

Francois Haddad

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Heterozygous LMNA mutation-carrying iPSC lines from three cardiac laminopathy patients.. <i>Stem Cell Research</i> , 2022 , 59, 102657	1.6	
178	Applying machine learning to detect early stages of cardiac remodelling and dysfunction. <i>European Heart Journal Cardiovascular Imaging</i> , 2021 , 22, 1208-1217	4.1	5
177	Targeted proteomics of right heart adaptation to pulmonary arterial hypertension. <i>European Respiratory Journal</i> , 2021 , 57,	13.6	5
176	Impact of age, sex and heart rate variability on the acute cardiovascular response to isometric handgrip exercise. <i>Journal of Human Hypertension</i> , 2021 , 35, 55-64	2.6	6
175	Retraction notice to ICAM-1 PROMOTES THE ABNORMAL ENDOTHELIAL CELL PHENOTYPE IN CHRONIC THROMBOEMBOLIC PULMONARY HYPERTENSION. <i>Journal of Heart and Lung Transplantation</i> , 2021 , 40, 318	5.8	
174	Proteomic profiling for detection of early-stage heart failure in the community. <i>ESC Heart Failure</i> , 2021 , 8, 2928-2939	3.7	1
173	Severe Pulmonary Arterial Hypertension Is Characterized by Increased Neutrophil Elastase and Relative Elafin Deficiency. <i>Chest</i> , 2021 , 160, 1442-1458	5.3	4
172	Right Ventricle Remodeling Metabolic Signature in Experimental Pulmonary Hypertension Models of Chronic Hypoxia and Monocrotaline Exposure. <i>Cells</i> , 2021 , 10,	7.9	3
171	Peripheral Oxygen Extraction and Exercise Limitation in Asymptomatic Patients with Diabetes Mellitus. <i>American Journal of Cardiology</i> , 2021 , 149, 132-139	3	2
170	Optimal Tricuspid Regurgitation Velocity to Screen for Pulmonary Hypertension in Tertiary Referral Centers. <i>Chest</i> , 2021 , 160, 2209-2219	5.3	0
169	Preoperative C-reactive protein predicts early postoperative outcomes after pulmonary endarterectomy in patients with chronic thromboembolic pulmonary hypertension. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 161, 1532-1542.e5	1.5	3
168	Subclinical Heart Dysfunction in Relation to Metabolic and Inflammatory Markers: A Community-Based Study. <i>American Journal of Hypertension</i> , 2021 , 34, 46-55	2.3	1
167	Donor and Recipient Size Matching in Heart Transplantation With Predicted Heart and Lean Body Mass. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2021 ,	1.7	3
166	Association of Subclinical Heart Maladaptation With the Pooled Cohort Equations to Prevent Heart Failure Risk Score for Incident Heart Failure. <i>JAMA Cardiology</i> , 2021 , 6, 214-218	16.2	1
165	Cardiopulmonary Exercise Testing With Echocardiography to Assess Recovery in Patients With Ventricular Assist Devices. <i>ASAIO Journal</i> , 2021 , 67, 1134-1138	3.6	1
164	An inflammatory aging clock (iAge) based on deep learning tracks multimorbidity, immunosenescence, frailty and cardiovascular aging. <i>Nature Aging</i> , 2021 , 1, 598-615		36
163	Temporal changes in soluble angiotensin-converting enzyme 2 associated with metabolic health, body composition, and proteome dynamics during a weight loss diet intervention: a randomized trial with implications for the COVID-19 pandemic. <i>American Journal of Clinical Nutrition</i> , 2021 , 114, 1655-1665	7	0

162	Pulmonary Hypertension in the Context of Heart Failure With Preserved Ejection Fraction. <i>Chest</i> , 2021 , 160, 2232-2246	5.3	1
161	Predicting post-operative right ventricular failure using video-based deep learning. <i>Nature Communications</i> , 2021 , 12, 5192	17.4	6
160	CTA pulmonary artery enlargement in patients with severe aortic stenosis: Prognostic impact after TAVR. <i>Journal of Cardiovascular Computed Tomography</i> , 2021 , 15, 431-440	2.8	2
159	Sirolimus Adverse Event Profile in a Non-Clinical Trial Cohort of Heart Transplantation Patients. <i>Annals of Transplantation</i> , 2021 , 26, e923536	1.4	1
158	Biomarkers and Risk Prediction Tools for Stroke and Dementia in Patients with Atrial Fibrillation. <i>Current Cardiovascular Risk Reports</i> , 2020 , 14, 1	0.9	
157	Incremental value of diastolic stress test in identifying subclinical heart failure in patients with diabetes mellitus. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 876-884	4.1	7
156	Molecular Choreography of Acute Exercise. <i>Cell</i> , 2020 , 181, 1112-1130.e16	56.2	96
