Christopher Hayward

List of Publications by Citations

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	Integrated allelic, transcriptional, and phenomic dissection of the cardiac effects of titin truncations in health and disease. *Science Translational Medicine*, **2015**, 7, 270ra6	17.5	267
80	Adult heart transplantation with distant procurement and ex-vivo preservation of donor hearts after circulatory death: a case series. *Lancet, The*, **2015**, 385, 2585-91	40	231
79	Differences between beta-blockers in patients with chronic heart failure and chronic obstructive pulmonary disease: a randomized crossover trial. *Journal of the American College of Cardiology*, **2010**, 55, 1780-7	15.1	108
78	The Prevalence and Prognostic Significance of Frailty in Patients With Advanced Heart Failure Referred for Heart Transplantation. *Transplantation*, **2016**, 100, 429-36	1.8	96
77	Right heart failure and "failure to thrive" after left ventricular assist device: clinical predictors and outcomes. *Journal of Heart and Lung Transplantation*, **2011**, 30, 888-95	5.8	88
76	Primary graft failure after heart transplantation. *Journal of Transplantation*, **2011**, 2011, 175768	2.3	79
75	One-Year Outcomes After Transcatheter Insertion of an Interatrial Shunt Device for the Management of Heart Failure With Preserved Ejection Fraction. *Circulation: Heart Failure*, **2016**, 9,	7.6	78
74	Cognitive impairment improves the predictive validity of physical frailty for mortality in patients with advanced heart failure referred for heart transplantation. *Journal of Heart and Lung Transplantation*, **2016**, 35, 1092-100	5.8	65
73	Usefulness of extracorporeal membrane oxygenation for early cardiac allograft dysfunction. *Journal of Heart and Lung Transplantation*, **2011**, 30, 783-9	5.8	64
72	Identification and Management of Pump Thrombus in the HeartWare Left Ventricular Assist Device System: A Novel Approach Using Log File Analysis. *JACC: Heart Failure*, **2015**, 3, 849-56	7.9	62
71	Long-term biventricular HeartWare ventricular assist device support--Case series of right atrial and right ventricular implantation outcomes. *Journal of Heart and Lung Transplantation*, **2016**, 35, 466-73	5.8	56
70	Chronic sildenafil lowers transpulmonary gradient and improves cardiac output allowing successful heart transplantation. *European Journal of Heart Failure*, **2007**, 9, 674-7	12.3	54
69	Left ventricular mechanical assist devices and cardiac device interactions: an observational case series. *PACE - Pacing and Clinical Electrophysiology*, **2009**, 32, 879-87	1.6	50
68	Reversibility of Frailty After Bridge-to-Transplant Ventricular Assist Device Implantation or Heart Transplantation. *Transplantation Direct*, **2017**, 3, e167	2.3	49
67	Epidemiology of infection in mechanical circulatory support: A global analysis from the ISHLT Mechanically Assisted Circulatory Support Registry. *Journal of Heart and Lung Transplantation*, **2019**, 38, 364-373	5.8	39
66	Normalisation of haemodynamics in patients with end-stage heart failure with continuous-flow left ventricular assist device therapy. *Heart Lung and Circulation*, **2014**, 23, 963-9	1.8	35
65	Effect of exercise and pump speed modulation on invasive hemodynamics in patients with centrifugal continuous-flow left ventricular assist devices. *Journal of Heart and Lung Transplantation*, **2015**, 34, 522-9	5.8	34

64	Effect of alteration in pump speed on pump output and left ventricular filling with continuous-flow left ventricular assist device. *ASAIO Journal*, **2011**, 57, 495-500	3.6	33
