

Kiran K Khush

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.

119 papers	4,460 citations	29 h-index	65 g-index
156 ext. papers	6,372 ext. citations	4.4 avg, IF	5.77 L-index

#	Paper	IF	Citations
119	The Registry of the International Society for Heart and Lung Transplantation: Thirty-fourth Adult Heart Transplantation Report-2017; Focus Theme: Allograft ischemic time. <i>Journal of Heart and Lung Transplantation</i> , 2017 , 36, 1037-1046	5.8	454
118	Temporal response of the human virome to immunosuppression and antiviral therapy. <i>Cell</i> , 2013 , 155, 1178-87	56.2	285
117	Circulating cell-free DNA enables noninvasive diagnosis of heart transplant rejection. <i>Science Translational Medicine</i> , 2014 , 6, 241ra77	17.5	285
116	The International Thoracic Organ Transplant Registry of the International Society for Heart and Lung Transplantation: Thirty-sixth adult heart transplantation report - 2019; focus theme: Donor and recipient size match. <i>Journal of Heart and Lung Transplantation</i> , 2019 , 38, 1056-1066	5.8	257
115	The International Thoracic Organ Transplant Registry of the International Society for Heart and Lung Transplantation: Thirty-fifth Adult Heart Transplantation Report-2018; Focus Theme: Multiorgan Transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2018 , 37, 1155-1168	5.8	256
114	Universal noninvasive detection of solid organ transplant rejection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 6229-34	11.5	253
113	The International Thoracic Organ Transplant Registry of the International Society for Heart and Lung Transplantation: Thirty-fifth adult lung and heart-lung transplant report-2018; Focus theme: Multiorgan Transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2018 , 37, 1169-1183	5.8	249
112	The International Thoracic Organ Transplant Registry of the International Society for Heart and Lung Transplantation: Thirty-sixth adult lung and heart-lung transplantation Report-2019; Focus theme: Donor and recipient size match. <i>Journal of Heart and Lung Transplantation</i> , 2019 , 38, 1042-1055	5.8	241
111	Noninvasive monitoring of infection and rejection after lung transplantation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 13336-41	11.5	206
110	Effect of high-dose atorvastatin on hospitalizations for heart failure: subgroup analysis of the Treating to New Targets (TNT) study. <i>Circulation</i> , 2007 , 115, 576-83	16.7	129
109	Single-stranded DNA library preparation uncovers the origin and diversity of ultrashort cell-free DNA in plasma. <i>Scientific Reports</i> , 2016 , 6, 27859	4.9	105
108	National decline in donor heart utilization with regional variability: 1995-2010. <i>American Journal of Transplantation</i> , 2015 , 15, 642-9	8.7	101
107	Donor predictors of allograft use and recipient outcomes after heart transplantation. <i>Circulation: Heart Failure</i> , 2013 , 6, 300-9	7.6	98
106	Influence of donor and recipient sex mismatch on heart transplant outcomes: analysis of the International Society for Heart and Lung Transplantation Registry. <i>Journal of Heart and Lung Transplantation</i> , 2012 , 31, 459-66	5.8	94
105	The International Thoracic Organ Transplant Registry of the International Society for Heart and Lung Transplantation: Twenty-second pediatric heart transplantation report - 2019; Focus theme: Donor and recipient size match. <i>Journal of Heart and Lung Transplantation</i> , 2019 , 38, 1028-1041	5.8	76
104	Effect of pulmonary hypertension on clinical outcomes in advanced heart failure: analysis of the Evaluation Study of Congestive Heart Failure and Pulmonary Artery Catheterization Effectiveness (ESCAPE) database. <i>American Heart Journal</i> , 2009 , 157, 1026-34	4.9	72
103	Noninvasive detection of graft injury after heart transplant using donor-derived cell-free DNA: A prospective multicenter study. <i>American Journal of Transplantation</i> , 2019 , 19, 2889-2899	8.7	68