155	The Project Baseline Health Study: a step towards a broader mission to map human health. <i>Npj Digital Medicine</i> , 2020 , 3, 84	15.7	10
154	Immunologic effects of forest fire exposure show increases in IL-1 β and CRP. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020 , 75, 2356-2358	9.3	6
153	Limitations of right ventricular annular parameters in the early postoperative period following pulmonary endarterectomy: an observational study. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2020 , 31, 191-198	1.8	0
152	Preliminary Experience Using Diastolic Right Ventricular Pressure Gradient Monitoring in Cardiac Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2020 , 34, 2116-2125	2.1	7
151	Outcomes in Patients With Cardiac Amyloidosis Undergoing Heart Transplantation. <i>JACC: Heart Failure</i> , 2020 , 8, 461-468	7.9	25
150	Subclinical left atrial dysfunction profiles for prediction of cardiac outcome in the general population. <i>Journal of Hypertension</i> , 2020 , 38, 2465-2474	1.9	11
149	Echocardiographic Assessment of Left Ventricular Remodeling in American Style Footballers. <i>International Journal of Sports Medicine</i> , 2020 , 41, 27-35	3.6	0
148	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> , 2020 , 125, 229-235	3	13
147	Physiology of the Assisted Circulation in Cardiogenic Shock: A State-of-the-Art Perspective. <i>Canadian Journal of Cardiology</i> , 2020 , 36, 170-183	3.8	3
146	Cardiogenic Shock: Reflections at the Crossroad Between Perfusion, Tissue Hypoxia, and Mitochondrial Function. <i>Canadian Journal of Cardiology</i> , 2020 , 36, 184-196	3.8	2
145	Limitations of Electrocardiography for Detecting Left Ventricular Hypertrophy or Concentric Remodeling in Athletes. <i>American Journal of Medicine</i> , 2020 , 133, 123-132.e8	2.4	3

144	Total Microfluidic chip for Multiplexed diagnostics (ToMMx). <i>Biosensors and Bioelectronics</i> , 2020 , 150, 111930	11.8	8
143	Transplant Outcomes in Destination Therapy Left Ventricular Assist Device Patients. <i>ASAIO Journal</i> , 2020 , 66, 394-398	3.6	7
142	Novel three-dimensional imaging approach for cryoballoon navigation and confirmation of pulmonary vein occlusion. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2020 , 43, 269-277	1.6	2
141	Immune biomarkers link air pollution exposure to blood pressure in adolescents. <i>Environmental Health</i> , 2020 , 19, 108	6	6
140	Larger End-Diastolic Volume Associates With Response to Cell Therapy in Patients With Nonischemic Dilated Cardiomyopathy. <i>Mayo Clinic Proceedings</i> , 2020 , 95, 2125-2133	6.4	5
139	Impact of the distance from the chest wall to the heart on surface ECG voltage in athletes. <i>BMJ Open Sport and Exercise Medicine</i> , 2020 , 6, e000696	3.4	0
138	Update on noninvasive imaging of right ventricle dysfunction in pulmonary hypertension. <i>Cardiovascular Diagnosis and Therapy</i> , 2020 , 10, 1604-1624	2.6	4
137	Mechanics of right ventricular dysfunction in pulmonary arterial hypertension and heart failure with preserved ejection fraction. <i>Cardiovascular Diagnosis and Therapy</i> , 2020 , 10, 1580-1603	2.6	15
136	Hemodynamic trajectories and outcomes in patients with pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2020 , 10, 2045894020941343	2.7	2
135	Are pressure-volume loops relevant for hemodynamic assessment during ex vivo heart perfusion?. <i>Journal of Heart and Lung Transplantation</i> , 2020 , 39, 1165-1166	5.8	
134	Trends in Left Ventricular Ejection Fraction for Patients With a New Diagnosis of Heart Failure. <i>Circulation: Heart Failure</i> , 2020 , 13, e006743	7.6	0
133	Workload-indexed blood pressure response is superior to peak systolic blood pressure in predicting all-cause mortality. <i>European Journal of Preventive Cardiology</i> , 2020 , 27, 978-987	3.9	14
132	Discovery of Distinct Immune Phenotypes Using Machine Learning in Pulmonary Arterial Hypertension. <i>Circulation Research</i> , 2019 , 124, 904-919	15.7	81
131	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> , 2019 , 33, 2394-2401	2.1	4
130	A longitudinal big data approach for precision health. <i>Nature Medicine</i> , 2019 , 25, 792-804	50.5	183
