

# Robert L Kormos

## 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.

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 | Outcomes With Phosphodiesterase-5 Inhibitor Use After Left Ventricular Assist Device: A STS-INTERMACS Analysis.. <i>Circulation: Heart Failure</i> , <b>2022</b> , CIRCHEARTFAILURE121008613   | 7.6  | 0         |
| 71 | Evolution of Late Right Heart Failure With Left Ventricular Assist Devices and Association With Outcomes. <i>Journal of the American College of Cardiology</i> , <b>2021</b> , 78, 2294-2308   | 15.1 | 8         |
| 70 | Gender Differences in Mortality After Left Ventricular Assist Device Implant: A Causal Mediation Analysis Approach. <i>ASAIO Journal</i> , <b>2021</b> , 67, 614-621   | 3.6  | 6         |
| 69 | Delineating Pathways to Death by Multisystem Organ Failure in Patients With a Left Ventricular Assist Device. <i>Annals of Thoracic Surgery</i> , <b>2021</b> , 111, 881-888   | 2.7  | 3         |
| 68 | 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> , <b>2021</b> , 30, 9-15                    | 3.2  |           |
| 67 | Impact of Pre-Existing Mitral Regurgitation Following Left Ventricular Assist Device Implant. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , <b>2021</b> , 33, 988-995   | 1.7  | 1         |
| 66 | Outcomes of the First 1300 Adult Heart Transplants in the United States After the Allocation Policy Change. <i>Circulation</i> , <b>2020</b> , 141, 1662-1664  | 16.7 | 31        |
| 65 | 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> , <b>2020</b> , 9, e14701                        | 2    | 1         |
| 64 | 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> , <b>2020</b> , 148, 259-265 | 4    | 7         |
| 63 | Aortic Insufficiency After Left Ventricular Assist Device Implantation: Predictors and Outcomes. <i>Annals of Thoracic Surgery</i> , <b>2020</b> , 110, 836-843  | 2.7  | 4         |
| 62 | 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> , <b>2020</b> ,  | 1.5  | 9         |
| 61 | Maturation of arteriovenous fistulas in patients with ventricular assist devices. <i>Journal of Vascular Access</i> , <b>2020</b> , 21, 176-179  | 1.8  |           |
| 60 | The Society of Thoracic Surgeons Intermacs Database Annual Report: Evolving Indications, Outcomes, and Scientific Partnerships. <i>Annals of Thoracic Surgery</i> , <b>2019</b> , 107, 341-353   | 2.7  | 129       |
| 59 | Center Variation in Medicare Spending for Durable Left Ventricular Assist Device Implant Hospitalizations. <i>JAMA Cardiology</i> , <b>2019</b> , 4, 153-160   | 16.2 | 5         |
| 58 | The Society of Thoracic Surgeons Intermacs database annual report: Evolving indications, outcomes, and scientific partnerships. <i>Journal of Heart and Lung Transplantation</i> , <b>2019</b> , 38, 114-126                                     | 5.8  | 230       |
| 57 | 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> , <b>2019</b> , 12, e005537                | 7.6  | 21        |
| 56 | Severe Dizziness and Syncope After HeartMate 3 Implantation Requiring Pump Exchange. <i>Annals of Thoracic Surgery</i> , <b>2019</b> , 108, e149-e151  | 2.7  | 0         |

