

Timothy P Fitzgibbons

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

2,262
citations

430874

18
h-index

243625

44
g-index

59
all docs

59
docs citations

59
times ranked

4182
citing authors

#	ARTICLE	IF	CITATIONS
1	A Real-Time PPG Peak Detection Method for Accurate Determination of Heart Rate during Sinus Rhythm and Cardiac Arrhythmia. <i>Biosensors</i> , 2022, 12, 82.	4.7	21
2	Novel Density Poincaré Plot Based Machine Learning Method to Detect Atrial Fibrillation From Premature Atrial/Ventricular Contractions. <i>IEEE Transactions on Biomedical Engineering</i> , 2021, 68, 448-460.	4.2	39
3	Differentiating Pseudo Versus True Aortic Stenosis in Patients Without Contractile Reserve: A Diagnostic Dilemma. <i>Cureus</i> , 2021, 13, e14086.	0.5	2
4	Left Ventricular Noncompaction Cardiomyopathy as a Potential Cause of Bilateral Posterior Cerebral Artery Stroke – a Rare and Unique Clinical Occurrence. <i>American Journal of Case Reports</i> , 2021, 22, e931103.	0.8	3
5	Feasibility of atrial fibrillation detection from a novel wearable armband device. <i>Cardiovascular Digital Health Journal</i> , 2021, 2, 179-191.	1.3	12
6	Smartwatch monitoring for atrial fibrillation after stroke – The Pulsewatch Study: Protocol for a multiphase randomized controlled trial. <i>Cardiovascular Digital Health Journal</i> , 2021, 2, 231-241.	1.3	14
7	Survey of current perspectives on consumer-available digital health devices for detecting atrial fibrillation. <i>Cardiovascular Digital Health Journal</i> , 2020, 1, 21-29.	1.3	28
8	Human thermogenic adipocyte regulation by the long noncoding RNA LINC00473. <i>Nature Metabolism</i> , 2020, 2, 397-412.	11.9	65
9	Comparative left ventricular mechanical deformation in acute apical variant stress cardiomyopathy and acute anterior myocardial infarction utilizing 2-dimensional longitudinal strain imaging. <i>Echocardiography</i> , 2020, 37, 832-840.	0.9	5
10	Effect of Weight Gain on Skeletal Muscle and Adipose Tissue Perfusion. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 1617-1619.	2.4	1
11	Immunotherapy for Infarcts: In Vivo Postinfarction Macrophage Modulation Using Intramyocardial Microparticle Delivery of Map4k4 Small Interfering RNA. <i>BioResearch Open Access</i> , 2020, 9, 258-268.	2.6	2
12	How Do Adrenergic Tumors Affect Left Ventricular Remodeling and Function?. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 2510-2512.	5.3	2
13	Micro-RNAs Are Related to Epicardial Adipose Tissue in Participants With Atrial Fibrillation: Data From the MiRhythm Study. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 115.	2.4	17
14	Point-of-care technologies in heart, lung, blood and sleep disorders from the Center for Advancing Point-of-Care Technologies. <i>Current Opinion in Biomedical Engineering</i> , 2019, 11, 58-67.	3.4	9
15	Left Ventricular Ejection Fraction and Clinically Defined Heart Failure to Predict 90-Day Functional Outcome After Ischemic Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 371-380.	1.6	15
16	Coronary disease is not associated with robust alterations in inflammatory gene expression in human epicardial fat. <i>JCI Insight</i> , 2019, 4, .	5.0	11
17	Accuracy and Usability of a Novel Algorithm for Detection of Irregular Pulse Using a Smartwatch Among Older Adults: Observational Study. <i>JMIR Cardio</i> , 2019, 3, e13850.	1.7	32
18	Distinct adipocyte progenitor cells are associated with regional phenotypes of perivascular aortic fat in mice. <i>Molecular Metabolism</i> , 2018, 9, 199-206.	6.5	29

