

# Keith D Aaronson

## List of Publications by Year in descending order

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Version: 2024-02-01

86  
papers

6,561  
citations

126858

33  
h-index

62565

80  
g-index

89  
all docs

89  
docs citations

89  
times ranked

4633  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development and Prospective Validation of a Clinical Index to Predict Survival in Ambulatory Patients Referred for Cardiac Transplant Evaluation. <i>Circulation</i> , 1997, 95, 2660-2667.	1.6	988
2	A Fully Magnetically Levitated Left Ventricular Assist Device â€” Final Report. <i>New England Journal of Medicine</i> , 2019, 380, 1618-1627.	13.9	837
3	Intrapericardial Left Ventricular Assist Device for Advanced Heart Failure. <i>New England Journal of Medicine</i> , 2017, 376, 451-460.	13.9	628
4	A Fully Magnetically Levitated Circulatory Pump for Advanced Heart Failure. <i>New England Journal of Medicine</i> , 2017, 376, 440-450.	13.9	618
5	Use of an Intrapericardial, Continuous-Flow, Centrifugal Pump in Patients Awaiting Heart Transplantation. <i>Circulation</i> , 2012, 125, 3191-3200.	1.6	612
6	HeartWare ventricular assist system for bridge to transplant: Combined results of the bridge to transplant and continued access protocol trial. <i>Journal of Heart and Lung Transplantation</i> , 2013, 32, 675-683.	0.3	330
7	HVAD: The ENDURANCE Supplemental Trial. <i>JACC: Heart Failure</i> , 2018, 6, 792-802.	1.9	185
8	Peak V <sub>1</sub> <sc> <sub>2</sub>. <i>Circulation</i> , 2000, 101, 1080-1082.	1.6	147
9	Hemolysis: A harbinger of adverse outcome after left ventricular assist device implant. <i>Journal of Heart and Lung Transplantation</i> , 2014, 33, 35-43.	0.3	139
10	Gastrointestinal bleeding and subsequent risk of thromboembolic events during support with a left ventricular assist device. <i>Journal of Heart and Lung Transplantation</i> , 2014, 33, 60-64.	0.3	133
11	Adverse events in contemporary continuous-flow left ventricular assist devices: A multi-institutional comparison shows significant differences. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 151, 177-189.	0.4	120
12	Diagnosis of hemolysis and device thrombosis with lactate dehydrogenase during left ventricular assist device support. <i>Journal of Heart and Lung Transplantation</i> , 2014, 33, 102-104.	0.3	116
13	Left Ventricular Assist Devices as Permanent Heart Failure Therapy. <i>Annals of Surgery</i> , 2003, 238, 577-585.	2.1	102
14	Drive-line infections and sepsis in patients receiving the HVAD system as a left ventricular assist device. <i>Journal of Heart and Lung Transplantation</i> , 2014, 33, 1066-1073.	0.3	91
15	Identification and Management of Pump Thrombus in the HeartWare Left Ventricular Assist Device System. <i>JACC: Heart Failure</i> , 2015, 3, 849-856.	1.9	77
16	Gastrointestinal Bleeding in Recipients of the HeartWare Ventricular Assist System. <i>JACC: Heart Failure</i> , 2015, 3, 303-313.	1.9	74
17	Quality of life and functional capacity outcomes in the MOMENTUM 3 trial at 6 months: A call for new metrics for left ventricular assist device patients. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 15-24.	0.3	69
18	The NHLBI REVIVE-IT study: Understanding its discontinuation in the context of current left ventricular assist device therapy. <i>Journal of Heart and Lung Transplantation</i> , 2016, 35, 1277-1283.	0.3	67

