

Robert L Kormos

List of Publications by Citations

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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.

72
papers

6,746
citations

31
h-index

82
g-index

86
ext. papers

8,054
ext. citations

3.5
avg, IF

5.56
L-index

#	Paper	IF	Citations
72	Seventh INTERMACS annual report: 15,000 patients and counting. <i>Journal of Heart and Lung Transplantation</i> , 2015 , 34, 1495-504	5.8	1000
71	Eighth annual INTERMACS report: Special focus on framing the impact of adverse events. <i>Journal of Heart and Lung Transplantation</i> , 2017 , 36, 1080-1086	5.8	796
70	Right ventricular failure in patients with the HeartMate II continuous-flow left ventricular assist device: incidence, risk factors, and effect on outcomes. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010 , 139, 1316-24	1.5	674
69	Sixth INTERMACS annual report: a 10,000-patient database. <i>Journal of Heart and Lung Transplantation</i> , 2014 , 33, 555-64	5.8	664
68	An analysis of pump thrombus events in patients in the HeartWare ADVANCE bridge to transplant and continued access protocol trial. <i>Journal of Heart and Lung Transplantation</i> , 2014 , 33, 23-34	5.8	333
67	Interagency Registry for Mechanically Assisted Circulatory Support (INTERMACS) analysis of pump thrombosis in the HeartMate II left ventricular assist device. <i>Journal of Heart and Lung Transplantation</i> , 2014 , 33, 12-22	5.8	317
66	Working formulation for the standardization of definitions of infections in patients using ventricular assist devices. <i>Journal of Heart and Lung Transplantation</i> , 2011 , 30, 375-84	5.8	251
65	The Society of Thoracic Surgeons Intermacs database annual report: Evolving indications, outcomes, and scientific partnerships. <i>Journal of Heart and Lung Transplantation</i> , 2019 , 38, 114-126	5.8	230
64	Benefits of a novel percutaneous ventricular assist device for right heart failure: The prospective RECOVER RIGHT study of the Impella RP device. <i>Journal of Heart and Lung Transplantation</i> , 2015 , 34, 1549-60	5.8	226
63	Pump thrombosis in the Thoratec HeartMate II device: An update analysis of the INTERMACS Registry. <i>Journal of Heart and Lung Transplantation</i> , 2015 , 34, 1515-26	5.8	133
62	The Society of Thoracic Surgeons Intermacs Database Annual Report: Evolving Indications, Outcomes, and Scientific Partnerships. <i>Annals of Thoracic Surgery</i> , 2019 , 107, 341-353	2.7	129
61	The HVAD Left Ventricular Assist Device: Risk Factors for Neurological Events and Risk Mitigation Strategies. <i>JACC: Heart Failure</i> , 2015 , 3, 818-28	7.9	123
60	Adverse events in children implanted with ventricular assist devices in the United States: Data from the Pediatric Interagency Registry for Mechanical Circulatory Support (PediMACS). <i>Journal of Heart and Lung Transplantation</i> , 2016 , 35, 569-77	5.8	85
59	Heterogeneous immediate effects of partial left ventriculectomy on cardiac performance. <i>Circulation</i> , 1998 , 97, 839-42	16.7	83
58	First Annual IMACS Report: A global International Society for Heart and Lung Transplantation Registry for Mechanical Circulatory Support. <i>Journal of Heart and Lung Transplantation</i> , 2016 , 35, 407-12	5.8	78
57	Blood pressure control in continuous flow left ventricular assist devices: efficacy and impact on adverse events. <i>Annals of Thoracic Surgery</i> , 2014 , 97, 139-46	2.7	68
56	An implantable centrifugal blood pump with a recirculating purge system (Cool-Seal system). <i>Artificial Organs</i> , 1998 , 22, 466-74	2.6	63