63	Exercise studies in patients with rotary blood pumps: cause, effects, and implications for starling-like control of changes in pump flow. *Artificial Organs*, **2013**, 37, 695-703	2.6	32
62	Body position and activity, but not heart rate, affect pump flows in patients with continuous-flow left ventricular assist devices. *JACC: Heart Failure*, **2014**, 2, 323-30	7.9	31
61	Thrombolysis for suspected intrapump thrombosis in patients with continuous flow centrifugal left ventricular assist device. *Artificial Organs*, **2013**, 37, 313-8	2.6	30
60	Can medications be safely withdrawn in patients with stable chronic heart failure? systematic review and meta-analysis. *Journal of Cardiac Failure*, **2014**, 20, 522-32	3.3	28
59	Chronic extra-aortic balloon counterpulsation: first-in-human pilot study in end-stage heart failure. *Journal of Heart and Lung Transplantation*, **2010**, 29, 1427-32	5.8	27
58	Longitudinal changes in hemostatic parameters and reduced pulsatility contribute to non-surgical bleeding in patients with centrifugal continuous-flow left ventricular assist devices. *Journal of Heart and Lung Transplantation*, **2016**, 35, 743-51	5.8	26
57	Impact of Implantable Cardioverter Defibrillators on Survival of Patients with Centrifugal Left Ventricular Assist Devices. *PACE - Pacing and Clinical Electrophysiology*, **2015**, 38, 925-33	1.6	26
56	A gene-centric strategy for identifying disease-causing rare variants in dilated cardiomyopathy. *Genetics in Medicine*, **2019**, 21, 133-143	8.1	20
55	Interaction between physical activity and continuous-flow left ventricular assist device function in outpatients. *Journal of Cardiac Failure*, **2013**, 19, 169-75	3.3	19
54	Native T Mapping in the Diagnosis of Cardiac Allograft Rejection: A Prospective Histologically Validated Study. *JACC: Cardiovascular Imaging*, **2019**, 12, 1618-1628	8.4	19
53	Comparison of continuous-flow ventricular assist device therapy with intensive medical therapy in fixed pulmonary hypertension secondary to advanced left heart failure. *ESC Heart Failure*, **2018**, 5, 695-702	3.7	18
52	Ambulatory extra-aortic counterpulsation in patients with moderate to severe chronic heart failure. *JACC: Heart Failure*, **2014**, 2, 526-33	7.9	17
51	A novel method of blood pressure measurement in patients with continuous-flow left ventricular assist devices. *Journal of Heart and Lung Transplantation*, **2014**, 33, 1183-6	5.8	15
50	Longitudinal structural, functional, and cellular myocardial alterations with chronic centrifugal continuous-flow left ventricular assist device support. *Journal of Heart and Lung Transplantation*, **2017**, 36, 722-731	5.8	14
49	Pump Speed Waveform Analysis to Detect Aortic Valve Opening in Patients on Ventricular Assist Device Support. *Artificial Organs*, **2015**, 39, 704-9	2.6	14
48	Six-minute walk distance predicts VO□(max) in patients supported with continuous flow left ventricular assist devices. *International Journal of Artificial Organs*, **2014**, 37, 539-45	1.9	14
47	Increased incidence of angiodysplasia of the gastrointestinal tract and bleeding in patients with continuous flow left ventricular assist devices (LVADs). *International Journal of Artificial Organs*, **2013**, 36, 449-54	1.9	13

46	Improved heart function from older donors using pharmacologic conditioning strategies. *Journal of Heart and Lung Transplantation*, **2016**, 35, 636-46	5.8	13
45	Exercise physiology in chronic mechanical circulatory support patients: vascular function and beyond. *Current Opinion in Cardiology*, **2016**, 31, 292-8	2.1	11
