Ning Li

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6030130/publications.pdf

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18	1,138	567281 15	839539 18
papers	citations	h-index	g-index

18	18	18	1341
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Atrial fibrillation driven by micro-anatomic intramural re-entry revealed by simultaneous sub-epicardial and sub-endocardial optical mapping in explanted human hearts. European Heart Journal, 2015, 36, 2390-2401.	2.2	347
2	Threeâ€dimensional Integrated Functional, Structural, and Computational Mapping to Define the Structural â€œFingerprintsâ€•of Heartâ€Specific Atrial Fibrillation Drivers in Human Heart Ex Vivo. Journal of the American Heart Association, 2017, 6, .	3.7	120
3	Adenosine-Induced Atrial Fibrillation. Circulation, 2016, 134, 486-498.	1.6	85
4	Human sinoatrial node structure: 3D microanatomy of sinoatrial conduction pathways. Progress in Biophysics and Molecular Biology, 2016, 120, 164-178.	2.9	81
5	Redundant and diverse intranodal pacemakers and conduction pathways protect the human sinoatrial node from failure. Science Translational Medicine, 2017, 9, .	12.4	76
6	Molecular Mapping of Sinoatrial Node HCN Channel Expression in the Human Heart. Circulation: Arrhythmia and Electrophysiology, 2015, 8, 1219-1227.	4.8	72
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. Circulation, 2014, 130, 315-324.	1.6	70
8	Human Atrial Fibrillation Drivers ResolvedÂWith Integrated Functional andÂStructural Imaging to Benefit ClinicalÂMapping. JACC: Clinical Electrophysiology, 2018, 4, 1501-1515.	3.2	51
9	Impaired neuronal sodium channels cause intranodal conduction failure and reentrant arrhythmias in human sinoatrial node. Nature Communications, 2020, 11, 512.	12.8	39
10	Canine and human sinoatrial node: differences and similarities in the structure, function, molecular profiles, and arrhythmia. Journal of Veterinary Cardiology, 2019, 22, 2-19.	0.9	38
11	Novel application of 3D contrast-enhanced CMR to define fibrotic structure of the human sinoatrial node in vivo. European Heart Journal Cardiovascular Imaging, 2017, 18, 862-869.	1.2	35
12	Silencing miR-370-3p rescues funny current and sinus node function in heart failure. Scientific Reports, 2020, 10, 11279.	3.3	30
13	Fibroblast-Specific Proteotranscriptomes Reveal Distinct Fibrotic Signatures of Human Sinoatrial Node in Nonfailing and Failing Hearts. Circulation, 2021, 144, 126-143.	1.6	22
14	Optical Mapping-Validated Machine Learning Improves Atrial Fibrillation Driver Detection by Multi-Electrode Mapping. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e008249.	4.8	21
15	Identification of Key Small Nonâ€Coding MicroRNAs Controlling Pacemaker Mechanisms in the Human Sinus Node. Journal of the American Heart Association, 2020, 9, e016590.	3.7	17
16	Altered microRNA and mRNA profiles during heart failure in the human sinoatrial node. Scientific Reports, 2021, 11, 19328.	3.3	12
17	First In Vivo Use of High-Resolution Near-Infrared Optical Mapping to Assess Atrial Activation During Sinus Rhythm and Atrial Fibrillation in a Large Animal Model. Circulation: Arrhythmia and Electrophysiology, 2018, 11, e006870.	4.8	11
18	Comprehensive evaluation of electrophysiological and 3D structural features of human atrial myocardium with insights on atrial fibrillation maintenance mechanisms. Journal of Molecular and Cellular Cardiology, 2021, 151, 56-71.	1.9	11