

Christopher Hayward

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.

81 papers	2,049 citations	25 h-index	44 g-index
95 ext. papers	2,568 ext. citations	3.6 avg, IF	4.3 L-index

#	Paper	IF	Citations
81	Latent Pulmonary Vascular Disease May Alter the Response to Therapeutic Atrial Shunt Device in Heart Failure.. <i>Circulation</i> , 2022 ,	16.7	7
80	Everolimus for the Prevention of Calcineurin-Inhibitor-Induced Left Ventricular Hypertrophy After Heart Transplantation (RADTAC Study). <i>JACC: Heart Failure</i> , 2021 , 9, 301-313	7.9	3
79	The use of eculizumab as a bridge to retransplantation for chronic antibody-mediated rejection in a heart transplant recipient: a case report. <i>European Heart Journal - Case Reports</i> , 2021 , 5, ytab180	0.9	1
78	Alarms and Their Outcomes in Left Ventricular Assist Device Patients. <i>ASAIO Journal</i> , 2021 , 67, 1284-1293	3.6	0
77	How well do we understand pulsatility in the context of modern ventricular assist devices?. <i>International Journal of Artificial Organs</i> , 2021 , 44, 923-929	1.9	0
76	Phenotyping of Stable Left Ventricular Assist Device Patients Using Noninvasive Pump Flow Responses to Acute Loading Transients. <i>Journal of Cardiac Failure</i> , 2021 , 27, 642-650	3.3	1
75	Ex Vivo Assessment of Different Oral Anticoagulant Regimens on Pump Thrombosis in a HeartWare Ventricular Assist Device. <i>Circulation: Heart Failure</i> , 2021 , 14, e007231	7.6	
74	The use of direct oral anticoagulants in patients with ventricular assist devices: Is there hope for Factor Xa inhibition?. <i>Artificial Organs</i> , 2021 , 45, E123-E129	2.6	0
73	The impact of frailty on mortality after heart transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2021 , 40, 87-94	5.8	8
72	Spontaneous Oscillatory Left Ventricular-Aortic Uncoupling Under Continuous-Flow Left Ventricular Assist Device Support. <i>Circulation: Heart Failure</i> , 2021 , 14, e007658	7.6	1
71	The Future of Mechanical Circulatory Support. <i>Circulation: Heart Failure</i> , 2021 , 14, e008861	7.6	1
70	Anatomical human fitting of the BiVACOR total artificial heart. <i>Artificial Organs</i> , 2021 ,	2.6	2
69	Ageing, Hypertension and Aortic Valve Stenosis: A Conscious Uncoupling. <i>Heart Lung and Circulation</i> , 2021 , 30, 1627-1636	1.8	4
68	COVID-19 and Acute Heart Failure: Screening the Critically Ill - A Position Statement of the Cardiac Society of Australia and New Zealand (CSANZ). <i>Heart Lung and Circulation</i> , 2020 , 29, e94-e98	1.8	10
67	Afterload Sensitivity of Continuous-Flow Left Ventricular Assist Devices and Abolition of Frank-Starling Forces Under Strain. <i>Circulation: Heart Failure</i> , 2020 , 13, e006787	7.6	1
66	Survival After an Acute Heart Failure Admission. Twelve-Month Outcomes From the NSW HF Snapshot Study. <i>Heart Lung and Circulation</i> , 2020 , 29, 1032-1038	1.8	3
65	In Vivo tissue reaction within the outflow conduit in patients supported by HeartWare HVAD. <i>Cardiovascular Pathology</i> , 2020 , 44, 107156	3.8	1

