

Neil Herring

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

69 papers	1,839 citations	27 h-index	42 g-index
83 ext. papers	2,258 ext. citations	5.8 avg, IF	4.99 L-index

#	Paper	IF	Citations
69	Rationale and study design of the MINERVA study: Multicentre Investigation of Novel Electrocardiogram Risk markers in Ventricular Arrhythmia prediction-UK multicentre collaboration.. <i>BMJ Open</i> , 2022 , 12, e059527	3	
68	COSMAS: a lightweight toolbox for cardiac optical mapping analysis. <i>Scientific Reports</i> , 2021 , 11, 9147	4.9	5
67	Cardiac TdP risk stratification modelling of anti-infective compounds including chloroquine and hydroxychloroquine. <i>Royal Society Open Science</i> , 2021 , 8, 210235	3.3	3
66	Blockade of sodium-calcium exchanger via ORM-10962 attenuates cardiac alternans. <i>Journal of Molecular and Cellular Cardiology</i> , 2021 , 153, 111-122	5.8	3
65	Electrophysiological and Proarrhythmic Effects of Hydroxychloroquine Challenge in Guinea-Pig Hearts. <i>ACS Pharmacology and Translational Science</i> , 2021 , 4, 1639-1653	5.9	0
64	Myocardial Energy Response to Glyceryl Trinitrate: Physiology Revisited.. <i>Frontiers in Physiology</i> , 2021 , 12, 790525	4.6	0
63	Coronary Sinus Neuropeptide Y Levels and Adverse Outcomes in Patients With Stable Chronic Heart Failure. <i>JAMA Cardiology</i> , 2020 , 5, 318-325	16.2	20
62	The cardiac sympathetic co-transmitter neuropeptide Y is pro-arrhythmic following ST-elevation myocardial infarction despite beta-blockade. <i>European Heart Journal</i> , 2020 , 41, 2168-2179	9.5	27
61	Optical Interrogation of Sympathetic Neuronal Effects on Macroscopic Cardiomyocyte Network Dynamics. <i>iScience</i> , 2020 , 23, 101334	6.1	8
60	Downregulation of M Current Is Coupled to Membrane Excitability in Sympathetic Neurons Before the Onset of Hypertension. <i>Hypertension</i> , 2020 , 76, 1915-1923	8.5	5
59	Pneumopericardium and Pneumomediastinum After Implantation of a Cardiac Resynchronization Pacemaker. <i>JACC: Case Reports</i> , 2019 , 1, 381-384	1.2	2
58	Physiology of shock and volume resuscitation. <i>Surgery</i> , 2019 , 37, 541-548	0.3	
57	The autonomic nervous system and cardiac arrhythmias: current concepts and emerging therapies. <i>Nature Reviews Cardiology</i> , 2019 , 16, 707-726	14.8	54
56	Adrenergic Receptor Stimulation and Alternans in the Border Zone of a Healed Infarct: An Study and Computational Investigation of Arrhythmogenesis. <i>Frontiers in Physiology</i> , 2019 , 10, 350	4.6	14
55	Neuropeptide-Y causes coronary microvascular constriction and is associated with reduced ejection fraction following ST-elevation myocardial infarction. <i>European Heart Journal</i> , 2019 , 40, 1920-1929	9.5	28
54	Endocardial left ventricular pacing across the interventricular septum for cardiac resynchronization therapy: Clinical results of a pilot study. <i>Heart Rhythm</i> , 2018 , 15, 1017-1022	6.7	11
53	Endocardial left ventricular pacing for cardiac resynchronization: systematic review and meta-analysis. <i>Europace</i> , 2018 , 20, 73-81	3.9	31

