

Thao P Nguyen

List of Publications by Year in descending order

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35
papers

1,050
citations

471509

17
h-index

610901

24
g-index

35
all docs

35
docs citations

35
times ranked

1564
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardiac fibrosis and arrhythmogenesis: The road to repair is paved with perils. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 70, 83-91.	1.9	247
2	Arrhythmogenic consequences of myofibroblast-myocyte coupling. <i>Cardiovascular Research</i> , 2012, 93, 242-251.	3.8	92
3	Molecular Basis of Hypokalemia-Induced Ventricular Fibrillation. <i>Circulation</i> , 2015, 132, 1528-1537.	1.6	87
4	Divergent Biophysical Defects Caused by Mutant Sodium Channels in Dilated Cardiomyopathy With Arrhythmia. <i>Circulation Research</i> , 2008, 102, 364-371.	4.5	84
5	Irregularly Appearing Early Afterdepolarizations in Cardiac Myocytes: Random Fluctuations or Dynamical Chaos?. <i>Biophysical Journal</i> , 2010, 99, 765-773.	0.5	83
6	Perspective: A dynamics-based classification of ventricular arrhythmias. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 82, 136-152.	1.9	66
7	Retinal dopamine in the recovery from experimental myopia. <i>Current Eye Research</i> , 1997, 16, 152-157.	1.5	50
8	Inactivation and Secondary Structure in the D4/S4-5 Region of the SkM1 Sodium Channel. <i>Journal of General Physiology</i> , 1998, 111, 703-715.	1.9	45
9	Light-sheet fluorescence imaging to localize cardiac lineage and protein distribution. <i>Scientific Reports</i> , 2017, 7, 42209.	3.3	41
10	Movement and Crevices Around a Sodium Channel S3 Segment. <i>Journal of General Physiology</i> , 2002, 120, 419-436.	1.9	34
11	Idiopathic massive myocardial calcification: a case report and review of the literature. <i>Cardiovascular Pathology</i> , 2011, 20, e79-e83.	1.6	32
12	Revisiting Antiarrhythmic Drug Therapy for Atrial Fibrillation: Reviewing Lessons Learned and Redefining Therapeutic Paradigms. <i>Frontiers in Pharmacology</i> , 2020, 11, 581837.	3.5	29
13	Enhanced sensitivity of aged fibrotic hearts to angiotensin II- and hypokalemia-induced early afterdepolarization-mediated ventricular arrhythmias. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 302, H2331-H2340.	3.2	27
14	In Vivo Surface Electrocardiography for Adult Zebrafish. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	27
15	Repolarization Reserve Evolves Dynamically During the Cardiac Action Potential. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 694-702.	4.8	25
16	Oxidative stress, fibrosis, and early afterdepolarization-mediated cardiac arrhythmias. <i>Frontiers in Physiology</i> , 2013, 4, 19.	2.8	24
17	Integrating light-sheet imaging with virtual reality to recapitulate developmental cardiac mechanics. <i>JCI Insight</i> , 2017, 2, .	5.0	24
18	Increased susceptibility of spontaneously hypertensive rats to ventricular tachyarrhythmias in early hypertension. <i>Journal of Physiology</i> , 2016, 594, 1689-1707.	2.9	14

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19	Adult zebrafish ventricular electrical gradients as tissue mechanisms of ECG patterns under baseline vs. oxidative stress. <i>Cardiovascular Research</i> , 2020, 117, 1891-1907.	3.8	11
20	Proarrhythmic Electrical Remodeling by Noncardiomyocytes at Interfaces With Cardiomyocytes Under Oxidative Stress. <i>Frontiers in Physiology</i> , 2020, 11, 622613.	2.8	3
21	Constructing Adult Zebrafish Einthoven's Triangle to Define Electrical Heart Axes. <i>Frontiers in Physiology</i> , 2021, 12, 708938.	2.8	2
22	Coupling of Isolated Adult Rabbit Ventricular Myocytes to Fibroblasts Under Stress Induces Afterdepolarizations. <i>Heart Rhythm</i> , 2009, 6, 1693.	0.7	1
23	Cardiac Myofibroblast-Myocyte Gap Junction Coupling Promotes After Depolarizations. <i>Biophysical Journal</i> , 2011, 100, 564a.	0.5	1
24	Atrial and Ventricular Myocytes have Different Arrhythmogenic Profiles in Response to Oxidative Stress and Hypokalemia. <i>Biophysical Journal</i> , 2014, 106, 119a.	0.5	1
25	Molecular Participants in Voltage-Dependent Gating. , 2005, , 115-120.		0
26	Fibrosis and Stress: A Double-Hit Prerequisite for a Perfect Storm of Ventricular Arrhythmias. <i>Heart Rhythm</i> , 2010, 7, 1716.	0.7	0
27	Mechanisms for Increased Arrhythmia Risk in Aged Hearts. <i>Biophysical Journal</i> , 2012, 102, 541a.	0.5	0
28	Repolarization Reserve Revisited: How the Transient Outward K Current can Promote Early after depolarizations (EADs). <i>Biophysical Journal</i> , 2013, 104, 208a.	0.5	0
29	Arrhythmia Triggers in 1D Strands of Ventricular Myocytes. <i>Biophysical Journal</i> , 2016, 110, 274a.	0.5	0
30	Atrial Early Afterdepolarization: An Emerging Property of the Fibrotic Atria?. <i>Biophysical Journal</i> , 2016, 110, 274a-275a.	0.5	0
31	Increased Susceptibility of Spontaneously Hypertensive Rats to Ventricular Tachyarrhythmias during the Early Stages of Hypertension. <i>Biophysical Journal</i> , 2016, 110, 30a.	0.5	0
32	Mechanisms in Heritable Sodium Channel Diseases. , 2018, , 473-482.		0
33	Oxidative Stress Remodeling of Zebrafish Cardiac Electrical Gradients. <i>Biophysical Journal</i> , 2018, 114, 625a.	0.5	0
34	Tissue Mechanisms of Adult Zebrafish Ventricular ECG Patterns under Baseline and Oxidative Stress Condition. <i>Biophysical Journal</i> , 2020, 118, 259a.	0.5	0
35	Editorial: Oxidative Stress in Myocardial and Neural Remodeling. <i>Frontiers in Physiology</i> , 2021, 12, 606484.	2.8	0