

# Francois Haddad

## List of Publications by Citations

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179  
papers

6,665  
citations

36  
h-index

78  
g-index

198  
ext. papers

8,482  
ext. citations

5.3  
avg. IF

5.73  
L-index

#	Paper	IF	Citations
179	Right ventricular function in cardiovascular disease, part I: Anatomy, physiology, aging, and functional assessment of the right ventricle. <i>Circulation</i> , <b>2008</b> , 117, 1436-48	16.7	1008
178	Right ventricular function in cardiovascular disease, part II: pathophysiology, clinical importance, and management of right ventricular failure. <i>Circulation</i> , <b>2008</b> , 117, 1717-31	16.7	883
177	Right heart adaptation to pulmonary arterial hypertension: physiology and pathobiology. <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 62, D22-33	15.1	584
176	Risk factors predictive of right ventricular failure after left ventricular assist device implantation. <i>American Journal of Cardiology</i> , <b>2010</b> , 105, 1030-5	3	315
175	Expression of specific inflammasome gene modules stratifies older individuals into two extreme clinical and immunological states. <i>Nature Medicine</i> , <b>2017</b> , 23, 174-184	50.5	204
174	A longitudinal big data approach for precision health. <i>Nature Medicine</i> , <b>2019</b> , 25, 792-804	50.5	183
173	The right ventricle in cardiac surgery, a perioperative perspective: II. Pathophysiology, clinical importance, and management. <i>Anesthesia and Analgesia</i> , <b>2009</b> , 108, 422-33	3.9	165
172	Pathophysiology of the right ventricle and of the pulmonary circulation in pulmonary hypertension: an update. <i>European Respiratory Journal</i> , <b>2019</b> , 53,	13.6	148
171	The right ventricle in cardiac surgery, a perioperative perspective: I. Anatomy, physiology, and assessment. <i>Anesthesia and Analgesia</i> , <b>2009</b> , 108, 407-21	3.9	133
170	Assessment of Right Ventricular Function in the Research Setting: Knowledge Gaps and Pathways Forward. An Official American Thoracic Society Research Statement. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 198, e15-e43	10.2	105
169	Right ventricular myocardial performance index predicts perioperative mortality or circulatory failure in high-risk valvular surgery. <i>Journal of the American Society of Echocardiography</i> , <b>2007</b> , 20, 1065-72	5.8	105
168	Molecular Choreography of Acute Exercise. <i>Cell</i> , <b>2020</b> , 181, 1112-1130.e16	56.2	96
167	Randomised placebo-controlled safety and tolerability trial of FK506 (tacrolimus) for pulmonary arterial hypertension. <i>European Respiratory Journal</i> , <b>2017</b> , 50,	13.6	86
166	Characteristics and outcome after hospitalization for acute right heart failure in patients with pulmonary arterial hypertension. <i>Circulation: Heart Failure</i> , <b>2011</b> , 4, 692-9	7.6	86
165	Discovery of Distinct Immune Phenotypes Using Machine Learning in Pulmonary Arterial Hypertension. <i>Circulation Research</i> , <b>2019</b> , 124, 904-919	15.7	81
164	Addressing the Controversy of Estimating Pulmonary Arterial Pressure by Echocardiography. <i>Journal of the American Society of Echocardiography</i> , <b>2016</b> , 29, 93-102	5.8	81
163	De Novo and Rare Variants at Multiple Loci Support the Oligogenic Origins of Atrioventricular Septal Heart Defects. <i>PLoS Genetics</i> , <b>2016</b> , 12, e1005963	6	67