44	COVID-19 and Acute Heart Failure: Screening the Critically Ill - A Position Statement of the Cardiac Society of Australia and New Zealand (CSANZ). *Heart Lung and Circulation*, **2020**, 29, e94-e98	1.8	10
43	Assessment of Predictors of Left Atrial Volume Response to a Transcatheter InterAtrial Shunt Device (from the REDUCE LAP-HF Trial). *American Journal of Cardiology*, **2019**, 124, 1912-1917	3	10
42	Impact of left ventricular assist device speed adjustment on exercise tolerance and markers of wall stress. *International Journal of Artificial Organs*, **2015**, 38, 501-7	1.9	9
41	Left ventricular chamber function during inhaled nitric oxide in patients with dilated cardiomyopathy. *Journal of Cardiovascular Pharmacology*, **1999**, 34, 749-54	3.1	9
40	The impact of frailty on mortality after heart transplantation. *Journal of Heart and Lung Transplantation*, **2021**, 40, 87-94	5.8	8
39	Outcomes of venopulmonary arterial extracorporeal life support as temporary right ventricular support after left ventricular assist implantation. *Journal of Thoracic and Cardiovascular Surgery*, **2018**, 156, 2143-2152	1.5	7
38	Estimation of left ventricular assist device pre-load using pump flow waveform analysis. *Journal of Heart and Lung Transplantation*, **2017**, 36, 240-242	5.8	7
37	Beat-to-beat detection of aortic valve opening in HeartWare left ventricular assist device patients. *Artificial Organs*, **2019**, 43, 458-466	2.6	7
36	Latent Pulmonary Vascular Disease May Alter the Response to Therapeutic Atrial Shunt Device in Heart Failure.. *Circulation*, **2022**,	16.7	7
35	Right Ventricular Failure Post LVAD Implantation Corrected with Biventricular Support: An In Vitro Model. *ASAIO Journal*, **2017**, 63, 41-47	3.6	6
34	Size and Gender Matching in Heart Transplantation Optimizing Donor Utilization in an Era of Changing Donor and Recipient Characteristics. *Current Transplantation Reports*, **2014**, 1, 266-272	1.5	6
33	Impact of Pump Speed on Hemodynamics With Exercise in Continuous Flow Ventricular Assist Device Patients. *ASAIO Journal*, **2020**, 66, 132-138	3.6	6
32	Biventricular mechanical support devices--clinical perspectives. *Expert Review of Medical Devices*, **2016**, 13, 353-65	3.5	5
31	Choosing Between Left Ventricular Assist Devices and Biventricular Assist Devices. *Cardiac Failure Review*, **2019**, 5, 19-23	4.2	5
30	The Evolution of Ventricular Assist Devices and the HeartWare Ventricular Assist System. *European Cardiology Review*, **2012**, 8, 32	3.9	5
29	Dynamic flow responses to expiratory maneuvers in left ventricular assist device patients. *Journal of Heart and Lung Transplantation*, **2019**, 38, 669-674	5.8	4

28	Pulsatile Conduit Pressure Gradients in the HeartWare HVAD. *ASAIO Journal*, **2019**, 65, 489-494	3.6	4
27	Left Ventricular Device Implantation Impacts on Hospitalisation Rates, Length of Stay and Out of Hospital Time. *Heart Lung and Circulation*, **2018**, 27, 708-715	1.8	4
26	First Evaluation of Acute Left Ventricular Response to Off-Pump Transcatheter Mitral Valve Replacement in High-Risk Patients. *JACC: Cardiovascular Interventions*, **2018**, 11, 2239-2240	5	4
25	Ageing, Hypertension and Aortic Valve Stenosis: A Conscious Uncoupling. *Heart Lung and Circulation*, **2021**, 30, 1627-1636	1.8	4
24	Ventricular-Vascular Coupling Ratio Is the Ejection Fraction in Disguise. *Journal of the American Society of Echocardiography*, **2019**, 32, 791	5.8	3
23	Death on an LVAD-Two sides of a coin. *Heart Lung and Circulation*, **2013**, 22, 952-4	1.8	3
22	Measurement of thirst in chronic heart failure □A review. *Contemporary Nurse*, **2014**, 48, 2-9	1.5	3