129	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> , 2019 , 20, 334-342	4.1	9
128	Outcomes in patients undergoing cardiac retransplantation: A propensity matched cohort analysis of the UNOS Registry. <i>Journal of Heart and Lung Transplantation</i> , 2019 , 38, 1067-1074	5.8	12
127	Approaching Higher Dimension Imaging Data Using Cluster-Based Hierarchical Modeling in Patients with Heart Failure Preserved Ejection Fraction. <i>Scientific Reports</i> , 2019 , 9, 10431	4.9	1

126	ICAM-1 promotes the abnormal endothelial cell phenotype in chronic thromboembolic pulmonary hypertension. <i>Journal of Heart and Lung Transplantation</i> , 2019 , 38, 982-996	5.8	6
125	Improving risk stratification in heart failure with preserved ejection fraction by combining two validated risk scores. <i>Open Heart</i> , 2019 , 6, e000961	3	9
124	Utility of High-Sensitivity and Conventional Troponin in Patients Undergoing Transcatheter Aortic Valve Replacement: Incremental Prognostic Value to B-type Natriuretic Peptide. <i>Scientific Reports</i> , 2019 , 9, 14936	4.9	2
123	A Changing Landscape of Mortality for Systemic Light Chain Amyloidosis. <i>JACC: Heart Failure</i> , 2019 , 7, 958-966	7.9	13
122	The 2013 ACC/AHA risk score and subclinical cardiac remodeling and dysfunction: Complementary in cardiovascular disease prediction. <i>International Journal of Cardiology</i> , 2019 , 297, 67-74	3.2	8
121	STRONG-D: Strength training regimen for normal weight diabetics: Rationale and design. <i>Contemporary Clinical Trials</i> , 2019 , 78, 101-106	2.3	3
120	Echocardiographic evaluations of right ventriculo-arterial coupling in experimental and clinical pulmonary hypertension. <i>Physiological Reports</i> , 2019 , 7, e14322	2.6	8
119	Incremental Value of Aortomitral Continuity Calcification for Risk Assessment after Transcatheter Aortic Valve Replacement. <i>Radiology: Cardiothoracic Imaging</i> , 2019 , 1, e190067	8.3	3
118	Right ventricular load adaptability metrics in patients undergoing left ventricular assist device implantation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 157, 1023-1033.e4	1.5	9
117	Temporal changes in left ventricular longitudinal strain in general population: Clinical correlates and impact on cardiac remodeling. <i>Echocardiography</i> , 2019 , 36, 458-468	1.5	11
116	Pathophysiology of the right ventricle and of the pulmonary circulation in pulmonary hypertension: an update. <i>European Respiratory Journal</i> , 2019 , 53,	13.6	148
115	Athletic Remodeling in Female College Athletes: The "Morganroth Hypothesis" Revisited. <i>Clinical Journal of Sport Medicine</i> , 2019 , 29, 224-231	3.2	13
114	Right ventricular mitochondrial respiratory function in a piglet model of chronic pulmonary hypertension. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 ,	1.5	4
113	Stem cell therapy targeting the right ventricle in pulmonary arterial hypertension: is it a potential avenue of therapy?. <i>Pulmonary Circulation</i> , 2018 , 8, 2045893218755979	2.7	13
112	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> , 2018 , 263, 75-79 ^{3,2}		8
111	Large Q and S waves in lead III on the electrocardiogram distinguish patients with hypertrophic cardiomyopathy from athletes. <i>Heart</i> , 2018 , 104, 1871-1877	5.1	2
110	Optimizing right ventricular focused four-chamber views using three-dimensional imaging, a comparative magnetic resonance based study. <i>International Journal of Cardiovascular Imaging</i> , 2018 , 34, 1409-1417	2.5	5
109	Long-term prognostic value of invasive and non-invasive measures early after heart transplantation. <i>International Journal of Cardiology</i> , 2018 , 260, 31-35	3.2	4

108	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> , 2018 , 31, 598-605.e1	5.8	4
107	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> , 2018 , 7,	6	21
106	Myocardial bridging is associated with exercise-induced ventricular arrhythmia and increases in QT dispersion. <i>Annals of Noninvasive Electrocardiology</i> , 2018 , 23, e12492	1.5	10
105	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> , 2018 , 37, 1102-1110	5.8	15
104	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> , 2018 , 198, e15-e43	10.2	105