162	Dichloroacetate prevents restenosis in preclinical animal models of vessel injury. <i>Nature</i> , <b>2014</b> , 509, 641-4	4.4	64
161	Non-invasive indices of right ventricular function are markers of ventricular-arterial coupling rather than ventricular contractility: insights from a porcine model of chronic pressure overload. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2013</b> , 14, 1140-9	4.1	60
160	Pulmonary hypertension associated with left heart disease: characteristics, emerging concepts, and treatment strategies. <i>Progress in Cardiovascular Diseases</i> , <b>2011</b> , 54, 154-67	8.5	59
159	A novel non-invasive method of estimating pulmonary vascular resistance in patients with pulmonary arterial hypertension. <i>Journal of the American Society of Echocardiography</i> , <b>2009</b> , 22, 523-9	5.8	57
158	A multicentre randomized-controlled trial of inhaled milrinone in high-risk cardiac surgical patients. <i>Canadian Journal of Anaesthesia</i> , <b>2016</b> , 63, 1140-53	3	52
157	Pilot studies demonstrate the potential benefits of antiinflammatory therapy in human lymphedema. <i>JCI Insight</i> , <b>2018</b> , 3,	9.9	52
156	Cardiopulmonary responses and prognosis in hypertrophic cardiomyopathy: a potential role for comprehensive noninvasive hemodynamic assessment. <i>JACC: Heart Failure</i> , <b>2015</b> , 3, 408-418	7.9	51
155	Forgotten No More: A Focused Update on the Right Ventricle in Cardiovascular Disease. <i>JACC: Heart Failure</i> , <b>2018</b> , 6, 891-903	7.9	51
154	Septal curvature is marker of hemodynamic, anatomical, and electromechanical ventricular interdependence in patients with pulmonary arterial hypertension. <i>Echocardiography</i> , <b>2014</b> , 31, 699-707	1.5	49
153	Additive Prognostic Value of Left Ventricular Systolic Dysfunction in a Population-Based Cohort. <i>Circulation: Cardiovascular Imaging</i> , <b>2016</b> , 9,	3.9	47
152	Noninvasive imaging in the assessment of the cardiopulmonary vascular unit. <i>Circulation</i> , <b>2015</b> , 131, 899-913	4.3	46
151	Right Heart End-Systolic Remodeling Index Strongly Predicts Outcomes in Pulmonary Arterial Hypertension: Comparison With Validated Models. <i>Circulation: Cardiovascular Imaging</i> , <b>2017</b> , 10,	3.9	44
150	Clinical and functional correlates of early microvascular dysfunction after heart transplantation. <i>Circulation: Heart Failure</i> , <b>2012</b> , 5, 759-68	7.6	44
149	Effects of transendocardial CD34+ cell transplantation in patients with ischemic cardiomyopathy. <i>Circulation: Cardiovascular Interventions</i> , <b>2014</b> , 7, 552-9	6	43
148	Changing trends in infectious disease in heart transplantation. <i>Journal of Heart and Lung Transplantation</i> , <b>2010</b> , 29, 306-15	5.8	42
147	Prevalence and clinical correlates of right ventricular dysfunction in patients with hypertrophic cardiomyopathy. <i>American Journal of Cardiology</i> , <b>2014</b> , 113, 361-7	3	41
146	Intracoronary transplantation of CD34(+) cells is associated with improved myocardial perfusion in patients with nonischemic dilated cardiomyopathy. <i>Journal of Cardiac Failure</i> , <b>2015</b> , 21, 145-52	3.3	38
145	Incidence, correlates, and consequences of acute kidney injury in patients with pulmonary arterial hypertension hospitalized with acute right-side heart failure. <i>Journal of Cardiac Failure</i> , <b>2011</b> , 17, 533-9	3.3	36