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19	COVID-19 Outcomes Among Solid Organ Transplant Recipients: A Case-control Study. <i>Transplantation</i> , 2021, 105, 128-137.	0.5	62
20	Left Lateral Thoracotomy for Centrifugal Continuous-Flow Left Ventricular Assist Device Placement: An Analysis from the Mechanical Circulatory Support Research Network. <i>ASAIO Journal</i> , 2018, 64, 715-720.	0.9	61
21	INTERMACS profiles and modifiers: Heterogeneity of patient classification and the impact of modifiers on predicting patient outcome. <i>Journal of Heart and Lung Transplantation</i> , 2016, 35, 440-448.	0.3	57
22	Diagnostic Accuracy of FDG PET/CT in Suspected LVAD Infections. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 1191-1202.	2.3	55
23	Impact of Center Left Ventricular Assist Device Volume on Outcomes After Implantation. <i>JACC: Heart Failure</i> , 2017, 5, 691-699.	1.9	54
24	Treatment of device thrombus in the HeartWare HVAD: Success and outcomes depend significantly on the initial treatment strategy. <i>Journal of Heart and Lung Transplantation</i> , 2015, 34, 1535-1541.	0.3	53
25	Coupling of Hemodynamic Measurements With Oxygen Consumption During Exercise Does Not Improve Risk Stratification in Patients With Heart Failure. <i>Circulation</i> , 1996, 94, 2492-2496.	1.6	52
26	A multi-institutional outcome analysis of patients undergoing left ventricular assist device implantation stratified by sex and race. <i>Journal of Heart and Lung Transplantation</i> , 2017, 36, 64-70.	0.3	45
27	Outcomes of Patients Receiving Temporary Circulatory Support Before Durable Ventricular Assist Device. <i>Annals of Thoracic Surgery</i> , 2017, 103, 106-112.	0.7	44
28	Delayed sternal closure does not increase late infection risk in patients undergoing left ventricular assist device implantation. <i>Journal of Heart and Lung Transplantation</i> , 2012, 31, 1115-1119.	0.3	43
29	Changes in the United States Adult Heart Allocation Policy. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2020, 13, e005795.	0.9	43
30	An examination of survival by sex and race in the HeartWare Ventricular Assist Device for the Treatment of Advanced Heart Failure (ADVANCE) Bridge to Transplant (BTT) and continued access protocol trials. <i>Journal of Heart and Lung Transplantation</i> , 2015, 34, 815-824.	0.3	41
31	Stroke Incidence and Impact of Continuous-Flow Left Ventricular Assist Devices on Cerebrovascular Physiology. <i>Stroke</i> , 2019, 50, 542-548.	1.0	39
32	INTERMACS profiles and outcomes of ambulatory advanced heart failure patients: A report from the REVIVAL Registry. <i>Journal of Heart and Lung Transplantation</i> , 2020, 39, 16-26.	0.3	38
33	Prevention of Percutaneous Driveline Infection After Left Ventricular Assist Device Implantation. <i>ASAIO Journal</i> , 2013, 59, 570-574.	0.9	35
34	Clinical Outcomes After Implantation of a Centrifugal Flow Left Ventricular Assist Device and Concurrent Cardiac Valve Procedures. <i>Circulation</i> , 2014, 130, S3-11.	1.6	35
35	Interaction Study between Digoxin and a Preparation of Hawthorn ( <i>Crataegus oxyacantha</i> ). <i>Journal of Clinical Pharmacology</i> , 2003, 43, 637-642.	1.0	30
36	Prevalence and Cumulative Risk of Familial Idiopathic Dilated Cardiomyopathy. <i>JAMA - Journal of the American Medical Association</i> , 2022, 327, 454.	3.8	28

