Gwilym M Morris

List of Publications by Year
in descending order

37 papers	1,230 citations	567281 15 h-index	526287 27 g-index
38 all docs	38 docs citations	38 times ranked	1841 citing authors

#	Article	IF	Citations
1	Exercise training reduces resting heart rate via downregulation of the funny channel HCN4. Nature Communications, 2014, 5, 3775.	12.8	194
2	The Anatomy and Physiology of the Sinoatrial Node-A Contemporary Review. PACE - Pacing and Clinical Electrophysiology, 2010, 33, 1392-1406.	1.2	166
3	Structure, function and clinical relevance of the cardiac conduction system, including the atrioventricular ring and outflow tract tissues. , 2013, 139, 260-288.		156
4	Circadian rhythm of cardiac electrophysiology, arrhythmogenesis, and the underlying mechanisms. Heart Rhythm, 2019, 16, 298-307.	0.7	118
5	Progression of atrial remodeling in patients with high-burden atrial fibrillation: Implications for early ablative intervention. Heart Rhythm, 2016, 13, 331-339.	0.7	87
6	Biology of the Sinus Node and its Disease. Arrhythmia and Electrophysiology Review, 2015, 4, 28.	2.4	79
7	Targeting miR-423-5p Reverses Exercise Trainingâ€“Induced HCN4 Channel Remodeling and Sinus Bradycardia. Circulation Research, 2017, 121, 1058-1068.	4.5	76
8	Viewpoint: Is the resting bradycardia in athletes the result of remodeling of the sinoatrial node rather than high vagal tone?. Journal of Applied Physiology, 2013, 114, 1351-1355.	2.5	64
9	Not All Pacemakers Are Created Equal: MRI Conditional Pacemaker and Lead Technology. Journal of Cardiovascular Electrophysiology, 2013, 24, 1059-1065.	1.7	31
10	Isolation of the posterior left atrium for patients with persistent atrial fibrillation: routine adenosine challenge for dormant posterior left atrial conduction improves long-term outcome. Europace, 2017, 19, 1958-1966.	1.7	29
11	Fibrosis, Electrics and Genetics. Circulation Journal, 2014, 78, 1272-1282.	1.6	25
12	Characterization of a right atrial subsidiary pacemaker and acceleration of the pacing rate by HCN over-expression. Cardiovascular Research, 2013, 100, 160-169.	3.8	23
13	Temporal Stability of Rotors and Atrial Activation Patterns in Persistent HumanÂAtrial Fibrillation. JACC: Clinical Electrophysiology, 2015, 1, 14-24.	3.2	23
14	Intrinsic Electrical Remodeling Underlies Atrioventricular Block in Athletes. Circulation Research, 2021, 129, e1-e20.	4.5	23
15	Atrial Tachycardia Arising From theÂCristaÂTerminalis, Detailed Electrophysiological Features and Long-Term Ablation Outcomes. JACC: Clinical Electrophysiology, 2019, 5, 448-458.	3.2	21
16	TBX18 overexpression enhances pacemaker function in a rat subsidiary atrial pacemaker model of sick sinus syndrome. Journal of Physiology, 2018, 596, 6141-6155.	2.9	20
17	Regulation of sinus node pacemaking and atrioventricular node conduction by HCN channels in health and disease. Progress in Biophysics and Molecular Biology, 2021, 166, 61-85.	2.9	16
18	Endothelial function and atrial fibrillation: A missing piece of the puzzle?. Journal of Cardiovascular Electrophysiology, 2022, 33, 109-116.	1.7	14

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19	Simultaneous epicardialâ€“endocardial mapping of the sinus node in humans with structural heart disease: Impact of overdrive suppression on sinoatrial exits. Heart Rhythm, 2020, 17, 2154-2163.	0.7	13
20	Perspectives â€” biological pacing, a clinical reality?. Therapeutic Advances in Cardiovascular Disease, 2009, 3, 479-483.	2.1	12
21	Supraventricular Arrhythmias in Athletes: Basic Mechanisms and New Directions. Physiology, 2019, 34, 314-326.	3.1	11
22	Percutaneous intervention on anomalous circumflex coronary arteries â€” a single centre experience. Cardiovascular Revascularization Medicine, 2012, 13, 335-340.	0.8	7
23	Not so fast! Sick sinus syndrome is a complex and incompletely understood disease that might prove hard to model in animals. Cardiovascular Research, 2011, 92, 178-178.	3.8	6
24	Patient radiation dose during fluoroscopically guided biventricular device implantation. Acta Cardiologica, 2014, 69, 491-495.	0.9	6
25	The association of heart valve diseases with coronary artery dominance. Journal of Heart Valve Disease, 2010, 19, 389-93.	0.5	3
26	Embryology of the Cardiac Conduction System Relevant to Arrhythmias. Cardiac Electrophysiology Clinics, 2019, 11, 409-420.	1.7	2
27	Deep Vein Thrombosis is Common AfterÂCardiac Ablation and Pre-Procedural D-Dimer Could Predict Risk. Heart Lung and Circulation, 2022, 31, 1015-1022.	0.4	2
28	Local impedance-guided ablation and ultra-high density mapping versus conventional or contact force-guided ablation with mapping for treatment of cavotricuspid isthmus dependent atrial flutter. Indian Pacing and Electrophysiology Journal, 2022, 22, 188-194.	0.6	2
29	P472Lateral epicardial breakthrough as a perpetuator of cavotricuspid isthmus conduction despite bidirectional mid-isthmus block: an important diagnostic role for high-density electroanatomical mapping. Europace, 2018, 20, i96-i96.	1.7	1
30	Retroperitoneal Hematoma After Diagnostic Coronary Angiography Caused by Collateralization of a Chronic Common Femoral Artery Occlusion Secondary to Childhood Femoral Cannulation. Circulation: Cardiovascular Interventions, 2009, 2, 580-581.	3.9	0
31	The importance of being earnest; in haemostasis after femoral venepuncture. BMJ Case Reports, 2011, 2011, bcr0720114434-bcr0720114434.	0.5	0
32	Letter by Morris et al Regarding Article, â€œLow Heart Rates Predict Incident Atrial Fibrillation in Healthy Middle-Aged Menâ€•by Grundvold et al. Circulation: Arrhythmia and Electrophysiology, 2013, 6, e101.	4.8	0
33	Reply to Matelot, Schnell, Kervio, Thillaye du Boullay, and Carre. Journal of Applied Physiology, 2013, 114, 1757-1757.	2.5	0
34	Electrocardiographic Characteristics of Focal Atrial Tachycardias. Cardiac Electrophysiology Clinics, 2014, 6, 459-468.	1.7	0
35	Cardiac arrest caused by a pacemaker check. BMJ Case Reports, 2015, 2015, bcr2014206621-bcr2014206621.	0.5	0
36	P467Rare electrics and rare blood: properties of a left posteroseptal accessory pathway with decremental conduction and successful ablation in a patient with platelet storage pool disorder. Europace, 2018, 20, i94-i94.	1.7	0

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37	Left Atrial Appendage Closure. Interventional Cardiology Clinics, 2022, 11, 171-183.	0.4	0