

Qing Lou

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,570
citations

361413

20
h-index

552781

26
g-index

27
all docs

27
docs citations

27
times ranked

2211
citing authors

#	ARTICLE	IF	CITATIONS
1	Transmural Dispersion of Repolarization in Failing and Nonfailing Human Ventricle. <i>Circulation Research</i> , 2010, 106, 981-991.	4.5	282
2	Conduction Remodeling in Human End-Stage Nonischemic Left Ventricular Cardiomyopathy. <i>Circulation</i> , 2012, 125, 1835-1847.	1.6	142
3	Transmural Heterogeneity and Remodeling of Ventricular Excitation-Contraction Coupling in Human Heart Failure. <i>Circulation</i> , 2011, 123, 1881-1890.	1.6	134
4	Calsequestrin 2 deletion causes sinoatrial node dysfunction and atrial arrhythmias associated with altered sarcoplasmic reticulum calcium cycling and degenerative fibrosis within the mouse atrial pacemaker complex1. <i>European Heart Journal</i> , 2015, 36, 686-697.	2.2	110
5	Remodeling of Calcium Handling in Human Heart Failure. <i>Advances in Experimental Medicine and Biology</i> , 2012, 740, 1145-1174.	1.6	88
6	Mapping and Ablation of Ventricular Fibrillation Associated With Early Repolarization Syndrome. <i>Circulation</i> , 2019, 140, 1477-1490.	1.6	80
7	Upregulation of Adenosine A1 Receptors Facilitates Sinoatrial Node Dysfunction in Chronic Canine Heart Failure by Exacerbating Nodal Conduction Abnormalities Revealed by Novel Dual-Sided Intramural Optical Mapping. <i>Circulation</i> , 2014, 130, 315-324.	1.6	70
8	The role of dynamic instability and wavelength in arrhythmia maintenance as revealed by panoramic imaging with blebbistatin vs. 2,3-butanedione monoxime. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 302, H262-H269.	3.2	66
9	Calcium-Activated Potassium Current Modulates Ventricular Repolarization in Chronic Heart Failure. <i>PLoS ONE</i> , 2014, 9, e108824.	2.5	62
10	Panoramic imaging reveals basic mechanisms of induction and termination of ventricular tachycardia in rabbit heart with chronic infarction: Implications for low-voltage cardioversion. <i>Heart Rhythm</i> , 2009, 6, 87-97.	0.7	61
11	Multiple monophasic shocks improve electrotherapy of ventricular tachycardia in a rabbit model of chronic infarction. <i>Heart Rhythm</i> , 2009, 6, 1020-1027.	0.7	54
12	Decreased RyR2 refractoriness determines myocardial synchronization of aberrant Ca ²⁺ release in a genetic model of arrhythmia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 10312-10317.	7.1	53
13	Optical Mapping of Action Potentials and Calcium Transients in the Mouse Heart. <i>Journal of Visualized Experiments</i> , 2011, , .	0.3	47
14	Quantitative Panoramic Imaging of Epicardial Electrical Activity. <i>Annals of Biomedical Engineering</i> , 2008, 36, 1649-1658.	2.5	45
15	Ryanodine receptor phosphorylation by oxidized CaMKII contributes to the cardiotoxic effects of cardiac glycosides. <i>Cardiovascular Research</i> , 2014, 101, 165-174.	3.8	41
16	Neuronal Na ⁺ channel blockade suppresses arrhythmogenic diastolic Ca ²⁺ release. <i>Cardiovascular Research</i> , 2015, 106, 143-152.	3.8	38
17	Multiparametric Optical Mapping of the Langendorff-perfused Rabbit Heart. <i>Journal of Visualized Experiments</i> , 2011, , .	0.3	36
18	Tachy-brady arrhythmias: The critical role of adenosine-induced sinoatrial conduction block in post-tachycardia pauses. <i>Heart Rhythm</i> , 2013, 10, 110-118.	0.7	29

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19	Genetic ablation of ryanodine receptor 2 phosphorylation at Ser2808 aggravates Ca ²⁺ -dependent cardiomyopathy by exacerbating diastolic Ca ²⁺ release. Journal of Physiology, 2014, 592, 1957-1973.	2.9	26
20	Alternating membrane potential/calcium interplay underlies repetitive focal activity in a genetic model of calcium-dependent atrial arrhythmias. Journal of Physiology, 2015, 593, 1443-1458.	2.9	24
21	Right ventricular arrhythmogenesis in failing human heart: the role of conduction and repolarization remodeling. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 303, H1426-H1434.	3.2	22
22	Ablation of HRC alleviates cardiac arrhythmia and improves abnormal Ca handling in CASQ2 knockout mice prone to CPVT. Cardiovascular Research, 2015, 108, 299-311.	3.8	20
23	Mechanism of the effects of sodium channel blockade on the arrhythmogenic substrate of Brugada syndrome. Heart Rhythm, 2022, 19, 407-416.	0.7	17
24	Conditional Up-Regulation of SERCA2a Exacerbates RyR2-Dependent Ventricular and Atrial Arrhythmias. International Journal of Molecular Sciences, 2020, 21, 2535.	4.1	9
25	Multiscale imaging of the human heart: Building the foundation for human systems physiology and translational medicine. , 2010, 2010, 5177-80.		8
26	Tetrodotoxin-sensitive Neuronal Type Na ⁺ Channels: A Novel and Druggable Target for Prevention of Atrial Fibrillation. Journal of the American Heart Association, 2020, 9, e015119.	3.7	5
27	Shock-induced focal arrhythmias: Not driven by calcium?. Heart Rhythm, 2012, 9, 105-106.	0.7	1