64	Is it safe to irradiate the newest generation of ventricular assist devices? A case report and systematic literature review. <i>Artificial Organs</i> , 2020 , 44, 449-456	2.6	1
63	Impact of Pump Speed on Hemodynamics With Exercise in Continuous Flow Ventricular Assist Device Patients. <i>ASAIO Journal</i> , 2020 , 66, 132-138	3.6	6
62	Characterization of infected, explanted ventricular assist device drivelines: The role of biofilms and microgaps in the driveline tunnel. <i>Journal of Heart and Lung Transplantation</i> , 2020 , 39, 1289-1299	5.8	3
61	Left Ventricular Ejection Fraction Under Continuous-Flow Mechanical Support. <i>Circulation: Heart Failure</i> , 2020 , 13, e007427	7.6	1
60	Costs Before and After Left Ventricular Assist Device Implant and Preceding Heart Transplant: A Cohort Study. <i>Heart Lung and Circulation</i> , 2020 , 29, 1338-1346	1.8	
59	Epidemiology of infection in mechanical circulatory support: A global analysis from the ISHLT Mechanically Assisted Circulatory Support Registry. <i>Journal of Heart and Lung Transplantation</i> , 2019 , 38, 364-373	5.8	39
58	Ventricular-Vascular Coupling Ratio Is the Ejection Fraction in Disguise. <i>Journal of the American Society of Echocardiography</i> , 2019 , 32, 791	5.8	3
57	Dynamic flow responses to expiratory maneuvers in left ventricular assist device patients. <i>Journal of Heart and Lung Transplantation</i> , 2019 , 38, 669-674	5.8	4
56	Why is There Discordance between the Reimbursement of High-Cost Life-Extending Pharmaceuticals and Medical Devices? The Funding of Ventricular Assist Devices in Australia. <i>Applied Health Economics and Health Policy</i> , 2019 , 17, 421-431	3.4	2
55	A gene-centric strategy for identifying disease-causing rare variants in dilated cardiomyopathy. <i>Genetics in Medicine</i> , 2019 , 21, 133-143	8.1	20
54	Assessment of Predictors of Left Atrial Volume Response to a Transcatheter InterAtrial Shunt Device (from the REDUCE LAP-HF Trial). <i>American Journal of Cardiology</i> , 2019 , 124, 1912-1917	3	10
53	Choosing Between Left Ventricular Assist Devices and Biventricular Assist Devices. <i>Cardiac Failure Review</i> , 2019 , 5, 19-23	4.2	5
52	Pulsatile Conduit Pressure Gradients in the HeartWare HVAD. <i>ASAIO Journal</i> , 2019 , 65, 489-494	3.6	4
51	Beat-to-beat detection of aortic valve opening in HeartWare left ventricular assist device patients. <i>Artificial Organs</i> , 2019 , 43, 458-466	2.6	7
50	Native T Mapping in the Diagnosis of Cardiac Allograft Rejection: A Prospective Histologically Validated Study. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 1618-1628	8.4	19
49	Comparison of continuous-flow ventricular assist device therapy with intensive medical therapy in fixed pulmonary hypertension secondary to advanced left heart failure. <i>ESC Heart Failure</i> , 2018 , 5, 695-702	3.7	18
48	Outcomes of venopulmonary arterial extracorporeal life support as temporary right ventricular support after left ventricular assist implantation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 156, 2143-2152	1.5	7
47	Medical management of the supported patient 2018 , 529-564		

