

Robert L Kormos

List of Publications by Year in descending order

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Version: 2024-02-01

82
papers

8,831
citations

117453

34
h-index

69108

77
g-index

86
all docs

86
docs citations

86
times ranked

5772
citing authors

#	ARTICLE	IF	CITATIONS
1	Seventh INTERMACS annual report: 15,000 patients and counting. Journal of Heart and Lung Transplantation, 2015, 34, 1495-1504.	0.3	1,227
2	Eighth annual INTERMACS report: Special focus on framing the impact of adverse events. Journal of Heart and Lung Transplantation, 2017, 36, 1080-1086.	0.3	1,049
3	Right ventricular failure in patients with the HeartMate II continuous-flow left ventricular assist device: Incidence, risk factors, and effect on outcomes. Journal of Thoracic and Cardiovascular Surgery, 2010, 139, 1316-1324.	0.4	837
4	Sixth INTERMACS annual report: A 10,000-patient database. Journal of Heart and Lung Transplantation, 2014, 33, 555-564.	0.3	768
5	An analysis of pump thrombus events in patients in the HeartWare ADVANCE bridge to transplant and continued access protocol trial. Journal of Heart and Lung Transplantation, 2014, 33, 23-34.	0.3	421
6	Interagency Registry for Mechanically Assisted Circulatory Support (INTERMACS) analysis of pump thrombosis in the HeartMate II left ventricular assist device. Journal of Heart and Lung Transplantation, 2014, 33, 12-22.	0.3	374
7	The Society of Thoracic Surgeons Intermacs database annual report: Evolving indications, outcomes, and scientific partnerships. Journal of Heart and Lung Transplantation, 2019, 38, 114-126.	0.3	349
8	Working formulation for the standardization of definitions of infections in patients using ventricular assist devices. Journal of Heart and Lung Transplantation, 2011, 30, 375-384.	0.3	332
9	Benefits of a novel percutaneous ventricular assist device for right heart failure: The prospective RECOVER RIGHT study of the Impella RP device. Journal of Heart and Lung Transplantation, 2015, 34, 1549-1560.	0.3	320
10	The Society of Thoracic Surgeons Intermacs Database Annual Report: Evolving Indications, Outcomes, and Scientific Partnerships. Annals of Thoracic Surgery, 2019, 107, 341-353.	0.7	177
11	The HVAD Left Ventricular Assist Device. JACC: Heart Failure, 2015, 3, 818-828.	1.9	167
12	Pump thrombosis in the Thoratec HeartMate II device: An update analysis of the INTERMACS Registry. Journal of Heart and Lung Transplantation, 2015, 34, 1515-1526.	0.3	166
13	The Society of Thoracic Surgeons National Database 2019 Annual Report. Annals of Thoracic Surgery, 2019, 108, 1625-1632.	0.7	130
14	Adverse events in children implanted with ventricular assist devices in the United States: Data from the Pediatric Interagency Registry for Mechanical Circulatory Support (PediMACS). Journal of Heart and Lung Transplantation, 2016, 35, 569-577.	0.3	112
15	Heterogeneous Immediate Effects of Partial Left Ventriculectomy on Cardiac Performance. Circulation, 1998, 97, 839-842.	1.6	102
16	Updated definitions of adverse events for trials and registries of mechanical circulatory support: A consensus statement of the mechanical circulatory support academic research consortium. Journal of Heart and Lung Transplantation, 2020, 39, 735-750.	0.3	101
17	First Annual IMACS Report: A global International Society for Heart and Lung Transplantation Registry for Mechanical Circulatory Support. Journal of Heart and Lung Transplantation, 2016, 35, 407-412.	0.3	98
18	Blood Pressure Control in Continuous Flow Left Ventricular Assist Devices: Efficacy and Impact on Adverse Events. Annals of Thoracic Surgery, 2014, 97, 139-146.	0.7	85

