

Justin A Mariani

List of Publications by Year in descending order

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90
papers

2,961
citations

218677

26
h-index

168389

53
g-index

93
all docs

93
docs citations

93
times ranked

4812
citing authors

#	ARTICLE	IF	CITATIONS
1	Catheter Ablation Versus Medical Rate Control in Atrial Fibrillation and Systolic Dysfunction. <i>Journal of the American College of Cardiology</i> , 2017, 70, 1949-1961.	2.8	428
2	Cardiac Complications of Thoracic Irradiation. <i>Journal of the American College of Cardiology</i> , 2013, 61, 2319-2328.	2.8	310
3	Recirculating cardiac delivery of AAV2/1SERCA2a improves myocardial function in an experimental model of heart failure in large animals. <i>Gene Therapy</i> , 2008, 15, 1550-1557.	4.5	157
4	The transcardiac gradient of cardio-microRNAs in the failing heart. <i>European Journal of Heart Failure</i> , 2016, 18, 1000-1008.	7.1	151
5	Percutaneous Cardiac Recirculation-Mediated Gene Transfer of an Inhibitory Phospholamban Peptide Reverses Advanced Heart Failure in Large Animals. <i>Journal of the American College of Cardiology</i> , 2007, 50, 253-260.	2.8	136
6	Impaired left atrial strain predicts abnormal exercise haemodynamics in heart failure with preserved ejection fraction. <i>European Journal of Heart Failure</i> , 2019, 21, 495-505.	7.1	108
7	Sympathetic Neural Adaptation to Hypocaloric Diet With or Without Exercise Training in Obese Metabolic Syndrome Subjects. <i>Diabetes</i> , 2010, 59, 71-79.	0.6	104
8	Tolerance to ischemia and hypoxia is reduced in aged human myocardium. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2000, 120, 660-667.	0.8	103
9	Bone Marrow-Derived Cells Contribute to Fibrosis in the Chronically Failing Heart. <i>American Journal of Pathology</i> , 2010, 176, 1735-1742.	3.8	94
10	Exercise augments weight loss induced improvement in renal function in obese metabolic syndrome individuals. <i>Journal of Hypertension</i> , 2011, 29, 553-564.	0.5	93
11	Blunted sympathetic neural response to oral glucose in obese subjects with the insulin-resistant metabolic syndrome. <i>American Journal of Clinical Nutrition</i> , 2009, 89, 27-36.	4.7	90
12	Sex Differences in Heart Failure With Preserved Ejection Fraction Pathophysiology. <i>JACC: Heart Failure</i> , 2019, 7, 239-249.	4.1	82
13	Hemodynamic Determinants of Myocardial B-Type Natriuretic Peptide Release. <i>Hypertension</i> , 2010, 56, 682-689.	2.7	64
14	Diffuse Ventricular Fibrosis on Cardiac Magnetic Resonance Imaging Associates With Ventricular Tachycardia in Patients With Hypertrophic Cardiomyopathy. <i>Journal of Cardiovascular Electrophysiology</i> , 2016, 27, 571-580.	1.7	56
15	Augmentation of left ventricular mechanics by recirculation-mediated AAV2/1SERCA2a gene delivery in experimental heart failure. <i>European Journal of Heart Failure</i> , 2011, 13, 247-253.	7.1	51
16	Coenzyme Q ₁₀ improves the tolerance of the senescent myocardium to aerobic and ischemic stress: Studies in rats and in human atrial tissue. <i>BioFactors</i> , 1999, 9, 291-299.	5.4	50
17	Impaired Myocardial Oxygen Availability Contributes to Abnormal Exercise Hemodynamics in Heart Failure With Preserved Ejection Fraction. <i>Journal of the American Heart Association</i> , 2014, 3, e001293.	3.7	47
18	A prospective Study using invasive haemodynamic measurements following catheter ablation for AF and early HFpEF: STALL AF-HFpEF. <i>European Journal of Heart Failure</i> , 2021, 23, 785-796.	7.1	43

