

# Charles M Pearman

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

466  
citations

1051969

10  
h-index

799663

21  
g-index

34  
all docs

34  
docs citations

34  
times ranked

992  
citing authors

#	ARTICLE	IF	CITATIONS
1	Calcium in the Pathophysiology of Atrial Fibrillation and Heart Failure. <i>Frontiers in Physiology</i> , 2018, 9, 1380.	1.3	112
2	Targeting miR-423-5p Reverses Exercise Training-Induced HCN4 Channel Remodeling and Sinus Bradycardia. <i>Circulation Research</i> , 2017, 121, 1058-1068.	2.0	76
3	Altered atrial cytosolic calcium handling contributes to the development of postoperative atrial fibrillation. <i>Cardiovascular Research</i> , 2021, 117, 1790-1801.	1.8	45
4	Epidemiology of cardiac implantable electronic device infections: incidence and risk factors. <i>Europace</i> , 2021, 23, iv3-iv10.	0.7	38
5	Systematic re-evaluation of <i>SCN5A</i> variants associated with Brugada syndrome. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 118-127.	0.8	36
6	Phosphodiesterase 5 inhibition improves contractile function and restores transverse tubule loss and catecholamine responsiveness in heart failure. <i>Scientific Reports</i> , 2019, 9, 6801.	1.6	34
7	Methods for isolating atrial cells from large mammals and humans. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 86, 187-198.	0.9	26
8	Increased Vulnerability to Atrial Fibrillation Is Associated With Increased Susceptibility to Alternans in Old Sheep. <i>Journal of the American Heart Association</i> , 2018, 7, e009972.	1.6	14
9	Minimally Invasive Epicardial Surgical Ablation Alone Versus Hybrid Ablation for Atrial Fibrillation: A Systematic Review and Meta-Analysis. <i>Arrhythmia and Electrophysiology Review</i> , 2017, 6, 202.	1.3	14
10	Increased Ca buffering underpins remodelling of Ca <sup>2+</sup> handling in old sheep atrial myocytes. <i>Journal of Physiology</i> , 2017, 595, 6263-6279.	1.3	13
11	H-89 inhibits transient outward and inward rectifier potassium currents in isolated rat ventricular myocytes. <i>British Journal of Pharmacology</i> , 2006, 148, 1091-1098.	2.7	10
12	Relationship between sodium channel function and clinical phenotype in <i>SCN5A</i> variants associated with Brugada syndrome. <i>Human Mutation</i> , 2020, 41, 2195-2204.	1.1	9
13	Complication rates following ventricular tachycardia ablation in ischaemic and non-ischaemic cardiomyopathies: a systematic review. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2022, 63, 59-67.	0.6	9
14	PDE5 Inhibition Suppresses Ventricular Arrhythmias by Reducing SR Ca <sup>2+</sup> Content. <i>Circulation Research</i> , 2021, 129, 650-665.	2.0	8
15	An Excel-based implementation of the spectral method of action potential alternans analysis. <i>Physiological Reports</i> , 2014, 2, e12194.	0.7	7
16	Early experience of thoracoscopic vs. catheter ablation for atrial fibrillation. <i>Europace</i> , 2019, 21, 738-745.	0.7	5
17	Chronic vagal nerve stimulation has no effect on tachycardia-induced heart failure progression or excitation-contraction coupling. <i>Physiological Reports</i> , 2020, 8, e14321.	0.7	4
18	The clinical utility of procainamide-induced late potentials on the signal averaged ECG. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2021, 44, 2046-2053.	0.5	2

#	ARTICLE	IF	CITATIONS
19	Ehlers-Danlos with disease of the aorta and mitral valve. <i>Journal of Acute Medicine</i> , 2012, 2, 128-130.	0.2	1
20	218â€¦Action Potential Alternans in the Ageing Ovine Atria. <i>Heart</i> , 2014, 100, A119-A120.	1.2	1
21	Optimising Large Animal Models of Sustained Atrial Fibrillation: Relevance of the Critical Mass Hypothesis. <i>Frontiers in Physiology</i> , 2021, 12, 690897.	1.3	1
22	Concentration-dependent effects of PKA inhibitor H-89 on I <sub>Ca</sub> , I <sub>to</sub> and I <sub>K1</sub> in isolated rat ventricular myocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2006, 40, 986.	0.9	0
23	Letter by Denham et al Regarding Article, "Familial Occurrence of Atrioventricular Nodal Reentrant Tachycardia": <i>Circulation: Arrhythmia and Electrophysiology</i> , 2017, 10, .	2.1	0
24	Letter by Pearman et al. Regarding article "Effect of botulinum toxin on inducibility and maintenance of atrial fibrillation in ovine myocardial tissue": <i>PACE - Pacing and Clinical Electrophysiology</i> , 2017, 40, 1186-1186.	0.5	0
25	179â€¦Phosphodiesterase-5 inhibition with sildenafil suppresses calcium waves by reducing sarcoplasmic reticulum content. <i>Heart</i> , 2017, 103, A124.1-A124.	1.2	0
26	A classic textbook flutter. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2018, 41, 87-89.	0.5	0
27	When you have eliminated the impossible! . <i>PACE - Pacing and Clinical Electrophysiology</i> , 2018, 41, 1232-1234.	0.5	0
28	Increased alternans susceptibility in heart failure is linked to action potential morphology. <i>Journal of Molecular and Cellular Cardiology</i> , 2020, 140, 27-28.	0.9	0
29	Authors' Reply: Hybrid Approach for Atrial Fibrillation Ablation: The Jury is Still Out. <i>Arrhythmia and Electrophysiology Review</i> , 2018, 7, 65.	1.3	0
30	28â€¦Do the risks and benefits of thoracoscopic af ablation justify its endorsement in guidelines? a propensity matched study with catheter ablation. , 2018, , .		0
31	High Precordial Lead Electrocardiogram Changes in Arrhythmogenic Cardiomyopathy. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0