144	An inflammatory aging clock (iAge) based on deep learning tracks multimorbidity, immunosenescence, frailty and cardiovascular aging. <i>Nature Aging</i> , <b>2021</b> , 1, 598-615		36
143	Relationship between echocardiographic and magnetic resonance derived measures of right ventricular size and function in patients with pulmonary hypertension. <i>Journal of the American Society of Echocardiography</i> , <b>2014</b> , 27, 405-12	5.8	35
142	Right heart imaging in patients with heart failure: a tale of two ventricles. <i>Current Opinion in Cardiology</i> , <b>2016</b> , 31, 469-82	2.1	34
141	Experimental models of right heart failure: a window for translational research in pulmonary hypertension. <i>Seminars in Respiratory and Critical Care Medicine</i> , <b>2013</b> , 34, 689-99	3.9	32
140	New insights for the diagnosis and management of right ventricular failure, from molecular imaging to targeted right ventricular therapy. <i>Current Opinion in Cardiology</i> , <b>2010</b> , 25, 131-40	2.1	30
139	Right ventricular reserve in a piglet model of chronic pulmonary hypertension. <i>European Respiratory Journal</i> , <b>2015</b> , 45, 709-17	13.6	29
138	The concept of ventricular reserve in heart failure and pulmonary hypertension: an old metric that brings us one step closer in our quest for prediction. <i>Current Opinion in Cardiology</i> , <b>2011</b> , 26, 123-31	2.1	28
137	Inhaled milrinone: a new alternative in cardiac surgery?. <i>Seminars in Cardiothoracic and Vascular Anesthesia</i> , <b>2006</b> , 10, 346-60	1.4	28
136	Angina associated with left main coronary artery compression in pulmonary hypertension. <i>Journal of Heart and Lung Transplantation</i> , <b>2009</b> , 28, 527-30	5.8	27
135	Heart-lung vs. double-lung transplantation for idiopathic pulmonary arterial hypertension. <i>Clinical Transplantation</i> , <b>2015</b> , 29, 1067-75	3.8	26
134	Right Heart Score for Predicting Outcome in Idiopathic, Familial, or Drug- and Toxin-Associated Pulmonary Arterial Hypertension. <i>JACC: Cardiovascular Imaging</i> , <b>2015</b> , 8, 627-38	8.4	26
133	Active bacterial myocarditis: a case report and review of the literature. <i>Journal of Heart and Lung Transplantation</i> , <b>2007</b> , 26, 745-9	5.8	26
132	Tratamiento basado en la evidencia de la insuficiencia cardiaca derecha: una revisi3n sistem3tica de un campo emp3rico. <i>Revista Espanola De Cardiologia</i> , <b>2010</b> , 63, 451-471	1.5	25
131	Outcomes in Patients With Cardiac Amyloidosis Undergoing Heart Transplantation. <i>JACC: Heart Failure</i> , <b>2020</b> , 8, 461-468	7.9	25
130	Upregulation of Human Endogenous Retrovirus-K Is Linked to Immunity and Inflammation in Pulmonary Arterial Hypertension. <i>Circulation</i> , <b>2017</b> , 136, 1920-1935	16.7	24
129	Right Ventricular Depression After Cardiopulmonary Bypass for Valvular Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>2015</b> , 29, 836-44	2.1	24
128	Right ventricular dysfunction predicts poor outcome following hemodynamically compromising rejection. <i>Journal of Heart and Lung Transplantation</i> , <b>2009</b> , 28, 312-9	5.8	24
127	Efficacy of CD34+ Stem Cell Therapy in Nonischemic Dilated Cardiomyopathy Is Absent in Patients With Diabetes but Preserved in Patients With Insulin Resistance. <i>Stem Cells Translational Medicine</i> , <b>2016</b> , 5, 632-8	6.9	23