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19	Evaluating the Utility of Circulating Biomarkers of Collagen Synthesis in Hypertrophic Cardiomyopathy. <i>Circulation: Heart Failure</i> , 2014, 7, 271-278.	3.9	42
20	Regression of Diffuse Ventricular Fibrosis Following Restoration of Sinus Rhythm With Catheter Ablation in Patients With Atrial Fibrillation and Systolic Dysfunction. <i>JACC: Clinical Electrophysiology</i> , 2018, 4, 999-1007.	3.2	39
21	Coadministration of Atorvastatin Prevents Nitroglycerin-Induced Endothelial Dysfunction and Nitrate Tolerance in Healthy Humans. <i>Journal of the American College of Cardiology</i> , 2011, 57, 93-98.	2.8	32
22	The successful treatment of primary cardiac lymphoma with a dose-dense schedule of rituximab plus CHOP. <i>Annals of Oncology</i> , 2006, 17, 176-177.	1.2	30
23	Utility of Myocardial Fibrosis and Fatty Infiltration Detected by Cardiac Magnetic Resonance Imaging in the Diagnosis of Arrhythmogenic Right Ventricular Dysplasia—A Single Centre Experience. <i>Heart Lung and Circulation</i> , 2008, 17, 478-483.	0.4	30
24	Clinical outcome of transcatheter treatment of heart failure with preserved or mildly reduced ejection fraction using a novel implant. <i>International Journal of Cardiology</i> , 2015, 187, 227-228.	1.7	30
25	Observations of time-based measures of flow-mediated dilation of forearm conduit arteries: implications for the accurate assessment of endothelial function. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010, 299, H939-H945.	3.2	29
26	Effects of Milrinone on Rest and Exercise Hemodynamics in Heart Failure With Preserved Ejection Fraction. <i>Journal of the American College of Cardiology</i> , 2016, 67, 2554-2556.	2.8	28
27	Relationship of circulating matrix biomarkers to myocardial matrix metabolism in advanced heart failure. <i>European Journal of Heart Failure</i> , 2013, 15, 292-298.	7.1	27
28	Prevalence of tricuspid regurgitation and pericardial effusions following pacemaker and defibrillator lead extraction. <i>International Journal of Cardiology</i> , 2010, 145, 593-594.	1.7	26
29	The Impact of Known Heart Disease on Long-Term Outcomes of Catheter Ablation in Patients with Atrial Fibrillation and Left Ventricular Systolic Dysfunction: A Multicenter International Study. <i>Journal of Cardiovascular Electrophysiology</i> , 2016, 27, 281-289.	1.7	25
30	Position Statement on the Management of Cardiac Electrophysiology and Cardiac Implantable Electronic Devices in Australia During the COVID-19 Pandemic: A Living Document. <i>Heart Lung and Circulation</i> , 2020, 29, e57-e68.	0.4	25
31	Rural and Remote Cardiology During the COVID-19 Pandemic: Cardiac Society of Australia and New Zealand (CSANZ) Consensus Statement. <i>Heart Lung and Circulation</i> , 2020, 29, e88-e93.	0.4	25
32	Miniaturized implantable cardiac monitor with a long sensing vector (BIOMONITOR III): Insertion procedure assessment, sensing performance, and home monitoring transmission success. <i>Journal of Electrocardiology</i> , 2020, 60, 118-125.	0.9	23
33	Exercise with a Twist: Left Ventricular Twist and Recoil in Healthy Young and Middle-Aged Men, and Middle-Aged Endurance-Trained Men. <i>Journal of the American Society of Echocardiography</i> , 2012, 25, 986-993.	2.8	22
34	A comparison of the electrophysiologic and electroanatomic characteristics between the right and left atrium in persistent atrial fibrillation: Is the right atrium a window into the left?. <i>Journal of Cardiovascular Electrophysiology</i> , 2017, 28, 1109-1116.	1.7	22
35	Intraoperative High-Density Global Mapping in Adult-Repaired Tetralogy of Fallot. <i>Journal of the American College of Cardiology</i> , 2010, 55, 2409-2411.	2.8	21
36	Comparable Attenuation of Sympathetic Nervous System Activity in Obese Subjects with Normal Glucose Tolerance, Impaired Glucose Tolerance, and Treatment Naïve Type 2 Diabetes following Equivalent Weight Loss. <i>Frontiers in Physiology</i> , 2016, 7, 516.	2.8	20