46	Left Ventricular Device Implantation Impacts on Hospitalisation Rates, Length of Stay and Out of Hospital Time. <i>Heart Lung and Circulation</i> , 2018 , 27, 708-715	1.8	4
45	COMBINING INSTITUTIONAL AND ADMINISTRATIVE DATA TO ASSESS HOSPITAL COSTS FOR PATIENTS RECEIVING VENTRICULAR ASSIST DEVICES. <i>International Journal of Technology Assessment in Health Care</i> , 2018 , 34, 555-566	1.8	2
44	First Evaluation of Acute Left Ventricular Response to Off-Pump Transcatheter Mitral Valve Replacement in High-Risk Patients. <i>JACC: Cardiovascular Interventions</i> , 2018 , 11, 2239-2240	5	4
43	Longitudinal structural, functional, and cellular myocardial alterations with chronic centrifugal continuous-flow left ventricular assist device support. <i>Journal of Heart and Lung Transplantation</i> , 2017 , 36, 722-731	5.8	14
42	Right Ventricular Failure Post LVAD Implantation Corrected with Biventricular Support: An In Vitro Model. <i>ASAIO Journal</i> , 2017 , 63, 41-47	3.6	6
41	Reversibility of Frailty After Bridge-to-Transplant Ventricular Assist Device Implantation or Heart Transplantation. <i>Transplantation Direct</i> , 2017 , 3, e167	2.3	49
40	Estimation of left ventricular assist device pre-load using pump flow waveform analysis. <i>Journal of Heart and Lung Transplantation</i> , 2017 , 36, 240-242	5.8	7
39	Cognitive impairment improves the predictive validity of physical frailty for mortality in patients with advanced heart failure referred for heart transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2016 , 35, 1092-100	5.8	65
38	Biventricular mechanical support devices--clinical perspectives. <i>Expert Review of Medical Devices</i> , 2016 , 13, 353-65	3.5	5
37	Long-term biventricular HeartWare ventricular assist device support--Case series of right atrial and right ventricular implantation outcomes. <i>Journal of Heart and Lung Transplantation</i> , 2016 , 35, 466-73	5.8	56
36	Longitudinal changes in hemostatic parameters and reduced pulsatility contribute to non-surgical bleeding in patients with centrifugal continuous-flow left ventricular assist devices. <i>Journal of Heart and Lung Transplantation</i> , 2016 , 35, 743-51	5.8	26
35	The Prevalence and Prognostic Significance of Frailty in Patients With Advanced Heart Failure Referred for Heart Transplantation. <i>Transplantation</i> , 2016 , 100, 429-36	1.8	96
34	One-Year Outcomes After Transcatheter Insertion of an Interatrial Shunt Device for the Management of Heart Failure With Preserved Ejection Fraction. <i>Circulation: Heart Failure</i> , 2016 , 9,	7.6	78
33	Improved heart function from older donors using pharmacologic conditioning strategies. <i>Journal of Heart and Lung Transplantation</i> , 2016 , 35, 636-46	5.8	13
32	Exercise physiology in chronic mechanical circulatory support patients: vascular function and beyond. <i>Current Opinion in Cardiology</i> , 2016 , 31, 292-8	2.1	11
31	Effect of exercise and pump speed modulation on invasive hemodynamics in patients with centrifugal continuous-flow left ventricular assist devices. <i>Journal of Heart and Lung Transplantation</i> , 2015 , 34, 522-9	5.8	34
30	Adult heart transplantation with distant procurement and ex-vivo preservation of donor hearts after circulatory death: a case series. <i>Lancet, The</i> , 2015 , 385, 2585-91	4.0	231
29	Integrated allelic, transcriptional, and phenomic dissection of the cardiac effects of titin truncations in health and disease. <i>Science Translational Medicine</i> , 2015 , 7, 270ra6	17.5	267