52	The Role of Neuropeptide Y in Cardiovascular Health and Disease. <i>Frontiers in Physiology</i> , 2018 , 9, 1281	4.6	69
51	Cost-Effectiveness Analysis of Quadripolar Versus Bipolar Left Ventricular Leads for Cardiac Resynchronization Defibrillator Therapy in a Large, Multicenter UK Registry. <i>JACC: Clinical Electrophysiology</i> , 2017 , 3, 107-116	4.6	19
50	Overexpression of Sarcoendoplasmic Reticulum Calcium ATPase 2a Promotes Cardiac Sympathetic Neurotransmission via Abnormal Endoplasmic Reticulum and Mitochondria Ca Regulation. <i>Hypertension</i> , 2017 , 69, 625-632	8.5	6
49	Mammalian α AMPK regulates intrinsic heart rate. <i>Nature Communications</i> , 2017 , 8, 1258	17.4	24
48	C-type natriuretic peptide and natriuretic peptide receptor B signalling inhibits cardiac sympathetic neurotransmission and autonomic function. <i>Cardiovascular Research</i> , 2016 , 112, 637-644	9.9	20
47	56 Endocardial Left Ventricular Pacing Across the Inter-ventricular Septum for Cardiac Resynchronisation Therapy [Clinical Results. <i>Heart</i> , 2016 , 102, A41.1-A41	5.1	
46	Molecular and cellular neurocardiology: development, and cellular and molecular adaptations to heart disease. <i>Journal of Physiology</i> , 2016 , 594, 3853-75	3.9	58
45	Procedural Success of Left Ventricular Lead Placement for Cardiac Resynchronization Therapy: A Meta-Analysis. <i>JACC: Clinical Electrophysiology</i> , 2016 , 2, 69-77	4.6	30
44	Translational neurocardiology: preclinical models and cardioneural integrative aspects. <i>Journal of Physiology</i> , 2016 , 594, 3877-909	3.9	89
43	Protection against ventricular fibrillation via cholinergic receptor stimulation and the generation of nitric oxide. <i>Journal of Physiology</i> , 2016 , 594, 3981-92	3.9	16
42	Cardiac sympatho-vagal balance and ventricular arrhythmia. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2016 , 199, 29-37	2.4	44
41	Physiology of shock and volume resuscitation. <i>Surgery</i> , 2016 , 34, 543-549	0.3	1
40	CAPON modulates neuronal calcium handling and cardiac sympathetic neurotransmission during dysautonomia in hypertension. <i>Hypertension</i> , 2015 , 65, 1288-1297	8.5	19
39	Efficacy of B-Type Natriuretic Peptide Is Coupled to Phosphodiesterase 2A in Cardiac Sympathetic Neurons. <i>Hypertension</i> , 2015 , 66, 190-8	8.5	28
38	Autonomic control of the heart: going beyond the classical neurotransmitters. <i>Experimental Physiology</i> , 2015 , 100, 354-8	2.4	48
37	Hydroxychloroquine reduces heart rate by modulating the hyperpolarization-activated current If: Novel electrophysiological insights and therapeutic potential. <i>Heart Rhythm</i> , 2015 , 12, 2186-94	6.7	92
36	Cardiac Resynchronization Therapy Delivered Via a Multipolar Left Ventricular Lead is Associated with Reduced Mortality and Elimination of Phrenic Nerve Stimulation: Long-Term Follow-Up from a Multicenter Registry. <i>Journal of Cardiovascular Electrophysiology</i> , 2015 , 26, 540-6	2.7	74
35	Periprocedural stroke risk in patients undergoing catheter ablation for atrial fibrillation on uninterrupted warfarin. <i>Journal of Cardiovascular Electrophysiology</i> , 2014 , 25, 585-90	2.7	11

34	Regulation of hippocampal synaptic plasticity thresholds and changes in exploratory and learning behavior in dominant negative NPR-B mutant rats. <i>Frontiers in Molecular Neuroscience</i> , 2014 , 7, 95	6.1	12
33	A case of difficult RV lead placement. <i>Heart</i> , 2014 , 100, 434-5, 439	5.1	
32	The kidney-heart connection during electrical storm: from bedside back to bench. <i>Experimental Physiology</i> , 2014 , 99, 1451-2	2.4	2
31	Physiology of shock and volume resuscitation. <i>Surgery</i> , 2013 , 31, 545-551	0.3	2
30	Prioritizing echocardiography in Staphylococcus aureus bacteraemia. <i>Journal of Antimicrobial Chemotherapy</i> , 2013 , 68, 444-9	5.1	47
29	Relationship of plasma neuropeptide Y with angiographic, electrocardiographic and coronary physiology indices of reperfusion during ST elevation myocardial infarction. <i>Heart</i> , 2013 , 99, 1198-203	5.1	31
28	Cardiac sympathetic dysfunction in the prehypertensive spontaneously hypertensive rat. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013 , 305, H980-6	5.2	41
27	Peripheral cardiac sympathetic hyperactivity in cardiovascular disease: role of neuropeptides. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013 , 305, R1411-20	3.2	49
26	The Prevalence of Low Left Atrial Appendage Emptying Velocity and Thrombus in Patients Undergoing Catheter Ablation for Atrial Fibrillation on Uninterrupted Peri-procedural Warfarin Therapy. <i>Journal of Atrial Fibrillation</i> , 2013 , 5, 761	0.8	4
25	The cardiac sympathetic co-transmitter galanin reduces acetylcholine release and vagal bradycardia: implications for neural control of cardiac excitability. <i>Journal of Molecular and Cellular Cardiology</i> , 2012 , 52, 667-76	5.8	56
24	Cardiovascular Proteomics: Assessment of Protein Post-Translational Modifications 2012 , 261-271		
23	Adaption and Responses 2012 , 275-284		1
22	Abnormal intracellular calcium homeostasis in sympathetic neurons from young prehypertensive rats. <i>Hypertension</i> , 2012 , 59, 642-9	8.5	38
21	Regulation of Adrenergic control of heart rate by GTP-cyclohydrolase 1 (GCH1) and tetrahydrobiopterin. <i>Cardiovascular Research</i> , 2012 , 93, 694-701	9.9	13
20	Peripheral Cardiac Sympathetic dysfunction in the prehypertensive Spontaneously Hypertensive Rat. <i>FASEB Journal</i> , 2012 , 26, 1091.21	0.9	
19	Pravastatin normalises peripheral cardiac sympathetic hyperactivity in the spontaneously hypertensive rat. <i>Journal of Molecular and Cellular Cardiology</i> , 2011 , 50, 99-106	5.8	31
18	Myocardial infarction with intracardiac thrombosis as the presentation of acute promyelocytic leukemia: diagnosis and follow-up by cardiac magnetic resonance imaging. <i>Circulation</i> , 2011 , 123, e370-2	16.7	17
17	Pravastatin normalizes peripheral sympathetic hyperactivity in the Spontaneously Hypertensive Rat by reducing cardiac angiotensin 2 levels. <i>FASEB Journal</i> , 2010 , 24, 1049.3	0.9	