126	Autoantibody profiling on a plasmonic nano-gold chip for the early detection of hypertensive heart disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 7089-7094	11.5	22
125	Prevalence and prognostic role of right ventricular involvement in stress-induced cardiomyopathy. <i>Journal of Cardiac Failure</i> , <b>2015</b> , 21, 419-425	3.3	22
124	Comparison of left ventricular manual versus automated derived longitudinal strain: implications for clinical practice and research. <i>International Journal of Cardiovascular Imaging</i> , <b>2016</b> , 32, 429-37	2.5	22
123	Relation of Insulin Resistance to Longitudinal Changes in Left Ventricular Structure and Function in a General Population. <i>Journal of the American Heart Association</i> , <b>2018</b> , 7,	6	21
122	Pearls and pitfalls in managing right heart failure in cardiac surgery. <i>Current Opinion in Anaesthesiology</i> , <b>2016</b> , 29, 68-79	2.9	21
121	Gender differences in ventricular remodeling and function in college athletes, insights from lean body mass scaling and deformation imaging. <i>American Journal of Cardiology</i> , <b>2015</b> , 116, 1610-6	3	19
120	Perioperative pharmacological management of pulmonary hypertensive crisis during congenital heart surgery. <i>Pulmonary Circulation</i> , <b>2014</b> , 4, 10-24	2.7	19
119	Alterations in Cardiac Mechanics Following Ultra-Endurance Exercise: Insights from Left and Right Ventricular Area-Deformation Loops. <i>Journal of the American Society of Echocardiography</i> , <b>2016</b> , 29, 879-887.e1	5.8	19
118	Extracorporeal Life Support After Pulmonary Endarterectomy as a Bridge to Recovery or Transplantation: Lessons From 31 Consecutive Patients. <i>Annals of Thoracic Surgery</i> , <b>2016</b> , 102, 260-8	2.7	19
117	Non-invasive right ventricular load adaptability indices in patients with scleroderma-associated pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , <b>2018</b> , 8, 2045894018788268	2.7	18
116	Impact of Septal Reduction on Left Atrial Size and Diastole in Hypertrophic Cardiomyopathy. <i>Echocardiography</i> , <b>2016</b> , 33, 686-94	1.5	17
115	Impact of insulin resistance on ventricular function in pulmonary arterial hypertension. <i>Journal of Heart and Lung Transplantation</i> , <b>2014</b> , 33, 721-6	5.8	16
114	Effects of Transendocardial CD34 Cell Transplantation on Diastolic Parameters in Patients with Nonischemic Dilated Cardiomyopathy. <i>Stem Cells Translational Medicine</i> , <b>2017</b> , 6, 1515-1521	6.9	15
113	Impact of the initiation of balloon pulmonary angioplasty program on referral of patients with chronic thromboembolic pulmonary hypertension to surgery. <i>Journal of Heart and Lung Transplantation</i> , <b>2018</b> , 37, 1102-1110	5.8	15
112	Effects of Repetitive Transendocardial CD34 Cell Transplantation in Patients With Nonischemic Dilated Cardiomyopathy. <i>Circulation Research</i> , <b>2018</b> , 123, 389-396	15.7	15
111	Right ventricular plasticity in a porcine model of chronic pressure overload. <i>Journal of Heart and Lung Transplantation</i> , <b>2014</b> , 33, 194-202	5.8	15
110	Mechanics of right ventricular dysfunction in pulmonary arterial hypertension and heart failure with preserved ejection fraction. <i>Cardiovascular Diagnosis and Therapy</i> , <b>2020</b> , 10, 1580-1603	2.6	15
109	Circulating Biomarkers to Identify Responders in Cardiac Cell therapy. <i>Scientific Reports</i> , <b>2017</b> , 7, 4419	4.9	14