21	Survival After an Acute Heart Failure Admission. Twelve-Month Outcomes From the NSW HF Snapshot Study. *Heart Lung and Circulation*, **2020**, 29, 1032-1038	1.8	3
20	Characterization of infected, explanted ventricular assist device drivelines: The role of biofilms and microgaps in the driveline tunnel. *Journal of Heart and Lung Transplantation*, **2020**, 39, 1289-1299	5.8	3
19	Everolimus for the Prevention of Calcineurin-Inhibitor-Induced Left Ventricular Hypertrophy After Heart Transplantation (RADTAC Study). *JACC: Heart Failure*, **2021**, 9, 301-313	7.9	3
18	Why is There Discordance between the Reimbursement of High-Cost ℣ife-Extending℣ Pharmaceuticals and Medical Devices? The Funding of Ventricular Assist Devices in Australia. *Applied Health Economics and Health Policy*, **2019**, 17, 421-431	3.4	2
17	Derivation of indices of left ventricular contractility in the setting of continuous-flow left ventricular assist device support. *Artificial Organs*, **2014**, 38, 1029-34	2.6	2
16	COMBINING INSTITUTIONAL AND ADMINISTRATIVE DATA TO ASSESS HOSPITAL COSTS FOR PATIENTS RECEIVING VENTRICULAR ASSIST DEVICES. *International Journal of Technology Assessment in Health Care*, **2018**, 34, 555-566	1.8	2
15	Anatomical human fitting of the BiVACOR total artificial heart. *Artificial Organs*, **2021**,	2.6	2
14	Afterload Sensitivity of Continuous-Flow Left Ventricular Assist Devices and Abolition of Frank-Starling Forces Under Strain. *Circulation: Heart Failure*, **2020**, 13, e006787	7.6	1
13	In□vivo tissue reaction within the outflow conduit in patients supported by HeartWare HVAD. *Cardiovascular Pathology*, **2020**, 44, 107156	3.8	1
12	Is it safe to irradiate the newest generation of ventricular assist devices? A case report and systematic literature review. *Artificial Organs*, **2020**, 44, 449-456	2.6	1
11	Left Ventricular Ejection Fraction Under Continuous-Flow Mechanical Support. *Circulation: Heart Failure*, **2020**, 13, e007427	7.6	1

10	The use of eculizumab as a bridge to retransplantation for chronic antibody-mediated rejection in a heart transplant recipient: a case report. *European Heart Journal - Case Reports*, **2021**, 5, ytab180	0.9	1
9	Phenotyping of Stable Left Ventricular Assist Device Patients Using Noninvasive Pump Flow Responses to Acute Loading Transients. *Journal of Cardiac Failure*, **2021**, 27, 642-650	3.3	1
8	Spontaneous Oscillatory Left Ventricular-Aortic Uncoupling Under Continuous-Flow Left Ventricular Assist Device Support. *Circulation: Heart Failure*, **2021**, 14, e007658	7.6	1
7	The Future of Mechanical Circulatory Support. *Circulation: Heart Failure*, **2021**, 14, e008861	7.6	1
6	Alarms and Their Outcomes in Left Ventricular Assist Device Patients. *ASAIO Journal*, **2021**, 67, 1284-1293	3.6	0
5	How well do we understand pulsatility in the context of modern ventricular assist devices?. *International Journal of Artificial Organs*, **2021**, 44, 923-929	1.9	0
4	The use of direct oral anticoagulants in patients with ventricular assist devices: Is there hope for Factor Xa inhibition?. *Artificial Organs*, **2021**, 45, E123-E129	2.6	0
3	Medical management of the supported patient **2018**, 529-564		
2	Ex Vivo Assessment of Different Oral Anticoagulant Regimens on Pump Thrombosis in a HeartWare Ventricular Assist Device. *Circulation: Heart Failure*, **2021**, 14, e007231	7.6	
1	Costs Before and After Left Ventricular Assist Device Implant and Preceding Heart Transplant: A Cohort Study. *Heart Lung and Circulation*, **2020**, 29, 1338-1346	1.8	