

Mark J Shen

List of Publications by Year in descending order

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29
papers

2,021
citations

471509

17
h-index

526287

27
g-index

31
all docs

31
docs citations

31
times ranked

2610
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of the Autonomic Nervous System in Modulating Cardiac Arrhythmias. <i>Circulation Research</i> , 2014, 114, 1004-1021.	4.5	618
2	Intrinsic Cardiac Nerve Activity and Paroxysmal Atrial Tachyarrhythmia in Ambulatory Dogs. <i>Circulation</i> , 2010, 121, 2615-2623.	1.6	217
3	Continuous Low-Level Vagus Nerve Stimulation Reduces Stellate Ganglion Nerve Activity and Paroxysmal Atrial Tachyarrhythmias in Ambulatory Canines. <i>Circulation</i> , 2011, 123, 2204-2212.	1.6	202
4	Small-Conductance Calcium-Activated Potassium Channel and Recurrent Ventricular Fibrillation in Failing Rabbit Ventricles. <i>Circulation Research</i> , 2011, 108, 971-979.	4.5	149
5	Neural mechanisms of atrial arrhythmias. <i>Nature Reviews Cardiology</i> , 2012, 9, 30-39.	13.7	145
6	Atrial Myopathy. <i>JACC Basic To Translational Science</i> , 2019, 4, 640-654.	4.1	134
7	Genesis of Phase 3 Early Afterdepolarizations and Triggered Activity in Acquired Long-QT Syndrome. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2011, 4, 103-111.	4.8	86
8	Diastolic Intracellular Calcium-Membrane Voltage Coupling Gain and Postshock Arrhythmias. <i>Circulation Research</i> , 2010, 106, 399-408.	4.5	78
9	Neural mechanisms of atrial fibrillation. <i>Current Opinion in Cardiology</i> , 2012, 27, 24-28.	1.8	67
10	Patterns of baseline autonomic nerve activity and the development of pacing-induced sustained atrial fibrillation. <i>Heart Rhythm</i> , 2011, 8, 583-589.	0.7	57
11	Low-level vagus nerve stimulation upregulates small conductance calcium-activated potassium channels in the stellate ganglion. <i>Heart Rhythm</i> , 2013, 10, 910-915.	0.7	53
12	Intermittent left cervical vagal nerve stimulation damages the stellate ganglia and reduces the ventricular rate during sustained atrial fibrillation in ambulatory dogs. <i>Heart Rhythm</i> , 2016, 13, 771-780.	0.7	46
13	Patient characteristics as predictors of recurrence of atrial fibrillation following cryoballoon ablation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2019, 42, 694-704.	1.2	24
14	Heart Failure Decreases Nerve Activity in the Right Atrial Ganglionated Plexus. <i>Journal of Cardiovascular Electrophysiology</i> , 2012, 23, 404-412.	1.7	22
15	Hypokalemia promotes late phase 3 early afterdepolarization and recurrent ventricular fibrillation during isoproterenol infusion in Langendorff perfused rabbit ventricles. <i>Heart Rhythm</i> , 2014, 11, 697-706.	0.7	19
16	Ca ²⁺ clock malfunction in a canine model of pacing-induced heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010, 299, H1805-H1811.	3.2	18
17	Interventional and Device-Based Autonomic Modulation in Heart Failure. <i>Heart Failure Clinics</i> , 2015, 11, 337-348.	2.1	18
18	Simultaneous recordings of intrinsic cardiac nerve activity and skin sympathetic nerve activity from human patients during the postoperative period. <i>Heart Rhythm</i> , 2017, 14, 1587-1593.	0.7	18

#	ARTICLE	IF	CITATIONS
19	A novel risk model for very late return of atrial fibrillation beyond 1 year after cryoballoon ablation: the SCALE-CryoAF score. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2020, 58, 209-217.	1.3	13
20	Neural Control of Ventricular Rate in Ambulatory Dogs With Pacing-Induced Sustained Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2012, 5, 571-580.	4.8	11
21	The cardiac autonomic nervous system: an introduction. <i>Herzschrittmachertherapie Und Elektrophysiologie</i> , 2021, 32, 295-301.	0.8	8
22	Outcomes With Novel Oral Anticoagulants in Obese Patients who Underwent Electrical Cardioversion for Atrial Tachyarrhythmias. <i>American Journal of Cardiology</i> , 2018, 122, 1175-1178.	1.6	6
23	Effects of carvedilol on cardiac autonomic nerve activities during sinus rhythm and atrial fibrillation in ambulatory dogs. <i>Europace</i> , 2014, 16, 1083-1091.	1.7	3
24	Improvement in renal function following cryoballoon ablation for atrial fibrillation. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2021, 60, 513-520.	1.3	3
25	Neural Activity and Atrial Tachyarrhythmias. , 2018, , 375-386.		2
26	Value of high-density mapping in the electrophysiology laboratory. <i>Current Opinion in Cardiology</i> , 2019, 34, 6-15.	1.8	2
27	Fusion during entrainment at the cavotricuspid isthmus: What is the mechanism?. <i>Heart Rhythm</i> , 2018, 15, 787-789.	0.7	1
28	Spinal Cord Stimulation for Heart Failure and Arrhythmias. , 2018, , 1328-1330.		0
29	Reply to the Editor's Fusion during entrainment at the cavotricuspid isthmus: When entrainment does not match our expectation. <i>Heart Rhythm</i> , 2018, 15, e275.	0.7	0