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37	Characterization of Cardiac Sympathetic Nervous System and Inflammatory Activation in HFpEF Patients. <i>JACC Basic To Translational Science</i> , 2022, 7, 116-127.	4.1	20
38	Batrial Electrical and Structural Atrial Changes in Heart Failure. <i>JACC: Clinical Electrophysiology</i> , 2018, 4, 87-96.	3.2	18
39	Aortic Valve Replacement for Aortic Stenosis During Orthotopic Cardiac Transplant. <i>Annals of Thoracic Surgery</i> , 2008, 86, 1979-1982.	1.3	16
40	Implantable cardioverter defibrillator knowledge and end-of-life device deactivation: A cross-sectional survey. <i>Palliative Medicine</i> , 2018, 32, 156-163.	3.1	14
41	Reduction in peripheral vascular resistance predicts improvement in insulin clearance following weight loss. <i>Cardiovascular Diabetology</i> , 2015, 14, 113.	6.8	13
42	Clinical utility of invasive exercise hemodynamic evaluation in LVAD patients. <i>Journal of Heart and Lung Transplantation</i> , 2015, 34, 1635-1637.	0.6	13
43	Hemodynamic Profile of Patients With Heart Failure and Preserved Ejection Fraction Vary by Age. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	13
44	Comprehensive Physiological Modeling Provides Novel Insights Into Heart Failure With Preserved Ejection Fraction Physiology. <i>Journal of the American Heart Association</i> , 2021, 10, e021584.	3.7	12
45	Delivery of Gene and Cellular Therapies for Heart Disease. <i>Journal of Cardiovascular Translational Research</i> , 2010, 3, 417-426.	2.4	11
46	A Retrospective Evaluation of Risk of Peripartum Cardiac Dysfunction in Survivors of Childhood, Adolescent and Young Adult Malignancies. <i>Cancers</i> , 2019, 11, 1046.	3.7	11
47	Left Ventricular Ejection Fraction and Absence of ACE Inhibitor/Angiotensin II Receptor Blocker Predicts Appropriate Defibrillator Therapy in the Primary Prevention Population. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2010, 33, 696-704.	1.2	10
48	Determinants and implications of elevated soluble ST2 levels in heart failure. <i>International Journal of Cardiology</i> , 2014, 176, 1242-1243.	1.7	9
49	Identification of physiologic treatment targets with favourable haemodynamic consequences in heart failure with preserved ejection fraction. <i>ESC Heart Failure</i> , 2020, 7, 3685-3693.	3.1	9
50	Early Implantation of Primary Prevention Implantable Cardioverter Defibrillators for Patients with Newly Diagnosed Severe Nonischemic Cardiomyopathy. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2016, 39, 992-998.	1.2	8
51	Outcomes of anemic patients presenting with acute coronary syndrome: An analysis of the Cooperative National Registry of Acute Coronary Care, Guideline Adherence and Clinical Events. <i>Clinical Cardiology</i> , 2019, 42, 791-796.	1.8	8
52	Severe left ventricular hypertrophy and marked cardiac fibrosis in Danon disease. <i>International Journal of Cardiology</i> , 2016, 221, 14-16.	1.7	7
53	Determining the Optimal Dose of Adenosine for Unmasking Dormant Pulmonary Vein Conduction Following Atrial Fibrillation Ablation: Electrophysiological and Hemodynamic Assessment. DORMANT Study. <i>Journal of Cardiovascular Electrophysiology</i> , 2017, 28, 13-22.	1.7	7
54	Impact of device length on electrogram sensing in miniaturized insertable cardiac monitors. <i>Journal of Electrocardiology</i> , 2022, 73, 42-48.	0.9	7

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55	Cardiac resynchronization therapy after atrioventricular node ablation for rapid atrial fibrillation in a heart transplant recipient with late allograft dysfunction. <i>Journal of Heart and Lung Transplantation</i> , 2010, 29, 704-706.	0.6	6
56	Trends in outpatient antiarrhythmic prescriptions for atrial fibrillation and left atrial ablation in Australia: 1997-2016. <i>Internal Medicine Journal</i> , 2018, 48, 427-432.	0.8	6
57	Absence of late gadolinium enhancement on cardiac magnetic resonance imaging in ventricular fibrillation and nonischemic cardiomyopathy. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2018, 41, 1109-1115.	1.2	6
58	Increased Incidence of Noise in the Tendril Pacemaker Lead Detected via Remote Monitoring. <i>Heart Lung and Circulation</i> , 2020, 29, 936-939.	0.4	6
59	Restoration of blood pressure control with pacemaker implantation in a patient with bradycardia and resistant hypertension: A case report. <i>International Journal of Cardiology</i> , 2013, 167, e38-e40.	1.7	5
60	Clinical benefits of a specialised clinic for hypertrophic cardiomyopathy. <i>Internal Medicine Journal</i> , 2015, 45, 255-260.	0.8	5
61	Retained defibrillator leads following orthotopic heart transplantation. <i>International Journal of Cardiology</i> , 2016, 215, 87-89.	1.7	5
62	Caudal fluoroscopy to guide venous access for pacemaker device implantation: should this now be standard practice?. <i>Heart Asia</i> , 2017, 9, 68-69.	1.1	5
63	Prescription trends and costs of diabetes medications in Australia between 2003 and 2019: an analysis and review of the literature. <i>Internal Medicine Journal</i> , 2022, 52, 841-847.	0.8	5
64	Cardiac resynchronisation therapy for heart failure. <i>Internal Medicine Journal</i> , 2006, 36, 114-123.	0.8	4
65	Primary Cardiac Lymphoma. <i>Journal of the American College of Cardiology</i> , 2010, 55, e23.	2.8	4
66	Cardiac implantable electronic device hematomas: Risk factors and effect of prophylactic pressure bandaging. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2017, 40, 857-867.	1.2	4
67	Mind the Gap: Mismatches Between Clinicians and Patients in Heart Failure Medication Management. <i>Cardiovascular Drugs and Therapy</i> , 2018, 32, 37-46.	2.6	4
68	Impact of Individual Patient Profiles on Adherence to Guideline Directed Medical Therapy in Heart Failure With Reduced Ejection Fraction: VCOR-HF Study. <i>Heart Lung and Circulation</i> , 2020, 29, 1782-1789.	0.4	4
69	Norepinephrine transporter expression is inversely associated with glycaemic indices: a pilot study in metabolically diverse persons with overweight and obesity. <i>Obesity Science and Practice</i> , 2016, 2, 13-23.	1.9	3
70	Cardiac Implantable Electronic Devices and End-of-Life Care: An Australian Perspective. <i>Heart Lung and Circulation</i> , 2016, 25, 814-819.	0.4	3
71	The effect of parity on exercise physiology in women with heart failure with preserved ejection fraction. <i>ESC Heart Failure</i> , 2020, 7, 214-223.	3.1	3
72	Prediction of Pacemaker Requirement in Patients With Unexplained Syncope: The DROP Score. <i>Heart Lung and Circulation</i> , 2022, 31, 999-1005.	0.4	3