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19	A Bayesian Model to Predict Right Ventricular Failure Following Left Ventricular Assist Device Therapy. JACC: Heart Failure, 2016, 4, 711-721.	1.9	78
20	An Implantable Centrifugal Blood Pump with a Recirculating Purge System (CoolSeal System). Artificial Organs, 1998, 22, 466-474.	1.0	75
21	Implant Strategies Change Over Time and Impact Outcomes. JACC: Heart Failure, 2013, 1, 369-378.	1.9	72
22	Infection after implantation of pulsatile mechanical circulatory support devices. Journal of Thoracic and Cardiovascular Surgery, 2010, 139, 1632-1636.e2.	0.4	67
23	The NHLBI REVIVE-IT study: Understanding its discontinuation in the context of current left ventricular assist device therapy. Journal of Heart and Lung Transplantation, 2016, 35, 1277-1283.	0.3	67
24	Major advantages and critical challenge for the proposed United States heart allocation system. Journal of Heart and Lung Transplantation, 2016, 35, 547-549.	0.3	63
25	Left Ventricular Assist Device Malfunctions. Circulation, 2017, 136, 1714-1725.	1.6	58
26	Outcomes of the First 1300 Adult Heart Transplants in the United States After the Allocation Policy Change. Circulation, 2020, 141, 1662-1664.	1.6	58
27	Controller for an Axial Flow Blood Pump. Artificial Organs, 1996, 20, 618-620.	1.0	53
28	Reliability and construct validity of PROMISA® measures for patients with heart failure who undergo heart transplant. Quality of Life Research, 2015, 24, 2591-2599.	1.5	51
29	Extracorporeal membrane oxygenation support in acute coronary syndromes complicated by cardiogenic shock. Catheterization and Cardiovascular Interventions, 2015, 86, S45-50.	0.7	48
30	Evolution of Late Right Heart Failure With Left Ventricular Assist Devices and Association With Outcomes. Journal of the American College of Cardiology, 2021, 78, 2294-2308.	1.2	48
31	A Bayesian Model to Predict Survival After Left Ventricular Assist Device Implantation. JACC: Heart Failure, 2018, 6, 771-779.	1.9	45
32	Investigation of cytomegalovirus infection as a risk factor for coronary atherosclerosis in the explanted hearts of patients undergoing heart transplantation. Journal of Medical Virology, 1994, 44, 305-309.	2.5	42
33	Longitudinal study of cryptococcosis in adult solid-organ transplant recipients. Transplant International, 2003, 16, 336-340.	0.8	42
34	Preimplant Phosphodiesterase-5 Inhibitor Use Is Associated With Higher Rates of Severe Early Right Heart Failure After Left Ventricular Assist Device Implantation. Circulation: Heart Failure, 2019, 12, e005537.	1.6	38
35	High-speed visualization of disturbed pathlines in axial flow ventricular assist device under pulsatile conditions. Journal of Thoracic and Cardiovascular Surgery, 2015, 150, 938-944.	0.4	34
36	Clinical experience with temporary right ventricular mechanical circulatory support. Journal of Thoracic and Cardiovascular Surgery, 2018, 156, 1885-1891.	0.4	33

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37	Psychosocial outcome six months after heart transplant surgery: A preliminary report. <i>Research in Nursing and Health</i> , 1992, 15, 165-173.	0.8	31
38	Development of the NimbudPittsburgh Axial Flow Left Ventricular Assist System. <i>Artificial Organs</i> , 1997, 21, 602-610.	1.0	31
39	In vitro and in vivo evaluation of a novel integrated wearable artificial lung. <i>Journal of Heart and Lung Transplantation</i> , 2017, 36, 806-811.	0.3	31
40	In Vivo 5 Day Animal Studies of a Compact, Wearable Pumping Artificial Lung. <i>ASAIO Journal</i> , 2019, 65, 94-100.	0.9	24
41	The right heart failure dilemma in the era of left ventricular assist devices. <i>Journal of Heart and Lung Transplantation</i> , 2014, 33, 134-135.	0.3	18
42	Adipose-derived stem cell sheet under an elastic patch improves cardiac function in rats after myocardial infarction. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, e261-e272.	0.4	18
43	Fine Trabecularized Carbon: Ideal Material and Texture for Percutaneous Device System of Permanent Left Ventricular Assist Device. <i>Artificial Organs</i> , 1998, 22, 481-487.	1.0	17
44	Challenges in the development and implementation of a healthcare system based extracorporeal cardiopulmonary resuscitation (ECPR) program for the treatment of out of hospital cardiac arrest. <i>Resuscitation</i> , 2020, 148, 259-265.	1.3	17
45	Substantial Reduction in Driveline Infection Rates With the Modification of Driveline Dressing Protocol. <i>Journal of Cardiac Failure</i> , 2018, 24, 746-752.	0.7	15
46	Aortic Insufficiency After Left Ventricular Assist Device Implantation: Predictors and Outcomes. <i>Annals of Thoracic Surgery</i> , 2020, 110, 836-843.	0.7	15
47	Gender Differences in Mortality After Left Ventricular Assist Device Implant: A Causal Mediation Analysis Approach. <i>ASAIO Journal</i> , 2021, 67, 614-621.	0.9	15
48	Blood biocompatibility analysis in the setting of ventricular assist devices. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2000, 11, 1239-1259.	1.9	14
49	Postoperative outcomes and management strategies for coronary artery disease in patients in need of a lung transplantation. <i>Clinical Transplantation</i> , 2017, 31, e13026.	0.8	14
50	Electromagnetic Interference from Left Ventricular Assist Device (LVAD) Inhibiting the Pacing Function of an Implantable Cardioverter-Defibrillator (ICD) Device. <i>Case Reports in Cardiology</i> , 2018, 2018, 1-4.	0.1	14
51	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
52	High-Resolution Fluorescent Particle Tracking Flow Visualization within an Intraventricular Axial Flow Left Ventricular Assist Device. <i>Artificial Organs</i> , 1996, 20, 534-540.	1.0	12
53	Effect of Pressure-Flow Relationship of Centrifugal Pump on In Vivo Hemodynamics: A Consideration for Design. <i>Artificial Organs</i> , 1998, 22, 399-404.	1.0	12
54	Artificial Lungs: Current Status and Future Directions. <i>Current Transplantation Reports</i> , 2019, 6, 307-315.	0.9	12