55	A Bayesian Model to Predict Right Ventricular Failure Following Left Ventricular Assist Device Therapy. <i>JACC: Heart Failure</i> , 2016 , 4, 711-21	7.9	60
54	Infection after implantation of pulsatile mechanical circulatory support devices. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010 , 139, 1632-1636.e2	1.5	60
53	Implant strategies change over time and impact outcomes: insights from the INTERMACS (Interagency Registry for Mechanically Assisted Circulatory Support). <i>JACC: Heart Failure</i> , 2013 , 1, 369-78	7.9	56
52	The Society of Thoracic Surgeons National Database 2019 Annual Report. <i>Annals of Thoracic Surgery</i> , 2019 , 108, 1625-1632	2.7	52
51	Controller for an Axial Flow Blood Pump. <i>Artificial Organs</i> , 1996 , 20, 618-620	2.6	44
50	Reliability and construct validity of PROMIS measures for patients with heart failure who undergo heart transplant. <i>Quality of Life Research</i> , 2015 , 24, 2591-9	3.7	42
49	Left Ventricular Assist Device Malfunctions: It Is More Than Just the Pump. <i>Circulation</i> , 2017 , 136, 1714-1725	17.25	41
48	Extracorporeal membrane oxygenation support in acute coronary syndromes complicated by cardiogenic shock. <i>Catheterization and Cardiovascular Interventions</i> , 2015 , 86 Suppl 1, S45-50	2.7	38
47	Major advantages and critical challenge for the proposed United States heart allocation system. <i>Journal of Heart and Lung Transplantation</i> , 2016 , 35, 547-9	5.8	38
46	Longitudinal study of cryptococcosis in adult solid-organ transplant recipients. <i>Transplant International</i> , 2003 , 16, 336-340	3	34
45	Investigation of cytomegalovirus infection as a risk factor for coronary atherosclerosis in the explanted hearts of patients undergoing heart transplantation. <i>Journal of Medical Virology</i> , 1994 , 44, 305-9	19.7	33
44	Outcomes of the First 1300 Adult Heart Transplants in the United States After the Allocation Policy Change. <i>Circulation</i> , 2020 , 141, 1662-1664	16.7	31
43	High-speed visualization of disturbed pathlines in axial flow ventricular assist device under pulsatile conditions. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015 , 150, 938-44	1.5	28
42	Psychosocial outcome six months after heart transplant surgery: a preliminary report. <i>Research in Nursing and Health</i> , 1992 , 15, 165-73	2	28
41	Development of the Nimbus/Pittsburgh axial flow left ventricular assist system. <i>Artificial Organs</i> , 1997 , 21, 602-10	2.6	26
40	A Bayesian Model to Predict Survival After Left Ventricular Assist Device Implantation. <i>JACC: Heart Failure</i> , 2018 , 6, 771-779	7.9	24
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	5.8	23
38	Preimplant Phosphodiesterase-5 Inhibitor Use Is Associated With Higher Rates of Severe Early Right Heart Failure After Left Ventricular Assist Device Implantation. <i>Circulation: Heart Failure</i> , 2019 , 12, e005537	7.6	21