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73	Biventricular pacing in heart failure: a review. <i>Expert Review of Cardiovascular Therapy</i> , 2006, 4, 97-109.	1.5	2
74	Asystole Following Complex Partial Seizures. <i>Heart Lung and Circulation</i> , 2013, 22, 146-148.	0.4	2
75	An overlooked case of pacemaker-related heart failure. <i>Journal of Animal Science and Technology</i> , 2017, 4, K57-K60.	2.5	2
76	Age-related decline in stress responses of human myocardium may not be explained by changes in mtDNA. <i>Mechanisms of Ageing and Development</i> , 2009, 130, 742-747.	4.6	1
77	Cardiac resynchronisation therapy in 2015: keeping up with the pace. <i>Internal Medicine Journal</i> , 2016, 46, 255-265.	0.8	1
78	SEX DIFFERENCES IN HEART FAILURE WITH PRESERVED EJECTION FRACTION: AN INVASIVE HEMODYNAMIC ANALYSIS. <i>Journal of the American College of Cardiology</i> , 2019, 73, 921.	2.8	1
79	The prognostic significance of chronotropic incompetence in patients with severe left ventricular systolic function referred for cardiac transplant assessment. <i>European Journal of Preventive Cardiology</i> , 2020, 27, 328-330.	1.8	1
80	Non-invasive blood pressure monitoring underestimates hypertensive response to exercise in suspected heart failure with preserved ejection fraction. <i>European Journal of Preventive Cardiology</i> , 2020, 27, 2180-2182.	1.8	1
81	Response of the Human Myocardium to Hypoxia and Ischemia Declines with Age: Correlation with Increased Mitochondrial DNA Deletions. <i>Annals of the New York Academy of Sciences</i> , 1998, 854, 489-490.	3.8	0
82	Repair Of postmyocardial infarct ventricular free wall rupture using an onlay pericardial patch. <i>Heart, Lung and Circulation</i> , 1999, 8, 110-114.	0.1	0
83	Progression of Functional Mitral Regurgitation in Heart Failure Is Associated with Structural Remodeling and Worsened Outcomes. <i>Journal of Cardiac Failure</i> , 2008, 14, S32.	1.7	0
84	Myocardial Release of Stromal Derived Factor-1 and Stem Cell Factor and Cardiac Uptake of Progenitor Cells. <i>Journal of Cardiac Failure</i> , 2008, 14, S33.	1.7	0
85	Cardiac-Resynchronization Therapy. <i>New England Journal of Medicine</i> , 2010, 362, 177-179.	27.0	0
86	Successful application of a PressureWire retrogradely across an ATS prosthetic aortic valve to diagnose constrictive pericarditis. <i>Cardiovascular Revascularization Medicine</i> , 2012, 13, 289-291.	0.8	0
87	Left Ventricular Assist Device (LVAD) as a Bridge to Recovery for Tachycardia-Mediated Cardiomyopathy. <i>Journal of Cardiac Surgery</i> , 2015, 30, 871-873.	0.7	0
88	Driving with cardiac devices in Australia. Does a review of recent evidence prompt a change in guidelines?. <i>Internal Medicine Journal</i> , 2020, 50, 271-277.	0.8	0
89	Contemporary trends in antiplatelet prescription in Australia. <i>Journal of Pharmacy Practice and Research</i> , 2020, 50, 366-368.	0.8	0
90	Physiologic Insights Into Long COVID Breathlessness. <i>Circulation: Heart Failure</i> , 2022, 15, 101161CIRCHEARTFAILURE121009346.	3.9	0