Mark D Mccauley

List of Publications by Year
in descending order

31 papers	1,111 citations	623734 14 h-index	610901 24 g-index
31 all docs	31 docs citations	31 times ranked	2126 citing authors

#	Article	IF	Citations
1	Left atrial echocardiographic parameters predict the onset of atrial fibrillation: the SMASH2 scoring system. Journal of Interventional Cardiac Electrophysiology, 2022, , .	1.3	0
2	Biocompatibility studies of macroscopic fibers made from carbon nanotubes: Implications for carbon nanotube macrostructures in biomedical applications. Carbon, 2021, 173, 462-476.	10.3	25
3	Atrial Fibrillation and Longitudinal Change in Cognitive Function in CKD. Kidney International Reports, 2021, 6, 669-674.	0.8	1
4	Virchowâ€™s Triad and the Role of Thrombosis in COVID-Related Stroke. Frontiers in Physiology, 2021, 12, 769254.	2.8	15
5	Ion Channel and Structural Remodeling in Obesity-Mediated Atrial Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e008296.	4.8	53
6	Atrial Fibrillation Risk Prediction from Electrocardiogram and Related Health Data with Deep Neural Network. , 2020, , .		2
7	Atrial Cardiomyopathy: An Unexplored Limb of Virchow's Triad for AF Stroke Prophylaxis. Frontiers in Cardiovascular Medicine, 2020, 7, 11.	2.4	12
8	Abstract WMP39: Protein Phosphatase 1 Regulatory Subunit 12C Contributes to Atrial Myosin Light Chain Dephosphorylation in Atrial Fibrillation. Stroke, 2020, 51, .	2.0	0
9	In Vivo Restoration of Myocardial Conduction With Carbon Nanotube Fibers. Circulation: Arrhythmia and Electrophysiology, 2019, 12, e007256.	4.8	30
10	Association Between Family History and Early-Onset Atrial Fibrillation Across Racial and Ethnic Groups. JAMA Network Open, 2018, 1, e182497.	5.9	23
11	Race and Socioeconomic Status Regulate Lifetime Risk of Atrial Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2018, 11, e006584.	4.8	2
12	Molecular Insights into Short QT Syndrome. Journal of Innovations in Cardiac Rhythm Management, 2018, 2018, 3065-3070.	0.5	4
13	Abstract 304: Protein Phosphatase 1 Contributes to Atrial Stunning in Atrial Fibrillation. Circulation Research, 2018, 123, .	4.5	0
14	Germline versus somatic mutations in genetic atrial fibrillation. Heart Rhythm, 2017, 14, 1539-1540.	0.7	0
15	The Pharmacogenomics of a Mutation â€œHotspotâ€•for the Short QT Syndrome. JACC: Clinical Electrophysiology, 2017, 3, 744-746.	3.2	1
16	SPEG (Striated Muscle Preferentially Expressed Protein Kinase) Is Essential for Cardiac Function by Regulating Junctional Membrane Complex Activity. Circulation Research, 2017, 120, 110-119.	4.5	86
17	A new paradigm for predicting risk of Torsades de Pointes during drug development: Commentary on: â€œImproved prediction of drugâ€•induced Torsades de Pointes through simulations of dynamics and machine learning algorithmsâ€• Clinical Pharmacology and Therapeutics, 2016, 100, 324-326.	4.7	3
18	Phospholamban ablation rescues the enhanced propensity to arrhythmias of mice with CaMKIIâ€constitutive phosphorylation of RyR2 at site S2814. Journal of Physiology, 2016, 594, 3005-3030.	2.9	20

#	Article	IF	Citations
19	Proarrhythmic and Torsadogenic Effects of Potassium Channel Blockers in Patients. Cardiac Electrophysiology Clinics, 2016, 8, 481-493.	1.7	12
20	Fluoroscopy-free Atrial Transseptal Puncture. European Journal of Arrhythmia & Electrophysiology, 2016, 02, 57.	0.2	12
21	Expression and function of Kv1.1 potassium channels in human atria from patients with atrial fibrillation. Basic Research in Cardiology, 2015, 110, 505.	5.9	35
22	Worsening renal function is not associated with response to treatment in acute heart failure. International Journal of Cardiology, 2013, 167, 1912-1917.	1.7	23
23	Circadian rhythms govern cardiac repolarization and arrhythmogenesis. Nature, 2012, 483, 96-99.	27.8	311
24	Ca2+/Calmodulin Dependent Protein Kinase II Phosphorylation of RyR2 Alters the Force-Frequency Relationship in Mice. Journal of Cardiac Failure, 2011, 17, S32.	1.7	0
25	Lack of Association of Changes in BNP with Cardiorenal Syndrome during Treatment of Acute Decompensated Heart Failure. Journal of Cardiac Failure, 2011, 17, S91.	1.7	0
26	Ryanodine Receptor Phosphorylation, Calcium/Calmodulin-Dependent Protein Kinase II, and Life-Threatening Ventricular Arrhythmias. Trends in Cardiovascular Medicine, 2011, 21, 48-51.	4.9	21
27	Targeting ryanodine receptors for anti-arrhythmic therapy. Acta Pharmacologica Sinica, 2011, 32, 749-757.	6.1	36
28	Pathogenesis of Lethal Cardiac Arrhythmias in Mecp2 Mutant Mice: Implication for Therapy in Rett Syndrome. Science Translational Medicine, 2011, 3, 113ra125.	12.4	72
29	Ambulatory ECG Recording in Mice. Journal of Visualized Experiments, 2010, , .	0.3	15
30	Ryanodine Receptor Phosphorylation by Calcium/Calmodulin-Dependent Protein Kinase II Promotes Life-Threatening Ventricular Arrhythmias in Mice With Heart Failure. Circulation, 2010, 122, 2669-2679.	1.6	261
31	Animal models of arrhythmogenic cardiomyopathy. DMM Disease Models and Mechanisms, 2009, 2, 563-570.	2.4	36