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| 55 | The impact of centre volume on outcomes of orthotopic heart transplant in older recipients. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2019</b> , 29, 576-582  | 1.8  | 1   |
| 54 | The Society of Thoracic Surgeons National Database 2019 Annual Report. <i>Annals of Thoracic Surgery</i> , <b>2019</b> , 108, 1625-1632   | 2.7  | 52  |
| 53 | Artificial Lungs: Current Status and Future Directions. <i>Current Transplantation Reports</i> , <b>2019</b> , 6, 307-315   | 1.5  | 7   |
| 52 | Risk Assessment in Patients with a Left Ventricular Assist Device Across INTERMACS Profiles Using Bayesian Analysis. <i>ASAIO Journal</i> , <b>2019</b> , 65, 436-441   | 3.6  | 3   |
| 51 | 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> , <b>2019</b> , 65, 293-296     | 3.6  | 7   |
| 50 | In Vivo 5 Day Animal Studies of a Compact, Wearable Pumping Artificial Lung. <i>ASAIO Journal</i> , <b>2019</b> , 65, 94-100  | 3.6  | 17  |
| 49 | Durable mechanical circulatory support device use in the United States by geographic region and minority status. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2019</b> ,  | 1.5  | 4   |
| 48 | Linkage of Medicare Records to the Interagency Registry of Mechanically Assisted Circulatory Support. <i>Annals of Thoracic Surgery</i> , <b>2018</b> , 105, 1397-1402  | 2.7  | 10  |
| 47 | A Bayesian Model to Predict Survival After Left Ventricular Assist Device Implantation. <i>JACC: Heart Failure</i> , <b>2018</b> , 6, 771-779   | 7.9  | 24  |
| 46 | Substantial Reduction in Driveline Infection Rates With the Modification of Driveline Dressing Protocol. <i>Journal of Cardiac Failure</i> , <b>2018</b> , 24, 746-752  | 3.3  | 9   |
| 45 | Clinical experience with temporary right ventricular mechanical circulatory support. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2018</b> , 156, 1885-1891   | 1.5  | 14  |
| 44 | 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> , <b>2018</b> , 2018, 6195045 | 0.6  | 9   |
| 43 | Response by Kormos to Letter Regarding Article, "Left Ventricular Assist Device Malfunctions: It Is More Than Just the Pump". <i>Circulation</i> , <b>2018</b> , 137, 2300-2301   | 16.7 |     |
| 42 | In vitro and in vivo evaluation of a novel integrated wearable artificial lung. <i>Journal of Heart and Lung Transplantation</i> , <b>2017</b> , 36, 806-811  | 5.8  | 23  |
| 41 | Eighth annual INTERMACS report: Special focus on framing the impact of adverse events. <i>Journal of Heart and Lung Transplantation</i> , <b>2017</b> , 36, 1080-1086   | 5.8  | 796 |
| 40 | Left Ventricular Assist Device Malfunctions: It Is More Than Just the Pump. <i>Circulation</i> , <b>2017</b> , 136, 1714-1725   | 16.7 | 41  |
| 39 | Postoperative outcomes and management strategies for coronary artery disease in patients in need of a lung transplantation. <i>Clinical Transplantation</i> , <b>2017</b> , 31, e13026  | 3.8  | 7   |
| 38 | A Bayesian Model to Predict Right Ventricular Failure Following Left Ventricular Assist Device Therapy. <i>JACC: Heart Failure</i> , <b>2016</b> , 4, 711-21  | 7.9  | 60  |

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| 37 | Your Results, Explained: Clarity Provided by Row Percentages Versus Column Percentages. <i>Annals of Thoracic Surgery</i> , <b>2016</b> , 101, 15-7  | 2.7 | 2    |
| 36 | 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> , <b>2016</b> , 35, 569-77 | 5.8 | 85   |
| 35 | Vascular Operations Performed by Cardiothoracic Surgeons: The Society of Thoracic Surgeons Survey. <i>Annals of Thoracic Surgery</i> , <b>2016</b> , 102, 589-92   | 2.7 | 6    |
| 34 | Major advantages and critical challenge for the proposed United States heart allocation system. <i>Journal of Heart and Lung Transplantation</i> , <b>2016</b> , 35, 547-9   | 5.8 | 38   |
| 33 | 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> , <b>2016</b> , 35, 407-12  | 5.8 | 78   |
| 32 | Extracorporeal membrane oxygenation support in acute coronary syndromes complicated by cardiogenic shock. <i>Catheterization and Cardiovascular Interventions</i> , <b>2015</b> , 86 Suppl 1, S45-50   | 2.7 | 38   |
| 31 | High-speed visualization of disturbed pathlines in axial flow ventricular assist device under pulsatile conditions. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2015</b> , 150, 938-44  | 1.5 | 28   |
| 30 | Seventh INTERMACS annual report: 15,000 patients and counting. <i>Journal of Heart and Lung Transplantation</i> , <b>2015</b> , 34, 1495-504   | 5.8 | 1000 |
| 29 | Reliability and construct validity of PROMIS measures for patients with heart failure who undergo heart transplant. <i>Quality of Life Research</i> , <b>2015</b> , 24, 2591-9   | 3.7 | 42   |
| 28 | The HVAD Left Ventricular Assist Device: Risk Factors for Neurological Events and Risk Mitigation Strategies. <i>JACC: Heart Failure</i> , <b>2015</b> , 3, 818-28   | 7.9 | 123  |
| 27 | 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> , <b>2015</b> , 47, 497-504         | 3   | 5    |
| 26 | 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> , <b>2015</b> , 34, 1549-60                                     | 5.8 | 226  |
| 25 | Pump thrombosis in the Thoratec HeartMate II device: An update analysis of the INTERMACS Registry. <i>Journal of Heart and Lung Transplantation</i> , <b>2015</b> , 34, 1515-26  | 5.8 | 133  |
| 24 | 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> , <b>2014</b> , 33, 23-34  | 5.8 | 333  |
| 23 | 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> , <b>2014</b> , 33, 12-22                          | 5.8 | 317  |
| 22 | Blood pressure control in continuous flow left ventricular assist devices: efficacy and impact on adverse events. <i>Annals of Thoracic Surgery</i> , <b>2014</b> , 97, 139-46   | 2.7 | 68   |
| 21 | Sixth INTERMACS annual report: a 10,000-patient database. <i>Journal of Heart and Lung Transplantation</i> , <b>2014</b> , 33, 555-64  | 5.8 | 664  |
| 20 | Implant strategies change over time and impact outcomes: insights from the INTERMACS (Interagency Registry for Mechanically Assisted Circulatory Support). <i>JACC: Heart Failure</i> , <b>2013</b> , 1, 369-78  | 7.9 | 56   |

