Neil Herring

List of Publications by Citations

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

#	Paper	IF	Citations
69	ECG diagnosis of acute ischaemia and infarction: past, present and future. *QJM - Monthly Journal of the Association of Physicians*, **2006**, 99, 219-30	2.7	123
68	Nitric oxide-cGMP pathway facilitates acetylcholine release and bradycardia during vagal nerve stimulation in the guinea-pig in vitro. *Journal of Physiology*, **2001**, 535, 507-18	3.9	107
67	Hydroxychloroquine reduces heart rate by modulating the hyperpolarization-activated current If: Novel electrophysiological insights and therapeutic potential. *Heart Rhythm*, **2015**, 12, 2186-94	6.7	92
66	Translational neurocardiology: preclinical models and cardioneural integrative aspects. *Journal of Physiology*, **2016**, 594, 3877-909	3.9	89
65	Valvular heart disease and the use of cabergoline for the treatment of prolactinoma. *Clinical Endocrinology*, **2009**, 70, 104-8	3.4	88
64	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. *Journal of Cardiovascular Electrophysiology*, **2015**, 26, 540-6	2.7	74
63	The Role of Neuropeptide Y in Cardiovascular Health and Disease. *Frontiers in Physiology*, **2018**, 9, 1281	4.6	69
62	Neuromodulators of peripheral cardiac sympatho-vagal balance. *Experimental Physiology*, **2009**, 94, 46-53	3.4	61
61	Molecular and cellular neurocardiology: development, and cellular and molecular adaptations to heart disease. *Journal of Physiology*, **2016**, 594, 3853-75	3.9	58
60	Neuropeptide Y reduces acetylcholine release and vagal bradycardia via a Y2 receptor-mediated, protein kinase C-dependent pathway. *Journal of Molecular and Cellular Cardiology*, **2008**, 44, 477-85	5.8	57
59	The cardiac sympathetic co-transmitter galanin reduces acetylcholine release and vagal bradycardia: implications for neural control of cardiac excitability. *Journal of Molecular and Cellular Cardiology*, **2012**, 52, 667-76	5.8	56
58	Pre-synaptic NO-cGMP pathway modulates vagal control of heart rate in isolated adult guinea pig atria. *Journal of Molecular and Cellular Cardiology*, **2000**, 32, 1795-804	5.8	55
57	Natriuretic peptides like NO facilitate cardiac vagal neurotransmission and bradycardia via a cGMP pathway. *American Journal of Physiology - Heart and Circulatory Physiology*, **2001**, 281, H2318-27	5.2	55
56	The autonomic nervous system and cardiac arrhythmias: current concepts and emerging therapies. *Nature Reviews Cardiology*, **2019**, 16, 707-726	14.8	54
55	Peripheral cardiac sympathetic hyperactivity in cardiovascular disease: role of neuropeptides. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2013**, 305, R1411-20	3.2	49
54	Autonomic control of the heart: going beyond the classical neurotransmitters. *Experimental Physiology*, **2015**, 100, 354-8	2.4	48
53	Prioritizing echocardiography in Staphylococcus aureus bacteraemia. *Journal of Antimicrobial Chemotherapy*, **2013**, 68, 444-9	5.1	47