108	Workload-indexed blood pressure response is superior to peak systolic blood pressure in predicting all-cause mortality. <i>European Journal of Preventive Cardiology</i> , <b>2020</b> , 27, 978-987	3.9	14
107	The Incremental Value of Right Ventricular Size and Strain in the Risk Assessment of Right Heart Failure Post - Left Ventricular Assist Device Implantation. <i>Journal of Cardiac Failure</i> , <b>2018</b> , 24, 823-832	3.3	14
106	Stem cell therapy targeting the right ventricle in pulmonary arterial hypertension: is it a potential avenue of therapy?. <i>Pulmonary Circulation</i> , <b>2018</b> , 8, 2045893218755979	2.7	13
105	A Changing Landscape of Mortality for Systemic Light Chain Amyloidosis. <i>JACC: Heart Failure</i> , <b>2019</b> , 7, 958-966	7.9	13
104	Challenging the complementarity of different metrics of left atrial function: insight from a cardiomyopathy-based study. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2017</b> , 18, 1153-1162	4.1	13
103	Value of Neutrophil to Lymphocyte Ratio and Its Trajectory in Patients Hospitalized With Acute Heart Failure and Preserved Ejection Fraction. <i>American Journal of Cardiology</i> , <b>2020</b> , 125, 229-235	3	13
102	Athletic Remodeling in Female College Athletes: The "Morganroth Hypothesis" Revisited. <i>Clinical Journal of Sport Medicine</i> , <b>2019</b> , 29, 224-231	3.2	13
101	Investigating the value of right heart echocardiographic metrics for detection of pulmonary hypertension in patients with advanced lung disease. <i>International Journal of Cardiovascular Imaging</i> , <b>2017</b> , 33, 825-835	2.5	12
100	Load Adaptability in Patients With Pulmonary Arterial Hypertension. <i>American Journal of Cardiology</i> , <b>2017</b> , 120, 874-882	3	12
99	Outcomes in patients undergoing cardiac retransplantation: A propensity matched cohort analysis of the UNOS Registry. <i>Journal of Heart and Lung Transplantation</i> , <b>2019</b> , 38, 1067-1074	5.8	12
98	Early Development of Right Ventricular Ischemic Lesions in a Novel Large Animal Model of Acute Right Heart Failure in Chronic Thromboembolic Pulmonary Hypertension. <i>Journal of Cardiac Failure</i> , <b>2017</b> , 23, 876-886	3.3	12
97	GDF-15 (Growth Differentiation Factor 15) Is Associated With Lack of Ventricular Recovery and Mortality After Transcatheter Aortic Valve Replacement. <i>Circulation: Cardiovascular Interventions</i> , <b>2017</b> , 10,	6	12
96	The intersection of genes and environment: development of pulmonary arterial hypertension in a patient with hereditary hemorrhagic telangiectasia and stimulant exposure. <i>Chest</i> , <b>2012</b> , 141, 1598-1600 <sup>5.3</sup>		12
95	The importance of capillary density-stroke work mismatch for right ventricular adaptation to chronic pressure overload. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2017</b> , 154, 2070-2079	1.5	11
94	Cytokines profile in hypertensive patients with left ventricular remodeling and dysfunction. <i>Journal of the American Society of Hypertension</i> , <b>2015</b> , 9, 975-84.e3		11
93	Exercise Strain Echocardiography in Patients With a Hemodynamically Significant Myocardial Bridge Assessed by Physiological Study. <i>Journal of the American Heart Association</i> , <b>2015</b> , 4,	6	11
92	Subclinical left atrial dysfunction profiles for prediction of cardiac outcome in the general population. <i>Journal of Hypertension</i> , <b>2020</b> , 38, 2465-2474	1.9	11
91	Temporal changes in left ventricular longitudinal strain in general population: Clinical correlates and impact on cardiac remodeling. <i>Echocardiography</i> , <b>2019</b> , 36, 458-468	1.5	11



90	Increased red cell distribution width is associated with poor stem cell mobilization in patients with advanced chronic heart failure. <i>Biomarkers</i> , <b>2015</b> , 20, 365-70	2.6	10
89	The Project Baseline Health Study: a step towards a broader mission to map human health. <i>Npj Digital Medicine</i> , <b>2020</b> , 3, 84	15.7	10
88	Myocardial bridging is associated with exercise-induced ventricular arrhythmia and increases in QT dispersion. <i>Annals of Noninvasive Electrocardiology</i> , <b>2018</b> , 23, e12492	1.5	10
87	Regional right ventricular dysfunction in acute pulmonary embolism: relationship with clot burden and biomarker profile. <i>International Journal of Cardiovascular Imaging</i> , <b>2016</b> , 32, 389-98	2.5	10
86	Immunologic Network and Response to Intramyocardial CD34+ Stem Cell Therapy in Patients With Dilated Cardiomyopathy. <i>Journal of Cardiac Failure</i> , <b>2015</b> , 21, 572-82	3.3	9
85	Time based versus strain based myocardial performance indices in hypertrophic cardiomyopathy, the merging role of left atrial strain. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2019</b> , 20, 334-342	4.1	9
84	Improving risk stratification in heart failure with preserved ejection fraction by combining two validated risk scores. <i>Open Heart</i> , <b>2019</b> , 6, e000961	3	9
83	Value of Strain Imaging and Maximal Oxygen Consumption in Patients With Hypertrophic Cardiomyopathy. <i>American Journal of Cardiology</i> , <b>2017</b> , 120, 1203-1208	3	9
82	Electroanatomic Properties of the Myocardium Predict Response to CD34+ Cell Therapy in Patients With Ischemic and Nonischemic Heart Failure. <i>Journal of Cardiac Failure</i> , <b>2017</b> , 23, 153-160	3.3	9
81	Prognostic utility of right atrial emptying fractions in pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , <b>2015</b> , 5, 473-80	2.7	9
80	Pulmonary hypertension in patients with advanced heart failure is associated with increased levels of interleukin-6. <i>Biomarkers</i> , <b>2014</b> , 19, 385-90	2.6	9
79	Biventricular VAD versus LVAD for right heart failure. <i>Annals of Cardiothoracic Surgery</i> , <b>2014</b> , 3, 585-8	4.7	9
78	Right ventricular load adaptability metrics in patients undergoing left ventricular assist device implantation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2019</b> , 157, 1023-1033.e4	1.5	9
77	Applying current normative data to prognosis in heart failure: The Fitness Registry and the Importance of Exercise National Database (FRIEND). <i>International Journal of Cardiology</i> , <b>2018</b> , 263, 75-79 <sup>3,2</sup>		8
76	The 2013 ACC/AHA risk score and subclinical cardiac remodeling and dysfunction: Complementary in cardiovascular disease prediction. <i>International Journal of Cardiology</i> , <b>2019</b> , 297, 67-74	3.2	8
75	Incremental Value of Deformation Imaging and Hemodynamics Following Heart Transplantation: Insights From Graft Function Profiling. <i>JACC: Heart Failure</i> , <b>2017</b> , 5, 930-939	7.9	8
74	How does morphology impact on diastolic function in hypertrophic cardiomyopathy? A single centre experience. <i>BMJ Open</i> , <b>2014</b> , 4, e004814	3	8
73	Latent obstruction and left atrial size are predictors of clinical deterioration leading to septal reduction in hypertrophic cardiomyopathy. <i>Journal of Cardiac Failure</i> , <b>2014</b> , 20, 236-43	3.3	8