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37	Predictive Value of Cardiopulmonary Exercise Testing Parameters in Ambulatory Advanced Heart Failure. <i>JACC: Heart Failure</i> , 2021, 9, 226-236.	1.9	26
38	Right ventricular function and residual mitral regurgitation after left ventricular assist device implantation determines the incidence of right heart failure. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 897-905.e4.	0.4	24
39	Right ventricular failure following left ventricular assist device implantation is associated with a preoperative pro-inflammatory response. <i>Journal of Cardiothoracic Surgery</i> , 2019, 14, 80.	0.4	17
40	Coronavirus Disease 2019 (COVID-19) Clinical Trial Oversight at a Major Academic Medical Center: Approach of Michigan Medicine. <i>Clinical Infectious Diseases</i> , 2020, 71, 2187-2190.	2.9	16
41	A challenge to equity in transplantation: Increased center-level variation in short-term mechanical circulatory support use in the context of the updated U.S. heart transplant allocation policy. <i>Journal of Heart and Lung Transplantation</i> , 2022, 41, 95-103.	0.3	16
42	Quality of life and treatment preference for ventricular assist device therapy in ambulatory advanced heart failure: A report from the REVIVAL study. <i>Journal of Heart and Lung Transplantation</i> , 2020, 39, 27-36.	0.3	15
43	Changes in Type of Temporary Mechanical Support Device Use Under the New Heart Allocation Policy. <i>Circulation</i> , 2020, 142, 1602-1604.	1.6	15
44	Ambulatory Advanced Heart Failure in Women. <i>JACC: Heart Failure</i> , 2019, 7, 602-611.	1.9	14
45	Vitamin D Receptor Genetics on Extracellular Matrix Biomarkers and Hemodynamics in Systolic Heart Failure. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2014, 19, 439-445.	1.0	13
46	Linkage of Medicare Records to the Interagency Registry of Mechanically Assisted Circulatory Support. <i>Annals of Thoracic Surgery</i> , 2018, 105, 1397-1402.	0.7	13
47	Registry Evaluation of Vital Information for VADs in Ambulatory Life (REVIVAL): Rationale, design, baseline characteristics, and inclusion criteria performance. <i>Journal of Heart and Lung Transplantation</i> , 2020, 39, 7-15.	0.3	13
48	Patients Awaiting Heart Transplantation on HVAD Support for Greater Than 2 Years. <i>ASAIO Journal</i> , 2016, 62, 384-389.	0.9	12
49	Statin intensity and risk for cardiovascular events after heart transplantation. <i>ESC Heart Failure</i> , 2020, 7, 2074-2081.	1.4	12
50	Center Variation in Medicare Spending for Durable Left Ventricular Assist Device Implant Hospitalizations. <i>JAMA Cardiology</i> , 2019, 4, 153.	3.0	11
51	Assessment of Mortality Among Durable Left Ventricular Assist Device Recipients Ineligible for Clinical Trials. <i>JAMA Network Open</i> , 2021, 4, e2032865.	2.8	11
52	The prognostic value of positron emission tomography in the evaluation of suspected cardiac sarcoidosis. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 2460-2470.	1.4	11
53	Association of Donor Tricuspid Valve Repair With Outcomes After Cardiac Transplantation. <i>Annals of Thoracic Surgery</i> , 2018, 105, 542-547.	0.7	10
54	Interhospital variability in health care-associated infections and payments after durable ventricular assist device implant among Medicare beneficiaries. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 164, 1561-1568.	0.4	10

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55	Patient factors associated with left ventricular assist device infections: A scoping review. <i>Journal of Heart and Lung Transplantation</i> , 2022, 41, 425-433.	0.3	10
56	Impact of Socioeconomic Factors on Patient Desire for Early LVAD Therapy Prior to Inotrope Dependence. <i>Journal of Cardiac Failure</i> , 2020, 26, 316-323.	0.7	9
57	Histidine-Tryptophan-Ketoglutarate Solution for Donor Heart Preservation Is Safe for Transplantation. <i>Annals of Thoracic Surgery</i> , 2020, 109, 763-770.	0.7	8
58	Non-patient factors associated with infections in LVAD recipients: A scoping review. <i>Journal of Heart and Lung Transplantation</i> , 2022, 41, 1-16.	0.3	8
59	Identifying Stage D Heart Failure: Data From the Most Recent Registries. <i>Current Heart Failure Reports</i> , 2019, 16, 130-139.	1.3	7
60	Cluster analysis of preoperative echocardiographic findings and outcomes following left ventricular device implantation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 1851-1860.e1.	0.4	7
61	Comorbid Conditions and Health-Related Quality of Life in Ambulatory Heart Failure Patients. <i>Circulation: Heart Failure</i> , 2020, 13, e006858.	1.6	7
62	Durable mechanical circulatory support device use in the United States by geographic region and minority status. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 161, 123-133.e13.	0.4	7
63	Mortality following durable left ventricular assist device implantation by timing and type of first infection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2023, 166, 570-579.e4.	0.4	7
64	Advancing Quality Metrics for Durable Left Ventricular Assist Device Implant: Analysis of the Society of Thoracic Surgeons Intermacs Database. <i>Annals of Thoracic Surgery</i> , 2022, , .	0.7	7
65	Aortic Valve Repair Versus Replacement Associated With Durable Left Ventricular Assist Devices. <i>Annals of Thoracic Surgery</i> , 2020, 110, 1259-1264.	0.7	6
66	Utility of routine evaluations for rejection in patients greater than 2 years after heart transplantation. <i>ESC Heart Failure</i> , 2020, 7, 1809-1816.	1.4	6
67	Caregiver Health-Related Quality of Life, Burden, and Patient Outcomes in Ambulatory Advanced Heart Failure: A Report From REVIVAL. <i>Journal of the American Heart Association</i> , 2021, 10, e019901.	1.6	6
68	Left Ventricular Assist Device Implantation in Patients with Preoperative Severe Mitral Regurgitation. <i>ASAIO Journal</i> , 2021, 67, 1139-1147.	0.9	5
69	Understanding and Addressing Variation in Health Care-Associated Infections After Durable Ventricular Assist Device Therapy: Protocol for a Mixed Methods Study. <i>JMIR Research Protocols</i> , 2020, 9, e14701.	0.5	5
70	Frailty Measures of Patient-reported Activity and Fatigue May Predict 1-year Outcomes in Ambulatory Advanced Heart Failure: A Report From the REVIVAL Registry. <i>Journal of Cardiac Failure</i> , 2022, 28, 765-774.	0.7	5
71	Determining Optimal donor heart ischemic times in adult cardiac transplantation. <i>Journal of Cardiac Surgery</i> , 2022, 37, 2042-2050.	0.3	5
72	Safety of regadenoson positron emission tomography stress testing in orthotopic heart transplant patients. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 943-948.	1.4	4