103	Effects of Repetitive Transendocardial CD34 Cell Transplantation in Patients With Nonischemic Dilated Cardiomyopathy. <i>Circulation Research</i> , 2018 , 123, 389-396	15.7	15
102	Pilot studies demonstrate the potential benefits of antiinflammatory therapy in human lymphedema. <i>JCI Insight</i> , 2018 , 3,	9.9	52
101	Forgotten No More: A Focused Update on the Right Ventricle in Cardiovascular Disease. <i>JACC: Heart Failure</i> , 2018 , 6, 891-903	7.9	51
100	Evaluating the clinical implementation of structured exercise: A randomized controlled trial among non-insulin dependent type II diabetics. <i>Contemporary Clinical Trials</i> , 2018 , 74, 25-31	2.3	3
99	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> , 2018 , 24, 823-832	3.3	14
98	Cytokines profile of reverse cardiac remodeling following transcatheter aortic valve replacement. <i>International Journal of Cardiology</i> , 2018 , 270, 83-88	3.2	6
97	Non-invasive right ventricular load adaptability indices in patients with scleroderma-associated pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2018 , 8, 2045894018788268	2.7	18
96	Expression of specific inflammasome gene modules stratifies older individuals into two extreme clinical and immunological states. <i>Nature Medicine</i> , 2017 , 23, 174-184	50.5	204
95	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> , 2017 , 33, 825-835	2.5	12
94	Effects of Transendocardial CD34 Cell Transplantation on Diastolic Parameters in Patients with Nonischemic Dilated Cardiomyopathy. <i>Stem Cells Translational Medicine</i> , 2017 , 6, 1515-1521	6.9	15
93	Left atrial function and phenotypes in asymmetric hypertrophic cardiomyopathy. <i>Echocardiography</i> , 2017 , 34, 843-850	1.5	5
92	Load Adaptability in Patients With Pulmonary Arterial Hypertension. <i>American Journal of Cardiology</i> , 2017 , 120, 874-882	3	12
91	The importance of capillary density-stroke work mismatch for right ventricular adaptation to chronic pressure overload. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017 , 154, 2070-2079	1.5	11

90	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> , 2017 , 114, 7089-7094	11.5	22
89	Right Heart End-Systolic Remodeling Index Strongly Predicts Outcomes in Pulmonary Arterial Hypertension: Comparison With Validated Models. <i>Circulation: Cardiovascular Imaging</i> , 2017 , 10,	3.9	44
88	Randomised placebo-controlled safety and tolerability trial of FK506 (tacrolimus) for pulmonary arterial hypertension. <i>European Respiratory Journal</i> , 2017 , 50,	13.6	86
87	Upregulation of Human Endogenous Retrovirus-K Is Linked to Immunity and Inflammation in Pulmonary Arterial Hypertension. <i>Circulation</i> , 2017 , 136, 1920-1935	16.7	24
86	Contractile reserve and cardiopulmonary exercise parameters in patients with dilated cardiomyopathy, the two dimensions of exercise testing. <i>Echocardiography</i> , 2017 , 34, 1179-1186	1.5	5
85	Value of Strain Imaging and Maximal Oxygen Consumption in Patients With Hypertrophic Cardiomyopathy. <i>American Journal of Cardiology</i> , 2017 , 120, 1203-1208	3	9
84	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> , 2017 , 120, 1381-1386	3	6
83	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> , 2017 , 23, 876-886	3.3	12
82	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> , 2017 , 10,	6	12
81	Incremental Value of Deformation Imaging and Hemodynamics Following Heart Transplantation: Insights From Graft Function Profiling. <i>JACC: Heart Failure</i> , 2017 , 5, 930-939	7.9	8
80	Dynamic changes in aortic impedance after transcatheter aortic valve replacement and its impact on exploratory outcome. <i>International Journal of Cardiovascular Imaging</i> , 2017 , 33, 1693-1701	2.5	7
79	Circulating Biomarkers to Identify Responders in Cardiac Cell therapy. <i>Scientific Reports</i> , 2017 , 7, 4419	4.9	14
78	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> , 2017 , 23, 153-160	3.3	9
77	Challenging the complementarity of different metrics of left atrial function: insight from a cardiomyopathy-based study. <i>European Heart Journal Cardiovascular Imaging</i> , 2017 , 18, 1153-1162	4.1	13
76	Moving Beyond Linear Formulas for Left Ventricular Mass in Aortic Valve Replacement. <i>Structural Heart</i> , 2017 , 1, 298-299	0.6	
