Thao P Nguyen

List of Publications by Year
in descending order

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	Editorial: Oxidative Stress in Myocardial and Neural Remodeling. Frontiers in Physiology, 2021, 12, 606484.	2.8	0
2	Constructing Adult Zebrafish Einthovenâ€™s Triangle to Define Electrical Heart Axes. Frontiers in Physiology, 2021, 12, 708938.	2.8	2
3	Adult zebrafish ventricular electrical gradients as tissue mechanisms of ECG patterns under baseline vs. oxidative stress. Cardiovascular Research, 2020, 117, 1891-1907.	3.8	11
4	Tissue Mechanisms of Adult Zebrafish Ventricular ECG Patterns under Baseline and Oxidative Stress Condition. Biophysical Journal, 2020, 118, 259a.	0.5	0
5	Revisiting Antiarrhythmic Drug Therapy for Atrial Fibrillation: Reviewing Lessons Learned and Redefining Therapeutic Paradigms. Frontiers in Pharmacology, 2020, 11, 581837.	3.5	29
6	Proarrhythmic Electrical Remodeling by Noncardiomyocytes at Interfaces With Cardiomyocytes Under Oxidative Stress. Frontiers in Physiology, 2020, 11, 622613.	2.8	3
7	In Vivo Surface Electrocardiography for Adult Zebrafish. Journal of Visualized Experiments, 2019, , .	0.3	27
8	Mechanisms in Heritable Sodium Channel Diseases. , 2018, , 473-482.		0
9	Oxidative Stress Remodeling of Zebrafish Cardiac Electrical Gradients. Biophysical Journal, 2018, 114, 625a.	0.5	0
10	Light-sheet fluorescence imaging to localize cardiac lineage and protein distribution. Scientific Reports, 2017, 7, 42209.	3.3	41
11	Integrating light-sheet imaging with virtual reality to recapitulate developmental cardiac mechanics. JCI Insight, 2017, 2, .	5.0	24
12	Arrhythmia Triggers in 1D Strands of Ventricular Myocytes. Biophysical Journal, 2016, 110, 274a.	0.5	0
13	Atrial Early Afterdepolarization: An Emerging Property of the Fibrotic Atria?. Biophysical Journal, 2016, 110, 274a-275a.	0.5	0
14	Increased Susceptibility of Spontaneously Hypertensive Rats to Ventricular Tachyarrhythmias during the Early Stages of Hypertension. Biophysical Journal, 2016, 110, 30a.	0.5	0
15	Increased susceptibility of spontaneously hypertensive rats to ventricular tachyarrhythmias in early hypertension. Journal of Physiology, 2016, 594, 1689-1707.	2.9	14
16	Repolarization Reserve Evolves Dynamically During the Cardiac Action Potential. Circulation: Arrhythmia and Electrophysiology, 2015, 8, 694-702.	4.8	25
17	Perspective: A dynamics-based classification of ventricular arrhythmias. Journal of Molecular and Cellular Cardiology, 2015, 82, 136-152.	1.9	66
18	Molecular Basis of Hypokalemia-Induced Ventricular Fibrillation. Circulation, 2015, 132, 1528-1537.	1.6	87

#	Article	IF	Citations
19	Cardiac fibrosis and arrhythmogenesis: The road to repair is paved with perils. Journal of Molecular and Cellular Cardiology, 2014, 70, 83-91.	1.9	247
20	Atrial and Ventricular Myocytes have Different Arrhythmogenic Profiles in Response to Oxidative Stress and Hypokalemia. Biophysical Journal, 2014, 106, 119a.	0.5	1
21	Repolarization Reserve Revisited: How the Transient Outward K Current can Promote Early after depolarizations (EADs). Biophysical Journal, 2013, 104, 208a.	0.5	0
22	Oxidative stress, fibrosis, and early afterdepolarization-mediated cardiac arrhythmias. Frontiers in Physiology, 2013, 4, 19.	2.8	24
23	Enhanced sensitivity of aged fibrotic hearts to angiotensin II- and hypokalemia-induced early afterdepolarization-mediated ventricular arrhythmias. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 302, H2331-H2340.	3.2	27
24	Arrhythmogenic consequences of myofibroblastâ€“myocyte coupling. Cardiovascular Research, 2012, 93, 242-251.	3.8	92
25	Mechanisms for Increased Arrhythmia Risk in Aged Hearts. Biophysical Journal, 2012, 102, 541a.	0.5	0
26	Cardiac Myofibroblast-Myocyte Gap Junction Coupling Promotes After Depolarizations. Biophysical Journal, 2011, 100, 564a.	0.5	1
27	Idiopathic massive myocardial calcification: a case report and review of the literature. Cardiovascular Pathology, 2011, 20, e79-e83.	1.6	32
28	Fibrosis and Stress: A Double-Hit Prerequisite for a Perfect Storm of Ventricular Arrhythmias. Heart Rhythm, 2010, 7, 1716.	0.7	0
29	Irregularly Appearing Early Afterdepolarizations in Cardiac Myocytes: Random Fluctuations or Dynamical Chaos?. Biophysical Journal, 2010, 99, 765-773.	0.5	83
30	Coupling of Isolated Adult Rabbit Ventricular Myocytes to Fibroblasts Under Stress Induces Afterdepolarizations. Heart Rhythm, 2009, 6, 1693.	0.7	1
31	Divergent Biophysical Defects Caused by Mutant Sodium Channels in Dilated Cardiomyopathy With Arrhythmia. Circulation Research, 2008, 102, 364-371.	4.5	84
32	Molecular Participants in Voltage-Dependent Gating. , 2005, , 115-120.		0
33	Movement and Crevices Around a Sodium Channel S3 Segment. Journal of General Physiology, 2002, 120, 419-436.	1.9	34
34	Inactivation and Secondary Structure in the D4/S4-5 Region of the SkM1 Sodium Channel. Journal of General Physiology, 1998, 111, 703-715.	1.9	45
35	Retinal dopamine in the recovery from experimental myopia. Current Eye Research, 1997, 16, 152-157.	1.5	50