Myocardial Ischemia/Reperfusion Injury a Gut-Brain Neural Circuit. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 718674	5.4	2
9	Genetic Ablation of G Protein-Gated Inwardly Rectifying K Channels Prevents Training-Induced Sinus Bradycardia. <i>Frontiers in Physiology</i> , 2020 , 11, 519382	4.6	3
8	Translating GWAS-identified loci for cardiac rhythm and rate using an in vivo image- and CRISPR/Cas9-based approach.		2
7	Other Antiarrhythmic Drugs. 2020 , 265-306		0
6	The effect of ivabradine as part of standard therapy on vascular endothelial function and cardiac electrical instability in patients with post-infarction atherosclerosis and heart failure. <i>Russian Journal of Cardiology</i> , 2020 , 25, 52-58	1.3	
5	Effects of ivabradine and atenolol on heart rate and heart rate variability in healthy cats over a 24h period: A pilot study.. <i>Veterinary Record Open</i> , 2022 , 9, e28	1.4	
4	Ivabradine and Atrial Fibrillation: A Meta-analysis of Randomized Controlled Trials.. <i>Journal of Cardiovascular Pharmacology</i> , 2021 , 79,	3.1	1
3	Muscle metaboreflex activation during hypercapnia modifies nonlinear heart rhythm dynamics, increasing the complexity of the sinus node autonomic regulation in humans.		0
2	Increased sympathetic outflow induced by emotional stress aggravates myocardial ischemia/reperfusion injury via activation of TLR7/MyD88/IRF5 signaling pathway.		0
1	Prefrontal tDCS modulates autonomic responses in COVID-19 inpatients. 2023 , 16, 657-666		0