72	Total Microfluidic chip for Multiplexed diagnostics (ToMMx). <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 150, 111930	11.8	8
71	Echocardiographic evaluations of right ventriculo-arterial coupling in experimental and clinical pulmonary hypertension. <i>Physiological Reports</i> , <b>2019</b> , 7, e14322	2.6	8
70	Incremental value of diastolic stress test in identifying subclinical heart failure in patients with diabetes mellitus. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2020</b> , 21, 876-884	4.1	7
69	Preliminary Experience Using Diastolic Right Ventricular Pressure Gradient Monitoring in Cardiac Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>2020</b> , 34, 2116-2125	2.1	7
68	Dynamic changes in aortic impedance after transcatheter aortic valve replacement and its impact on exploratory outcome. <i>International Journal of Cardiovascular Imaging</i> , <b>2017</b> , 33, 1693-1701	2.5	7
67	Pulmonary nocardiosis in a heart transplant patient: case report and review of the literature. <i>Journal of Heart and Lung Transplantation</i> , <b>2007</b> , 26, 93-7	5.8	7
66	Giant coronary aneurysms in heart transplantation: an unusual presentation of cardiac allograft vasculopathy. <i>Journal of Heart and Lung Transplantation</i> , <b>2006</b> , 25, 1367-70	5.8	7
65	Transplant Outcomes in Destination Therapy Left Ventricular Assist Device Patients. <i>ASAIO Journal</i> , <b>2020</b> , 66, 394-398	3.6	7
64	Exploratory insights from the right-sided electrocardiogram following prolonged endurance exercise. <i>European Journal of Sport Science</i> , <b>2016</b> , 16, 1014-22	3.9	7
63	Immunologic effects of forest fire exposure show increases in IL-1 $\beta$ and CRP. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2020</b> , 75, 2356-2358	9.3	6
62	ICAM-1 promotes the abnormal endothelial cell phenotype in chronic thromboembolic pulmonary hypertension. <i>Journal of Heart and Lung Transplantation</i> , <b>2019</b> , 38, 982-996	5.8	6
61	Race differences in ventricular remodeling and function among college football players. <i>American Journal of Cardiology</i> , <b>2013</b> , 112, 128-34	3	6
60	Functional Cardiac Recovery and Hematologic Response to Chemotherapy in Patients With Light-Chain Amyloidosis (from the Stanford University Amyloidosis Registry). <i>American Journal of Cardiology</i> , <b>2017</b> , 120, 1381-1386	3	6
59	Comparison of aortic root diameter to left ventricular outflow diameter versus body surface area in patients with marfan syndrome. <i>American Journal of Cardiology</i> , <b>2012</b> , 110, 1518-22	3	6
58	Impact of age, sex and heart rate variability on the acute cardiovascular response to isometric handgrip exercise. <i>Journal of Human Hypertension</i> , <b>2021</b> , 35, 55-64	2.6	6
57	Immune biomarkers link air pollution exposure to blood pressure in adolescents. <i>Environmental Health</i> , <b>2020</b> , 19, 108	6	6
56	Cytokines profile of reverse cardiac remodeling following transcatheter aortic valve replacement. <i>International Journal of Cardiology</i> , <b>2018</b> , 270, 83-88	3.2	6
55	Predicting post-operative right ventricular failure using video-based deep learning. <i>Nature Communications</i> , <b>2021</b> , 12, 5192	17.4	6