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| 19 | Working formulation for the standardization of definitions of infections in patients using ventricular assist devices. <i>Journal of Heart and Lung Transplantation</i> , <b>2011</b> , 30, 375-84  | 5.8  | 251 |
| 18 | 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> , <b>2010</b> , 139, 1316-24 | 1.5  | 674 |
| 17 | Infection after implantation of pulsatile mechanical circulatory support devices. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2010</b> , 139, 1632-1636.e2   | 1.5  | 60  |
| 16 | Longitudinal study of cryptococcosis in adult solid-organ transplant recipients. <i>Transplant International</i> , <b>2003</b> , 16, 336-340  | 3    | 34  |
| 15 | The role of diastolic pump flow in centrifugal blood pump hemodynamics. <i>Artificial Organs</i> , <b>2001</b> , 25, 724-7  | 2.6  | 3   |
| 14 | Standardized ejection fraction as a parameter of overall ventricular pump function. <i>Japanese Circulation Journal</i> , <b>2000</b> , 64, 510-5   |      | 4   |
| 13 | Continuously maintaining positive flow avoids endocardial suction of a rotary blood pump with left ventricular bypass. <i>Artificial Organs</i> , <b>2000</b> , 24, 606-10  | 2.6  | 10  |
| 12 | Blood biocompatibility analysis in the setting of ventricular assist devices. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2000</b> , 11, 1239-59   | 3.5  | 13  |
| 11 | Fine trabecularized carbon: ideal material and texture for percutaneous device system of permanent left ventricular assist device. <i>Artificial Organs</i> , <b>1998</b> , 22, 481-7   | 2.6  | 16  |
| 10 | An implantable centrifugal blood pump with a recirculating purge system (Cool-Seal system). <i>Artificial Organs</i> , <b>1998</b> , 22, 466-74   | 2.6  | 63  |
| 9  | Effect of pressure-flow relationship of centrifugal pump on in vivo hemodynamics: a consideration for design. <i>Artificial Organs</i> , <b>1998</b> , 22, 399-404  | 2.6  | 12  |
| 8  | Heterogeneous immediate effects of partial left ventriculectomy on cardiac performance. <i>Circulation</i> , <b>1998</b> , 97, 839-42   | 16.7 | 83  |
| 7  | Development of the Nimbus/Pittsburgh axial flow left ventricular assist system. <i>Artificial Organs</i> , <b>1997</b> , 21, 602-10   | 2.6  | 26  |
| 6  | High-Resolution Fluorescent Particle-Tracking Flow Visualization within an Intraventricular Axial Flow Left Ventricular Assist Device. <i>Artificial Organs</i> , <b>1996</b> , 20, 534-540   | 2.6  | 11  |
| 5  | Controller for an Axial Flow Blood Pump. <i>Artificial Organs</i> , <b>1996</b> , 20, 618-620   | 2.6  | 44  |
| 4  | Estimation of left ventricular compliance using on-line echocardiographic automated border detection and pressure data. <i>International Journal of Cardiovascular Imaging</i> , <b>1994</b> , 10, 103-11                                       |      | 1   |
| 3  | 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> , <b>1994</b> , 44, 305-9                     | 19.7 | 33  |
| 2  | Psychosocial outcome six months after heart transplant surgery: a preliminary report. <i>Research in Nursing and Health</i> , <b>1992</b> , 15, 165-73  | 2    | 28  |

- 1 Erythrocyte deformability in patients during left ventricular assistance. *Clinical Hemorheology and Microcirculation*, **1991**, 11, 325-337

2.5