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55	Center Variation in Medicare Spending for Durable Left Ventricular Assist Device Implant Hospitalizations. <i>JAMA Cardiology</i> , 2019, 4, 153.	3.0	11
56	Continuously Maintaining Positive Flow Avoids Endocardial Suction of a Rotary Blood Pump with Left Ventricularâ€fBypass. <i>Artificial Organs</i> , 2000, 24, 606-610.	1.0	10
57	Risk Assessment in Patients with a Left Ventricular Assist Device Across INTERMACS Profiles Using Bayesian Analysis. <i>ASAIO Journal</i> , 2019, 65, 436-441.	0.9	10
58	Your Results, Explained: Clarity Provided by Row Percentages Versus Column Percentages. <i>Annals of Thoracic Surgery</i> , 2016, 101, 15-17.	0.7	8
59	A roadmap for evaluating the use and value of durable ventricular assist device therapy. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 146-150.	0.3	8
60	Delineating Pathways to Death by Multisystem Organ Failure in Patients With a Left Ventricular Assist Device. <i>Annals of Thoracic Surgery</i> , 2021, 111, 881-888.	0.7	8
61	Primary Graft Dysfunction in Heart Transplant Recipientsâ€™Risk Factors and Longitudinal Outcomes. <i>ASAIO Journal</i> , 2022, 68, 394-401.	0.9	8
62	Interpreting Neurologic Outcomes in a Changing Trial Design Landscape: An Analysis of HeartWare Left Ventricular Assist Device Using a Hybrid Intention to Treat Population. <i>ASAIO Journal</i> , 2019, 65, 293-296.	0.9	7
63	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
64	Vascular Operations Performed by Cardiothoracic Surgeons: The Society of Thoracic Surgeons Survey. <i>Annals of Thoracic Surgery</i> , 2016, 102, 589-592.	0.7	6
65	Preoperative liver dysfunction influences blood product administration and alterations in circulating haemostatic markers following ventricular assist device implantation. <i>European Journal of Cardio-thoracic Surgery</i> , 2015, 47, 497-504.	0.6	5
66	Understanding and Addressing Variation in Health Careâ€™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
67	Outcomes With Phosphodiesterase-5 Inhibitor Use After Left Ventricular Assist Device: An STS-INTERMACS Analysis. <i>Circulation: Heart Failure</i> , 2022, 15, CIRCHEARTFAILURE121008613.	1.6	5
68	Standardized Ejection Fraction as a Parameter of Overall Ventricular Pump Function. <i>Japanese Circulation Journal</i> , 2000, 64, 510-515.	1.0	4
69	The Role of Diastolic Pump Flow in Centrifugal Blood Pump Hemodynamics. <i>Artificial Organs</i> , 2001, 25, 724-727.	1.0	4
70	Impact of Pre-Existing Mitral Regurgitation Following Left Ventricular Assist Device Implant. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2021, 33, 988-995.	0.4	4
71	Left ventricular assist device pump thrombosis: Understanding mechanisms as a key to causality. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 149, 673-674.	0.4	2
72	Estimation of left ventricular compliance using on-line echocardiographic automated border detection and pressure data. <i>International Journal of Cardiovascular Imaging</i> , 1994, 10, 103-111.	0.2	1

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73	Solutions for right ventricular failure: Innovation driven by need. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 149, 933-934.	0.4	1
74	A case report of extramedullary haematopoiesis within left ventricle myocardium and apical thrombus in acute heart failure: diagnosis, treatment, and long-term outcome. <i>European Heart Journal - Case Reports</i> , 2019, 3, .	0.3	1
75	The impact of centre volume on outcomes of orthotopic heart transplant in older recipients. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2019, 29, 576-582.	0.5	1
76	Severe Dizziness and Syncope After HeartMate 3 Implantation Requiring Pump Exchange. <i>Annals of Thoracic Surgery</i> , 2019, 108, e149-e151.	0.7	1
77	Erythrocyte deformability in patients during left ventricular assistance. <i>Clinical Hemorheology and Microcirculation</i> , 1991, 11, 325-337.	0.9	0
78	Extending the perspective on left ventricular assist device pump thrombosis to left ventricular assist device system thrombosis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, e37-e38.	0.4	0
79	Response by Kormos to Letter Regarding Article, "Left Ventricular Assist Device Malfunctions: It Is More Than Just the Pump". <i>Circulation</i> , 2018, 137, 2300-2301.	1.6	0
80	Maturation of arteriovenous fistulas in patients with ventricular assist devices. <i>Journal of Vascular Access</i> , 2020, 21, 176-179.	0.5	0
81	A comparison of air-cell and gel surgical table pads and an evaluation of the influence of pressure distribution and other factors on pressure injury prevention. <i>Journal of Tissue Viability</i> , 2021, 30, 9-15.	0.9	0
82	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