75	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> , 2016 , 5, 632-8	6.9	23
74	A multicentre randomized-controlled trial of inhaled milrinone in high-risk cardiac surgical patients. <i>Canadian Journal of Anaesthesia</i> , 2016 , 63, 1140-53	3	52
73	Additive Prognostic Value of Left Ventricular Systolic Dysfunction in a Population-Based Cohort. <i>Circulation: Cardiovascular Imaging</i> , 2016 , 9,	3.9	47

72	Right heart imaging in patients with heart failure: a tale of two ventricles. <i>Current Opinion in Cardiology</i> , 2016 , 31, 469-82	2.1	34
71	Impact of Septal Reduction on Left Atrial Size and Diastole in Hypertrophic Cardiomyopathy. <i>Echocardiography</i> , 2016 , 33, 686-94	1.5	17
70	Heart rate-guided, but not dose-guided titration of beta blockers stabilizes ventricular repolarization in patients with chronic heart failure. <i>Journal of Electrocardiology</i> , 2016 , 49, 579-86	1.4	
69	Addressing the Controversy of Estimating Pulmonary Arterial Pressure by Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2016 , 29, 93-102	5.8	81
68	Regional right ventricular dysfunction in acute pulmonary embolism: relationship with clot burden and biomarker profile. <i>International Journal of Cardiovascular Imaging</i> , 2016 , 32, 389-98	2.5	10
67	De Novo and Rare Variants at Multiple Loci Support the Oligogenic Origins of Atrioventricular Septal Heart Defects. <i>PLoS Genetics</i> , 2016 , 12, e1005963	6	67
66	Pearls and pitfalls in managing right heart failure in cardiac surgery. <i>Current Opinion in Anaesthesiology</i> , 2016 , 29, 68-79	2.9	21
65	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> , 2016 , 29, 879-887.e1 ¹⁹	5.8	
64	Exploratory insights from the right-sided electrocardiogram following prolonged endurance exercise. <i>European Journal of Sport Science</i> , 2016 , 16, 1014-22	3.9	7
63	Comparison of left ventricular manual versus automated derived longitudinal strain: implications for clinical practice and research. <i>International Journal of Cardiovascular Imaging</i> , 2016 , 32, 429-37	2.5	22
62	The Authors Reply. <i>JACC: Cardiovascular Imaging</i> , 2016 , 9, 630	8.4	
61	Extracorporeal Life Support After Pulmonary Endarterectomy as a Bridge to Recovery or Transplantation: Lessons From 31 Consecutive Patients. <i>Annals of Thoracic Surgery</i> , 2016 , 102, 260-8	2.7	19
60	Prevalence and prognostic role of right ventricular involvement in stress-induced cardiomyopathy. <i>Journal of Cardiac Failure</i> , 2015 , 21, 419-425	3.3	22
59	Noninvasive imaging in the assessment of the cardiopulmonary vascular unit. <i>Circulation</i> , 2015 , 131, 899-913	6.7	46
58	Immunologic Network and Response to Intramyocardial CD34+ Stem Cell Therapy in Patients With Dilated Cardiomyopathy. <i>Journal of Cardiac Failure</i> , 2015 , 21, 572-82	3.3	9
57	Physiology of the Right Ventricle. <i>Respiratory Medicine</i> , 2015 , 19-40	0.2	1
56	Right ventricular reserve in a piglet model of chronic pulmonary hypertension. <i>European Respiratory Journal</i> , 2015 , 45, 709-17	13.6	29
55	Cardiopulmonary responses and prognosis in hypertrophic cardiomyopathy: a potential role for comprehensive noninvasive hemodynamic assessment. <i>JACC: Heart Failure</i> , 2015 , 3, 408-418	7.9	51

54	Cytokines profile in hypertensive patients with left ventricular remodeling and dysfunction. <i>Journal of the American Society of Hypertension</i> , 2015 , 9, 975-84.e3		11
53	Increased red cell distribution width is associated with poor stem cell mobilization in patients with advanced chronic heart failure. <i>Biomarkers</i> , 2015 , 20, 365-70	2.6	10
52	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> , 2015 , 116, 1610-6	3	19
51	Acute intraoperative effect of intravenous amiodarone on right ventricular function in patients undergoing valvular surgery. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2015 , 4, 316-25	4.3	3
50	Prognostic utility of right atrial emptying fractions in pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2015 , 5, 473-80	2.7	9
49	Heart-lung vs. double-lung transplantation for idiopathic pulmonary arterial hypertension. <i>Clinical Transplantation</i> , 2015 , 29, 1067-75	3.8	26