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73	The Future of Mechanical Circulatory Support. <i>Circulation: Heart Failure</i> , 2021, 14, e008861.	1.6	4
74	An early relook identifies high-risk trajectories in ambulatory advanced heart failure. <i>Journal of Heart and Lung Transplantation</i> , 2022, 41, 104-112.	0.3	4
75	Mitral regurgitation severity at left ventricular assist device implantation is associated with distinct myocardial transcriptomic signatures. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2023, 166, 141-152.e1.	0.4	4
76	Generalizability of Trial Data to Real-World Practice: An Analysis of The Society of Thoracic Surgeons Intermacs Database. <i>Annals of Thoracic Surgery</i> , 2022, 114, 1307-1317.	0.7	4
77	Failure to rescue: A candidate quality metric for durable left ventricular assist device implantation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2023, 165, 2114-2123.e5.	0.4	4
78	Temporal Differences in Outcomes During Long-Term Mechanical Circulatory Support. <i>Journal of Cardiac Failure</i> , 2017, 23, 852-858.	0.7	3
79	Fate of preoperative moderate mitral regurgitation following left ventricular assist device implantation. <i>Journal of Cardiac Surgery</i> , 2021, 36, 1843-1849.	0.3	3
80	Adverse Effects of Delayed Transplant Listing Among Patients With Implantable Left Ventricular Assist Devices. <i>Journal of Cardiac Failure</i> , 2018, 24, 243-248.	0.7	2
81	Detection of Low Cardiac Index Using a Polyvinylidene Fluoride-Based Wearable Ring and Convolutional Neural Networks. <i>IEEE Sensors Journal</i> , 2021, 21, 14281-14289.	2.4	2
82	Rescuing the Right Ventricle: A Conceptual Framework to Target New Interventions for Patients Receiving a Durable Left Ventricular Assist Device Therapy. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, , .	0.4	2
83	Incompleteness of Health-Related Quality of Life Assessments Before Left Ventricular Assist Device Implant: A Novel Quality Metric. <i>Journal of Heart and Lung Transplantation</i> , 2022, , .	0.3	2
84	Using a Fuzzy Neural Network in Clinical Decision Support for Patients with Advanced Heart Failure. , 2019, , .		1
85	Abstract 17088: Role of Caregiver Participation in Outcomes for Patients With Advanced Ambulatory Heart Failure: An Analysis of the Revival Registry. <i>Circulation</i> , 2018, 138, .	1.6	0
86	Correction: Understanding and Addressing Variation in Health Care–Associated Infections After Durable Ventricular Assist Device Therapy: Protocol for a Mixed Methods Study. <i>JMIR Research Protocols</i> , 2022, 11, e39663.	0.5	0