102	The International Thoracic Organ Transplant Registry of the International Society for Heart and Lung Transplantation: Twenty-second pediatric lung and heart-lung transplantation report-2019; Focus theme: Donor and recipient size match. <i>Journal of Heart and Lung Transplantation</i> , 2019 , 38, 1015-1027	5.8	52
101	Age and aneurysm position predict patterns of left ventricular dysfunction after subarachnoid hemorrhage. <i>Journal of the American Society of Echocardiography</i> , 2005 , 18, 168-74	5.8	52
100	The International Thoracic Organ Transplant Registry of the International Society for Heart and Lung Transplantation: 37th adult heart transplantation report-2020; focus on deceased donor characteristics. <i>Journal of Heart and Lung Transplantation</i> , 2020 , 39, 1003-1015	5.8	52
99	Assessment of Heart Transplant Waitlist Time and Pre- and Post-transplant Failure: A Mixed Methods Approach. <i>Epidemiology</i> , 2016 , 27, 469-76	3.1	47
98	Invasive Assessment of Coronary Physiology Predicts Late Mortality After Heart Transplantation. <i>Circulation</i> , 2016 , 133, 1945-50	16.7	45
97	Late manifestation of alloantibody-associated injury and clinical pulmonary antibody-mediated rejection: Evidence from cell-free DNA analysis. <i>Journal of Heart and Lung Transplantation</i> , 2018 , 37, 925-932	5.8	40
96	Donor-derived cell-free DNA predicts allograft failure and mortality after lung transplantation. <i>EBioMedicine</i> , 2019 , 40, 541-553	8.8	38
95	Effects of statin therapy on the development and progression of heart failure: mechanisms and clinical trials. <i>Journal of Cardiac Failure</i> , 2006 , 12, 664-74	3.3	38
94	Quantification of transplant-derived circulating cell-free DNA in absence of a donor genotype. <i>PLoS Computational Biology</i> , 2017 , 13, e1005629	5	36
93	Applying rigor and reproducibility standards to assay donor-derived cell-free DNA as a non-invasive method for detection of acute rejection and graft injury after heart transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2017 , 36, 1004-1012	5.8	35
92	Angiotensin-Converting Enzyme Inhibition Early After Heart Transplantation. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 2832-2841	15.1	34
91	Donor selection in the modern era. <i>Annals of Cardiothoracic Surgery</i> , 2018 , 7, 126-134	4.7	29
90	Myriad Applications of Circulating Cell-Free DNA in Precision Organ Transplant Monitoring. <i>Annals of the American Thoracic Society</i> , 2017 , 14, S237-S241	4.7	28
89	Identification of common blood gene signatures for the diagnosis of renal and cardiac acute allograft rejection. <i>PLoS ONE</i> , 2013 , 8, e82153	3.7	27
88	Donor cardiac troponin I levels do not predict recipient survival after cardiac transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2007 , 26, 1048-53	5.8	27
87	Current Use of Hearts From Hepatitis C Viremic Donors. <i>Circulation: Heart Failure</i> , 2018 , 11, e005276	7.6	24
86	Survival Outcomes After Heart Transplantation: Does Recipient Sex Matter?. <i>Circulation: Heart Failure</i> , 2019 , 12, e006218	7.6	23
85	Risk evaluation using gene expression screening to monitor for acute cellular rejection in heart transplant recipients. <i>Journal of Heart and Lung Transplantation</i> , 2019 , 38, 51-58	5.8	22

84	The International Thoracic Organ Transplant Registry of the International Society for Heart and Lung Transplantation: 37th adult lung transplantation report - 2020; focus on deceased donor characteristics. <i>Journal of Heart and Lung Transplantation</i> , 2020 , 39, 1016-1027	5.8	20
83	Accelerated Allograft Vasculopathy With Rituximab After Cardiac Transplantation. <i>Journal of the American College of Cardiology</i> , 2019 , 74, 36-51	15.1	19
82	The International Thoracic Organ Transplant Registry of the International Society for Heart and Lung Transplantation: Thirty-eighth adult heart transplantation report - 2021; Focus on recipient characteristics. <i>Journal of Heart and Lung Transplantation</i> , 2021 , 40, 1035-1049	5.8	18
81	Long-term transplant outcomes of donor hearts with left ventricular dysfunction. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019 , 157, 1865-1875	1.5	17
80	Monitoring pharmacologically induced immunosuppression by immune repertoire sequencing to detect acute allograft rejection in heart transplant patients: a proof-of-concept diagnostic accuracy study. <i>PLoS Medicine</i> , 2015 , 12, e1001890	11.6	17
79	Coronary Endothelial Dysfunction and the Index of Microcirculatory Resistance as a Marker of Subsequent Development of Cardiac Allograft Vasculopathy. <i>Circulation</i> , 2017 , 135, 1093-1095	16.7	16
78	Accepting hepatitis C virus-infected donor hearts for transplantation: Multistep consent, unrealized opportunity, and the Stanford experience. <i>Clinical Transplantation</i> , 2018 , 32, e13308	3.8	16
77	Relation of improvement in estimated glomerular filtration rate with atorvastatin to reductions in hospitalizations for heart failure (from the Treating to New Targets [TNT] study). <i>American Journal of Cardiology</i> , 2012 , 109, 1761-6	3	16
76	Utilization of hepatitis C virus-infected organ donors in cardiothoracic transplantation: An ISHLT expert consensus statement. <i>Journal of Heart and Lung Transplantation</i> , 2020 , 39, 418-432	5.8	15
75	Safety and Efficacy of PCSK9 Inhibitors After Heart Transplantation. <i>Canadian Journal of Cardiology</i> , 2019 , 35, 104.e1-104.e3	3.8	15
74	Gene expression profiling to study racial differences after heart transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2015 , 34, 970-7	5.8	14
73	Paradoxical Vessel Remodeling of the Proximal Segment of the Left Anterior Descending Artery Predicts Long-Term Mortality After Heart Transplantation. <i>JACC: Heart Failure</i> , 2015 , 3, 942-52	7.9	14
72	Cost-effectiveness of Dapagliflozin for Treatment of Patients With Heart Failure With Reduced Ejection Fraction. <i>JAMA Cardiology</i> , 2021 , 6, 926-935	16.2	14
71	New developments in immunosuppressive therapy for heart transplantation. <i>Expert Opinion on Emerging Drugs</i> , 2009 , 14, 1-21	3.7	13
70	Obese patients have lower B-type and atrial natriuretic peptide levels compared with nonobese. <i>Congestive Heart Failure</i> , 2006 , 12, 85-90		13
69	Great variability in donor heart acceptance practices across the United States. <i>American Journal of Transplantation</i> , 2020 , 20, 1582-1596	8.7	13
68	Attenuated-Signal Plaque Progression Predicts Long-Term Mortality After Heart Transplantation: IVUS Assessment of Cardiac Allograft Vasculopathy. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 382-92	15.1	13
67	The International Thoracic Organ Transplant Registry of the International Society for Heart and Lung Transplantation: Thirty-eighth adult lung transplantation report - 2021; Focus on recipient characteristics. <i>Journal of Heart and Lung Transplantation</i> , 2021 , 40, 1060-1072	5.8	13