48	Right Heart Score for Predicting Outcome in Idiopathic, Familial, or Drug- and Toxin-Associated Pulmonary Arterial Hypertension. <i>JACC: Cardiovascular Imaging</i> , 2015 , 8, 627-38	8.4	26
47	Exercise Strain Echocardiography in Patients With a Hemodynamically Significant Myocardial Bridge Assessed by Physiological Study. <i>Journal of the American Heart Association</i> , 2015 , 4,	6	11
46	Intracoronary transplantation of CD34(+) cells is associated with improved myocardial perfusion in patients with nonischemic dilated cardiomyopathy. <i>Journal of Cardiac Failure</i> , 2015 , 21, 145-52	3.3	38
45	Right Ventricular Depression After Cardiopulmonary Bypass for Valvular Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2015 , 29, 836-44	2.1	24
44	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> , 2014 , 27, 405-12	5.8	35
43	Dichloroacetate prevents restenosis in preclinical animal models of vessel injury. <i>Nature</i> , 2014 , 509, 641-4	30.4	64
42	Perioperative pharmacological management of pulmonary hypertensive crisis during congenital heart surgery. <i>Pulmonary Circulation</i> , 2014 , 4, 10-24	2.7	19
41	Impact of insulin resistance on ventricular function in pulmonary arterial hypertension. <i>Journal of Heart and Lung Transplantation</i> , 2014 , 33, 721-6	5.8	16
40	Cardiac metastases and tumor embolization: A rare sequelae of primary undifferentiated liver sarcoma. <i>International Journal of Surgery Case Reports</i> , 2014 , 5, 927-31	0.8	2
39	How does morphology impact on diastolic function in hypertrophic cardiomyopathy? A single centre experience. <i>BMJ Open</i> , 2014 , 4, e004814	3	8
38	Pulmonary hypertension in patients with advanced heart failure is associated with increased levels of interleukin-6. <i>Biomarkers</i> , 2014 , 19, 385-90	2.6	9
37	The presence of electromechanical mismatch in nonischemic dilated cardiomyopathy is associated with ventricular repolarization instability. <i>Journal of Cardiac Failure</i> , 2014 , 20, 891-8	3.3	1

36	Septal curvature is marker of hemodynamic, anatomical, and electromechanical ventricular interdependence in patients with pulmonary arterial hypertension. <i>Echocardiography</i> , 2014 , 31, 699-707 ^{1.5}	49
35	Effects of transendocardial CD34+ cell transplantation in patients with ischemic cardiomyopathy. <i>Circulation: Cardiovascular Interventions</i> , 2014 , 7, 552-9	43
34	Latent obstruction and left atrial size are predictors of clinical deterioration leading to septal reduction in hypertrophic cardiomyopathy. <i>Journal of Cardiac Failure</i> , 2014 , 20, 236-43	8
33	Prevalence and clinical correlates of right ventricular dysfunction in patients with hypertrophic cardiomyopathy. <i>American Journal of Cardiology</i> , 2014 , 113, 361-7	41
32	Right ventricular plasticity in a porcine model of chronic pressure overload. <i>Journal of Heart and Lung Transplantation</i> , 2014 , 33, 194-202	15
31	Biventricular VAD versus LVAD for right heart failure. <i>Annals of Cardiothoracic Surgery</i> , 2014 , 3, 585-8	9
30	Right heart adaptation to pulmonary arterial hypertension: physiology and pathobiology. <i>Journal of the American College of Cardiology</i> , 2013 , 62, D22-33	584
29	Race differences in ventricular remodeling and function among college football players. <i>American Journal of Cardiology</i> , 2013 , 112, 128-34	6
28	Experimental models of right heart failure: a window for translational research in pulmonary hypertension. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2013 , 34, 689-99	32
27	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> , 2013 , 14, 1140-9	60
26	The intersection of genes and environment: development of pulmonary arterial hypertension in a patient with hereditary hemorrhagic telangiectasia and stimulant exposure. <i>Chest</i> , 2012 , 141, 1598-1600 ^{5.3}	12
25	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> , 2012 , 110, 1518-22	6
24	Clinical and functional correlates of early microvascular dysfunction after heart transplantation. <i>Circulation: Heart Failure</i> , 2012 , 5, 759-68	44
23	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> , 2011 , 17, 533-9	36
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