16	Galanin reduces cardiac vagal acetylcholine release and bradycardia via a GalR1, protein kinase C dependent pathway. <i>FASEB Journal</i> , 2010 , 24, 625-11	0.9	
15	Valvular heart disease and the use of cabergoline for the treatment of prolactinoma. <i>Clinical Endocrinology</i> , 2009 , 70, 104-8	3.4	88
14	Neuromodulators of peripheral cardiac sympatho-vagal balance. <i>Experimental Physiology</i> , 2009 , 94, 46-53.	3.4	61
13	Neuropeptide Y reduces acetylcholine release and vagal bradycardia via a Y2 receptor-mediated, protein kinase C-dependent pathway. <i>Journal of Molecular and Cellular Cardiology</i> , 2008 , 44, 477-85	5.8	57
12	NICE on infective endocarditis: A call for national monitoring of antibiotic prophylaxis. <i>BMJ, The</i> , 2008 , 336, 976	5.9	
11	Letter by Herring and Paterson regarding article, "Common NOS1AP variants are associated with a prolonged QTc interval in the Rotterdam Study". <i>Circulation</i> , 2007 , 116, e564; author reply e565	16.7	2
10	ECG diagnosis of acute ischaemia and infarction: past, present and future. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2006 , 99, 219-30	2.7	123
9	Endothelial nitric oxide synthase and heart rate. <i>Circulation</i> , 2002 , 106, e5; author reply e5	16.7	1
8	Particulate guanylyl cyclase and cholinergic control of cardiac excitability is site specific. <i>Cardiovascular Research</i> , 2002 , 54, 697-8; author reply 699-700	9.9	
7	Cholinergic control of heart rate by nitric oxide is site specific. <i>Physiology</i> , 2002 , 17, 202-6	9.8	22
6	Nitric oxide-cGMP pathway facilitates acetylcholine release and bradycardia during vagal nerve stimulation in the guinea-pig in vitro. <i>Journal of Physiology</i> , 2001 , 535, 507-18	3.9	107
5	NO-cGMP pathway increases the hyperpolarisation-activated current, I(f), and heart rate during adrenergic stimulation. <i>Cardiovascular Research</i> , 2001 , 52, 446-53	9.9	26
4	Natriuretic peptides like NO facilitate cardiac vagal neurotransmission and bradycardia via a cGMP pathway. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001 , 281, H2318-27	5.2	55
3	Peripheral pre-synaptic pathway reduces the heart rate response to sympathetic activation following exercise training: role of NO. <i>Cardiovascular Research</i> , 2000 , 47, 90-8	9.9	22
2	Pre-synaptic NO-cGMP pathway modulates vagal control of heart rate in isolated adult guinea pig atria. <i>Journal of Molecular and Cellular Cardiology</i> , 2000 , 32, 1795-804	5.8	55
1	Mechanistic insights into ventricular arrhythmogenesis of hydroxychloroquine and azithromycin for the treatment of COVID-19		6