54	Left atrial function and phenotypes in asymmetric hypertrophic cardiomyopathy. <i>Echocardiography</i> , <b>2017</b> , 34, 843-850	1.5	5
53	Applying machine learning to detect early stages of cardiac remodelling and dysfunction. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2021</b> , 22, 1208-1217	4.1	5
52	Optimizing right ventricular focused four-chamber views using three-dimensional imaging, a comparative magnetic resonance based study. <i>International Journal of Cardiovascular Imaging</i> , <b>2018</b> , 34, 1409-1417	2.5	5
51	Contractile reserve and cardiopulmonary exercise parameters in patients with dilated cardiomyopathy, the two dimensions of exercise testing. <i>Echocardiography</i> , <b>2017</b> , 34, 1179-1186	1.5	5
50	Targeted proteomics of right heart adaptation to pulmonary arterial hypertension. <i>European Respiratory Journal</i> , <b>2021</b> , 57,	13.6	5
49	Larger End-Diastolic Volume Associates With Response to Cell Therapy in Patients With Nonischemic Dilated Cardiomyopathy. <i>Mayo Clinic Proceedings</i> , <b>2020</b> , 95, 2125-2133	6.4	5
48	Assessment of Left Ventricular Diastolic Function by Transesophageal Echocardiography Before Cardiopulmonary Bypass: Clinical Implications of a Restrictive Profile. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>2019</b> , 33, 2394-2401	2.1	4
47	Long-term prognostic value of invasive and non-invasive measures early after heart transplantation. <i>International Journal of Cardiology</i> , <b>2018</b> , 260, 31-35	3.2	4
46	Right Ventricular Structure and Function in the Veteran Ultramarathon Runner: Is There Evidence for Chronic Maladaptation?. <i>Journal of the American Society of Echocardiography</i> , <b>2018</b> , 31, 598-605.e1	5.8	4
45	Update on noninvasive imaging of right ventricle dysfunction in pulmonary hypertension. <i>Cardiovascular Diagnosis and Therapy</i> , <b>2020</b> , 10, 1604-1624	2.6	4
44	Severe Pulmonary Arterial Hypertension Is Characterized by Increased Neutrophil Elastase and Relative Elafin Deficiency. <i>Chest</i> , <b>2021</b> , 160, 1442-1458	5.3	4
43	Right ventricular mitochondrial respiratory function in a piglet model of chronic pulmonary hypertension. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2019</b> ,	1.5	4
42	Acute intraoperative effect of intravenous amiodarone on right ventricular function in patients undergoing valvular surgery. <i>European Heart Journal: Acute Cardiovascular Care</i> , <b>2015</b> , 4, 316-25	4.3	3
41	Physiology of the Assisted Circulation in Cardiogenic Shock: A State-of-the-Art Perspective. <i>Canadian Journal of Cardiology</i> , <b>2020</b> , 36, 170-183	3.8	3
40	Limitations of Electrocardiography for Detecting Left Ventricular Hypertrophy or Concentric Remodeling in Athletes. <i>American Journal of Medicine</i> , <b>2020</b> , 133, 123-132.e8	2.4	3
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