28	Identification and Management of Pump Thrombus in the HeartWare Left Ventricular Assist Device System: A Novel Approach Using Log File Analysis. <i>JACC: Heart Failure</i> , 2015 , 3, 849-56	7.9	62
27	Impact of Implantable Cardioverter Defibrillators on Survival of Patients with Centrifugal Left Ventricular Assist Devices. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2015 , 38, 925-33	1.6	26
26	Pump Speed Waveform Analysis to Detect Aortic Valve Opening in Patients on Ventricular Assist Device Support. <i>Artificial Organs</i> , 2015 , 39, 704-9	2.6	14
25	Impact of left ventricular assist device speed adjustment on exercise tolerance and markers of wall stress. <i>International Journal of Artificial Organs</i> , 2015 , 38, 501-7	1.9	9
24	Derivation of indices of left ventricular contractility in the setting of continuous-flow left ventricular assist device support. <i>Artificial Organs</i> , 2014 , 38, 1029-34	2.6	2
23	A novel method of blood pressure measurement in patients with continuous-flow left ventricular assist devices. <i>Journal of Heart and Lung Transplantation</i> , 2014 , 33, 1183-6	5.8	15
22	Body position and activity, but not heart rate, affect pump flows in patients with continuous-flow left ventricular assist devices. <i>JACC: Heart Failure</i> , 2014 , 2, 323-30	7.9	31
21	Ambulatory extra-aortic counterpulsation in patients with moderate to severe chronic heart failure. <i>JACC: Heart Failure</i> , 2014 , 2, 526-33	7.9	17
20	Normalisation of haemodynamics in patients with end-stage heart failure with continuous-flow left ventricular assist device therapy. <i>Heart Lung and Circulation</i> , 2014 , 23, 963-9	1.8	35
19	Six-minute walk distance predicts VO ₂ (max) in patients supported with continuous flow left ventricular assist devices. <i>International Journal of Artificial Organs</i> , 2014 , 37, 539-45	1.9	14
18	Size and Gender Matching in Heart Transplantation [Optimizing Donor Utilization in an Era of Changing Donor and Recipient Characteristics. <i>Current Transplantation Reports</i> , 2014 , 1, 266-272	1.5	6
17	Measurement of thirst in chronic heart failure [A review. <i>Contemporary Nurse</i> , 2014 , 48, 2-9	1.5	3
16	Can medications be safely withdrawn in patients with stable chronic heart failure? systematic review and meta-analysis. <i>Journal of Cardiac Failure</i> , 2014 , 20, 522-32	3.3	28
15	Interaction between physical activity and continuous-flow left ventricular assist device function in outpatients. <i>Journal of Cardiac Failure</i> , 2013 , 19, 169-75	3.3	19
14	Death on an LVAD-Two sides of a coin. <i>Heart Lung and Circulation</i> , 2013 , 22, 952-4	1.8	3
13	Thrombolysis for suspected intrapump thrombosis in patients with continuous flow centrifugal left ventricular assist device. <i>Artificial Organs</i> , 2013 , 37, 313-8	2.6	30
12	Exercise studies in patients with rotary blood pumps: cause, effects, and implications for startling-like control of changes in pump flow. <i>Artificial Organs</i> , 2013 , 37, 695-703	2.6	32
11	Increased incidence of angiodysplasia of the gastrointestinal tract and bleeding in patients with continuous flow left ventricular assist devices (LVADs). <i>International Journal of Artificial Organs</i> , 2013 , 36, 449-54	1.9	13

10	The Evolution of Ventricular Assist Devices and the HeartWare [®] Ventricular Assist System. <i>European Cardiology Review</i> , 2012 , 8, 32	3.9	5
9	Usefulness of extracorporeal membrane oxygenation for early cardiac allograft dysfunction. <i>Journal of Heart and Lung Transplantation</i> , 2011 , 30, 783-9	5.8	64
8	Right heart failure and "failure to thrive" after left ventricular assist device: clinical predictors and outcomes. <i>Journal of Heart and Lung Transplantation</i> , 2011 , 30, 888-95	5.8	88
7	Primary graft failure after heart transplantation. <i>Journal of Transplantation</i> , 2011 , 2011, 175768	2.3	79
6	Effect of alteration in pump speed on pump output and left ventricular filling with continuous-flow left ventricular assist device. <i>ASAIO Journal</i> , 2011 , 57, 495-500	3.6	33
5	Differences between beta-blockers in patients with chronic heart failure and chronic obstructive pulmonary disease: a randomized crossover trial. <i>Journal of the American College of Cardiology</i> , 2010 , 55, 1780-7	15.1	108
4	Chronic extra-aortic balloon counterpulsation: first-in-human pilot study in end-stage heart failure. <i>Journal of Heart and Lung Transplantation</i> , 2010 , 29, 1427-32	5.8	27
3	Left ventricular mechanical assist devices and cardiac device interactions: an observational case series. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2009 , 32, 879-87	1.6	50
2	Chronic sildenafil lowers transpulmonary gradient and improves cardiac output allowing successful heart transplantation. <i>European Journal of Heart Failure</i> , 2007 , 9, 674-7	12.3	54
1	Left ventricular chamber function during inhaled nitric oxide in patients with dilated cardiomyopathy. <i>Journal of Cardiovascular Pharmacology</i> , 1999 , 34, 749-54	3.1	9