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19	The presbycardia phenotype: Cardiac remodeling and valvular degeneration in nonagenarians. <i>Echocardiography</i> , 2018, 35, 1974-1981.	0.9	4
20	Indexed Left Atrial Adipose Tissue Area Is Associated With Severity of Atrial Fibrillation and Atrial Fibrillation Recurrence Among Patients Undergoing Catheter Ablation. <i>Frontiers in Cardiovascular Medicine</i> , 2018, 5, 76.	2.4	20
21	IRF3 and type I interferons fuel a fatal response to myocardial infarction. <i>Nature Medicine</i> , 2017, 23, 1481-1487.	30.7	358
22	Activation of Inflammatory and Pro-Thrombotic Pathways in Acute Stress Cardiomyopathy. <i>Frontiers in Cardiovascular Medicine</i> , 2017, 4, 49.	2.4	18
23	Joint analysis of left ventricular expression and circulating plasma levels of Omentin after myocardial ischemia. <i>Cardiovascular Diabetology</i> , 2017, 16, 87.	6.8	15
24	Spontaneous coronary artery dissection in a patient with autosomal dominant polycystic kidney disease: a case report. <i>Journal of Medical Case Reports</i> , 2016, 10, 62.	0.8	16
25	Human 'brite/beige' adipocytes develop from capillary networks, and their implantation improves metabolic homeostasis in mice. <i>Nature Medicine</i> , 2016, 22, 312-318.	30.7	267
26	Emerging evidence for beneficial macrophage functions in atherosclerosis and obesity-induced insulin resistance. <i>Journal of Molecular Medicine</i> , 2016, 94, 267-275.	3.9	35
27	Acute symptomatic sinus bradycardia in a woman treated with pulse dose steroids for multiple sclerosis: a case report. <i>Journal of Medical Case Reports</i> , 2015, 9, 216.	0.8	14
28	Making "Waves" With a Murine Model of Aortic Insufficiency. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 1554-1556.	2.4	0
29	Endothelial protein kinase MAP4K4 promotes vascular inflammation and atherosclerosis. <i>Nature Communications</i> , 2015, 6, 8995.	12.8	81
30	Response to Letters Regarding Article, "Systolic and Diastolic Mechanics in Stress Cardiomyopathy". <i>Circulation</i> , 2015, 131, e372.	1.6	1
31	Endothelial NADPH oxidase 4 protects ApoE ^{-/-} mice from atherosclerotic lesions. <i>Free Radical Biology and Medicine</i> , 2015, 89, 1-7.	2.9	64
32	Stress cardiomyopathy: Thinking outside the octopus pot. <i>Trends in Cardiovascular Medicine</i> , 2015, 25, 358-359.	4.9	0
33	Serial Changes in Diastolic Function. <i>Circulation: Cardiovascular Imaging</i> , 2015, 8, .	2.6	0
34	Epicardial and Perivascular Adipose Tissues and Their Influence on Cardiovascular Disease: Basic Mechanisms and Clinical Associations. <i>Journal of the American Heart Association</i> , 2014, 3, e000582.	3.7	243
35	Usefulness of Pancreatitis-Associated Protein, a Novel Biomarker, to Predict Severity of Disease in Ambulatory Patients With Heart Failure. <i>American Journal of Cardiology</i> , 2014, 113, 123-126.	1.6	6
36	Systolic and Diastolic Mechanics in Stress Cardiomyopathy. <i>Circulation</i> , 2014, 129, 1659-1667.	1.6	93

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37	Response to Letter Regarding Article, "Cardiac Remodeling in Obesity." <i>Circulation: Cardiovascular Imaging</i> , 2013, 6, e18.	2.6	1
38	Cardiac Remodeling in Obesity. <i>Circulation: Cardiovascular Imaging</i> , 2013, 6, 142-152.	2.6	163
39	Acquired long QT syndrome from stress cardiomyopathy is associated with ventricular arrhythmias and torsades de pointes. <i>Heart Rhythm</i> , 2011, 8, 555-561.	0.7	174
40	Reply to the Editor "Stress Cardiomyopathy and the Acquired Long QT Syndrome. <i>Heart Rhythm</i> , 2011, 8, e1-e2.	0.7	0
41	Similarity of mouse perivascular and brown adipose tissues and their resistance to diet-induced inflammation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 301, H1425-H1437.	3.2	248
42	Pancreatitis-Associated Protein Levels Predict Severity of Disease In Ambulatory Heart Failure Patients. <i>Journal of Cardiac Failure</i> , 2010, 16, S101.	1.7	0
43	Prevalence and Clinical Characteristics of Right Ventricular Dysfunction in Transient Stress Cardiomyopathy. <i>American Journal of Cardiology</i> , 2009, 104, 133-136.	1.6	25
44	Mortality in Diastolic Heart Failure. <i>Cardiology in Review</i> , 2009, 17, 51-55.	1.4	15
45	Body mass index, treatment practices, and mortality in patients with acute heart failure. <i>Coronary Artery Disease</i> , 2009, 20, 536-543.	0.7	12
46	Clinical Characteristics of Stress Cardiomyopathy ("Takotsubo Syndrome") vs. Acute Anterior Myocardial Infarction: A Case Control Study in Women. <i>Journal of Cardiac Failure</i> , 2008, 14, S117-S118.	1.7	0
47	Prevalence of Pulmonary Hypertension in Elderly Patients with Diastolic Heart Failure. <i>Journal of Cardiac Failure</i> , 2007, 13, S93.	1.7	0
48	Effective Treatment Reduces Arterial Stiffness and Load in Decompensated Heart Failure. <i>Journal of Cardiac Failure</i> , 2006, 12, S17.	1.7	1
49	B-Type Natriuretic Peptide Levels Measured 12 Hours after Cardiac Surgery Correlate Best with Mortality. <i>Journal of Cardiac Failure</i> , 2006, 12, S94.	1.7	0
50	Noninvasive Measurement of Left Ventricular End-Diastolic Pressures Reveals Management of Heart Failure by Clinical Assessment Is Sub-Optimal in Ambulatory Patients. <i>Journal of Cardiac Failure</i> , 2006, 12, S123.	1.7	0
51	Endotoxin-Induced Inhibition of Growth Hormone Receptor Signaling in Rat Liver in Vivo. <i>Endocrinology</i> , 1999, 140, 5505-5515.	2.8	76