37	In Vivo 5 Day Animal Studies of a Compact, Wearable Pumping Artificial Lung. <i>ASAIO Journal</i> , 2019 , 65, 94-100	3.6	17
36	Fine trabecularized carbon: ideal material and texture for percutaneous device system of permanent left ventricular assist device. <i>Artificial Organs</i> , 1998 , 22, 481-7	2.6	16
35	Clinical experience with temporary right ventricular mechanical circulatory support. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 156, 1885-1891	1.5	14
34	Blood biocompatibility analysis in the setting of ventricular assist devices. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2000 , 11, 1239-59	3.5	13
33	Effect of pressure-flow relationship of centrifugal pump on in vivo hemodynamics: a consideration for design. <i>Artificial Organs</i> , 1998 , 22, 399-404	2.6	12
32	High-Resolution Fluorescent Particle-Tracking Flow Visualization within an Intraventricular Axial Flow Left Ventricular Assist Device. <i>Artificial Organs</i> , 1996 , 20, 534-540	2.6	11
31	Linkage of Medicare Records to the Interagency Registry of Mechanically Assisted Circulatory Support. <i>Annals of Thoracic Surgery</i> , 2018 , 105, 1397-1402	2.7	10
30	Continuously maintaining positive flow avoids endocardial suction of a rotary blood pump with left ventricular bypass. <i>Artificial Organs</i> , 2000 , 24, 606-10	2.6	10
29	Substantial Reduction in Driveline Infection Rates With the Modification of Driveline Dressing Protocol. <i>Journal of Cardiac Failure</i> , 2018 , 24, 746-752	3.3	9
28	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> , 2020 ,	1.5	9
27	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, 6195045	0.6	9
26	Evolution of Late Right Heart Failure With Left Ventricular Assist Devices and Association With Outcomes. <i>Journal of the American College of Cardiology</i> , 2021 , 78, 2294-2308	15.1	8
25	Artificial Lungs: Current Status and Future Directions. <i>Current Transplantation Reports</i> , 2019 , 6, 307-315	1.5	7
24	Postoperative outcomes and management strategies for coronary artery disease in patients in need of a lung transplantation. <i>Clinical Transplantation</i> , 2017 , 31, e13026	3.8	7
23	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	4	7
22	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	3.6	7
21	Gender Differences in Mortality After Left Ventricular Assist Device Implant: A Causal Mediation Analysis Approach. <i>ASAIO Journal</i> , 2021 , 67, 614-621	3.6	6
20	Vascular Operations Performed by Cardiothoracic Surgeons: The Society of Thoracic Surgeons Survey. <i>Annals of Thoracic Surgery</i> , 2016 , 102, 589-92	2.7	6

19	Center Variation in Medicare Spending for Durable Left Ventricular Assist Device Implant Hospitalizations. <i>JAMA Cardiology</i> , 2019 , 4, 153-160	16.2	5
18	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	3	5
17	Standardized ejection fraction as a parameter of overall ventricular pump function. <i>Japanese Circulation Journal</i> , 2000 , 64, 510-5		4
16	Aortic Insufficiency After Left Ventricular Assist Device Implantation: Predictors and Outcomes. <i>Annals of Thoracic Surgery</i> , 2020 , 110, 836-843	2.7	4
15	Durable mechanical circulatory support device use in the United States by geographic region and minority status. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 ,	1.5	4
14	The role of diastolic pump flow in centrifugal blood pump hemodynamics. <i>Artificial Organs</i> , 2001 , 25, 724-7	2.6	3
13	Risk Assessment in Patients with a Left Ventricular Assist Device Across INTERMACS Profiles Using Bayesian Analysis. <i>ASAIO Journal</i> , 2019 , 65, 436-441	3.6	3
12	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	2.7	3
11	Your Results, Explained: Clarity Provided by Row Percentages Versus Column Percentages. <i>Annals of Thoracic Surgery</i> , 2016 , 101, 15-7	2.7	2
10	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	1.8	1
9	Estimation of left ventricular compliance using on-line echocardiographic automated border detection and pressure data. <i>International Journal of Cardiovascular Imaging</i> , 1994 , 10, 103-11		1
8	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	2	1
7	Impact of Pre-Existing Mitral Regurgitation Following Left Ventricular Assist Device Implant. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2021 , 33, 988-995	1.7	1
6	Severe Dizziness and Syncope After HeartMate 3 Implantation Requiring Pump Exchange. <i>Annals of Thoracic Surgery</i> , 2019 , 108, e149-e151	2.7	0
5	Outcomes With Phosphodiesterase-5 Inhibitor Use After Left Ventricular Assist Device: A STS-INTERMACS Analysis.. <i>Circulation: Heart Failure</i> , 2022 , CIRCHEARTFAILURE121008613	7.6	0
4	Erythrocyte deformability in patients during left ventricular assistance. <i>Clinical Hemorheology and Microcirculation</i> , 1991 , 11, 325-337	2.5	
3	Maturation of arteriovenous fistulas in patients with ventricular assist devices. <i>Journal of Vascular Access</i> , 2020 , 21, 176-179	1.8	
2	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	3.2	

- 1 Response by Kormos to Letter Regarding Article, "Left Ventricular Assist Device Malfunctions: It Is More Than Just the Pump". *Circulation*, **2018**, 137, 2300-2301 16.7