52	Cardiac sympatho-vagal balance and ventricular arrhythmia. *Autonomic Neuroscience: Basic and Clinical*, **2016**, 199, 29-37	2.4	44
51	Cardiac sympathetic dysfunction in the prehypertensive spontaneously hypertensive rat. *American Journal of Physiology - Heart and Circulatory Physiology*, **2013**, 305, H980-6	5.2	41
50	Abnormal intracellular calcium homeostasis in sympathetic neurons from young prehypertensive rats. *Hypertension*, **2012**, 59, 642-9	8.5	38
49	Endocardial left ventricular pacing for cardiac resynchronization: systematic review and meta-analysis. *Europace*, **2018**, 20, 73-81	3.9	31
48	Relationship of plasma neuropeptide Y with angiographic, electrocardiographic and coronary physiology indices of reperfusion during ST elevation myocardial infarction. *Heart*, **2013**, 99, 1198-203	5.1	31
47	Pravastatin normalises peripheral cardiac sympathetic hyperactivity in the spontaneously hypertensive rat. *Journal of Molecular and Cellular Cardiology*, **2011**, 50, 99-106	5.8	31
46	Procedural Success of Left Ventricular Lead Placement for Cardiac Resynchronization Therapy: A Meta-Analysis. *JACC: Clinical Electrophysiology*, **2016**, 2, 69-77	4.6	30
45	Neuropeptide-Y causes coronary microvascular constriction and is associated with reduced ejection fraction following ST-elevation myocardial infarction. *European Heart Journal*, **2019**, 40, 1920-1929	9.5	28
44	Efficacy of B-Type Natriuretic Peptide Is Coupled to Phosphodiesterase 2A in Cardiac Sympathetic Neurons. *Hypertension*, **2015**, 66, 190-8	8.5	28
43	The cardiac sympathetic co-transmitter neuropeptide Y is pro-arrhythmic following ST-elevation myocardial infarction despite beta-blockade. *European Heart Journal*, **2020**, 41, 2168-2179	9.5	27
42	NO-cGMP pathway increases the hyperpolarisation-activated current, I(f), and heart rate during adrenergic stimulation. *Cardiovascular Research*, **2001**, 52, 446-53	9.9	26
41	Mammalian 2 AMPK regulates intrinsic heart rate. *Nature Communications*, **2017**, 8, 1258	17.4	24
40	Cholinergic control of heart rate by nitric oxide is site specific. *Physiology*, **2002**, 17, 202-6	9.8	22
39	Peripheral pre-synaptic pathway reduces the heart rate response to sympathetic activation following exercise training: role of NO. *Cardiovascular Research*, **2000**, 47, 90-8	9.9	22
38	C-type natriuretic peptide and natriuretic peptide receptor B signalling inhibits cardiac sympathetic neurotransmission and autonomic function. *Cardiovascular Research*, **2016**, 112, 637-644	9.9	20
37	Coronary Sinus Neuropeptide Y Levels and Adverse Outcomes in Patients With Stable Chronic Heart Failure. *JAMA Cardiology*, **2020**, 5, 318-325	16.2	20
36	Cost-Effectiveness Analysis of Quadripolar Versus Bipolar Left Ventricular Leads for Cardiac Resynchronization Defibrillator Therapy In a Large, Multicenter UK Registry. *JACC: Clinical Electrophysiology*, **2017**, 3, 107-116	4.6	19
35	CAPON modulates neuronal calcium handling and cardiac sympathetic neurotransmission during dysautonomia in hypertension. *Hypertension*, **2015**, 65, 1288-1297	8.5	19

34	Myocardial infarction with intracardiac thrombosis as the presentation of acute promyelocytic leukemia: diagnosis and follow-up by cardiac magnetic resonance imaging. *Circulation*, **2011**, 123, e370-2	16.7	17
33	Protection against ventricular fibrillation via cholinergic receptor stimulation and the generation of nitric oxide. *Journal of Physiology*, **2016**, 594, 3981-92	3.9	16
32	Adrenergic Receptor Stimulation and Alternans in the Border Zone of a Healed Infarct: An Study and Computational Investigation of Arrhythmogenesis. *Frontiers in Physiology*, **2019**, 10, 350	4.6	14
31	Regulation of adrenergic control of heart rate by GTP-cyclohydrolase 1 (GCH1) and tetrahydrobiopterin. *Cardiovascular Research*, **2012**, 93, 694-701	9.9	13
30	Regulation of hippocampal synaptic plasticity thresholds and changes in exploratory and learning behavior in dominant negative NPR-B mutant rats. *Frontiers in Molecular Neuroscience*, **2014**, 7, 95	6.1	12
29	Endocardial left ventricular pacing across the interventricular septum for cardiac resynchronization therapy: Clinical results of a pilot study. *Heart Rhythm*, **2018**, 15, 1017-1022	6.7	11
28	Periprocedural stroke risk in patients undergoing catheter ablation for atrial fibrillation on uninterrupted warfarin. *Journal of Cardiovascular Electrophysiology*, **2014**, 25, 585-90	2.7	11
27	Optical Interrogation of Sympathetic Neuronal Effects on Macroscopic Cardiomyocyte Network Dynamics. *IScience*, **2020**, 23, 101334	6.1	8
26	Overexpression of Sarcoendoplasmic Reticulum Calcium ATPase 2a Promotes Cardiac Sympathetic Neurotransmission via Abnormal Endoplasmic Reticulum and Mitochondria Ca Regulation. *Hypertension*, **2017**, 69, 625-632	8.5	6
25	Mechanistic insights into ventricular arrhythmogenesis of hydroxychloroquine and azithromycin for the treatment of COVID-19		6
24	Downregulation of M Current Is Coupled to Membrane Excitability in Sympathetic Neurons Before the Onset of Hypertension. *Hypertension*, **2020**, 76, 1915-1923	8.5	5
23	COSMAS: a lightweight toolbox for cardiac optical mapping analysis. *Scientific Reports*, **2021**, 11, 9147	4.9	5
22	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. *Journal of Atrial Fibrillation*, **2013**, 5, 761	0.8	4
21	Cardiac TdP risk stratification modelling of anti-infective compounds including chloroquine and hydroxychloroquine. *Royal Society Open Science*, **2021**, 8, 210235	3.3	3
20	Blockade of sodium-calcium exchanger via ORM-10962 attenuates cardiac alternans. *Journal of Molecular and Cellular Cardiology*, **2021**, 153, 111-122	5.8	3
19	Pneumopericardium and Pneumomediastinum After Implantation of a Cardiac Resynchronization Pacemaker. *JACC: Case Reports*, **2019**, 1, 381-384	1.2	2
18	Physiology of shock and volume resuscitation. *Surgery*, **2013**, 31, 545-551	0.3	2
17	The kidney-heart connection during electrical storm: from bedside back to bench. *Experimental Physiology*, **2014**, 99, 1451-2	2.4	2

List of Publications

16	Letter by Herring and Paterson regarding article, "Common NOS1AP variants are associated with a prolonged QTc interval in the Rotterdam Study". *Circulation*, **2007**, 116, e564; author reply e565	16.7	2
15	Adaption and Responses **2012**, 275-284		1
14	Endothelial nitric oxide synthase and heart rate. *Circulation*, **2002**, 106, e5; author reply e5	16.7	1
13	Physiology of shock and volume resuscitation. *Surgery*, **2016**, 34, 543-549	0.3	1
12	Electrophysiological and Proarrhythmic Effects of Hydroxychloroquine Challenge in Guinea-Pig Hearts. *ACS Pharmacology and Translational Science*, **2021**, 4, 1639-1653	5.9	0
11	Myocardial Energy Response to Glyceryl Trinitrate: Physiology Revisited.. *Frontiers in Physiology*, **2021**, 12, 790525	4.6	0
10	Physiology of shock and volume resuscitation. *Surgery*, **2019**, 37, 541-548	0.3	
9	56 Endocardial Left Ventricular Pacing Across the Inter-ventricular Septum for Cardiac Resynchronisation Therapy Clinical Results. *Heart*, **2016**, 102, A41.1-A41	5.1	
8	A case of difficult RV lead placement. *Heart*, **2014**, 100, 434-5, 439	5.1	
7	Cardiovascular Proteomics: Assessment of Protein Post-Translational Modifications **2012**, 261-271		
6	NICE on infective endocarditis: A call for national monitoring of antibiotic prophylaxis. *BMJ, The*, **2008**, 336, 976	5.9	
5	Particulate guanylyl cyclase and cholinergic control of cardiac excitability is site specific. *Cardiovascular Research*, **2002**, 54, 697-8; author reply 699-700	9.9	
4	Rationale and study design of the MINERVA study: Multicentre Investigation of Novel Electrocardiogram Risk markers in Ventricular Arrhythmia prediction-UK multicentre collaboration.. *BMJ Open*, **2022**, 12, e059527	3	
3	Pravastatin normalizes peripheral sympathetic hyperactivity in the Spontaneously Hypertensive Rat by reducing cardiac angiotensin 2 levels. *FASEB Journal*, **2010**, 24, 1049.3	0.9	
2	Galanin reduces cardiac vagal acetylcholine release and bradycardia via a GalR1, protein kinase C dependent pathway. *FASEB Journal*, **2010**, 24, 625.11	0.9	
1	Peripheral Cardiac Sympathetic dysfunction in the prehypertensive Spontaneously Hypertensive Rat. *FASEB Journal*, **2012**, 26, 1091.21	0.9	