66	Outcomes in patients undergoing cardiac retransplantation: A propensity matched cohort analysis of the UNOS Registry. <i>Journal of Heart and Lung Transplantation</i> , 2019 , 38, 1067-1074	5.8	12
65	Pregnancy-related human leukocyte antigen sensitization leading to cardiac allograft vasculopathy and graft failure in a heart transplant recipient: a case report. <i>Transplantation Proceedings</i> , 2013 , 45, 800-2	1.1	12
64	Nesiritide acutely increases pulmonary and systemic levels of nitric oxide in patients with pulmonary hypertension. <i>Journal of Cardiac Failure</i> , 2006 , 12, 507-13	3.3	12
63	Change in lymphocyte to neutrophil ratio predicts acute rejection after heart transplantation. <i>International Journal of Cardiology</i> , 2018 , 251, 58-64	3.2	11
62	Adding Insult on Injury: Immunogenic Role for Donor-derived Cell-free DNA?. <i>Transplantation</i> , 2020 , 104, 2266-2271	1.8	10
61	Lessons from the PROVE-IT trial. Higher dose of potent statin better for high-risk patients. <i>Cleveland Clinic Journal of Medicine</i> , 2004 , 71, 609-16	2.8	10
60	The history of the coronary care unit. <i>Canadian Journal of Cardiology</i> , 2005 , 21, 1041-5	3.8	10
59	Clinical utility of donor-derived cell-free DNA testing in cardiac transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2021 , 40, 397-404	5.8	9
58	Perceived Generational, Geographic, and Sex-Based Differences in Choosing a Career in Advanced Heart Failure. <i>Circulation: Heart Failure</i> , 2019 , 12, e005754	7.6	8
57	To kidney or not to kidney: Applying lessons learned from the simultaneous liver-kidney transplant policy to simultaneous heart-kidney transplantation. <i>Clinical Transplantation</i> , 2020 , 34, e13878	3.8	8
56	Incremental Value of Deformation Imaging and Hemodynamics Following Heart Transplantation: Insights From Graft Function Profiling. <i>JACC: Heart Failure</i> , 2017 , 5, 930-939	7.9	8
55	Reliability of transthoracic echocardiogram interpretation in potential adult heart transplant donors. <i>Journal of Heart and Lung Transplantation</i> , 2015 , 34, 266-9	5.8	8
54	Electrocardiographic characteristics of potential organ donors and associations with cardiac allograft use. <i>Circulation: Heart Failure</i> , 2012 , 5, 475-83	7.6	8
53	Association of periarterial neovascularization with progression of cardiac allograft vasculopathy and long-term clinical outcomes in heart transplant recipients. <i>Journal of Heart and Lung Transplantation</i> , 2016 , 35, 752-9	5.8	8
52	Disclosure of infectious risk to heart transplant candidates: Shared decision-making is here to stay. <i>Journal of Heart and Lung Transplantation</i> , 2018 , 37, 564-567	5.8	7
51	Gene expression profiling and racial disparities in outcomes after heart transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2019 , 38, 820-829	5.8	7
50	Consensus conference on heart-kidney transplantation. <i>American Journal of Transplantation</i> , 2021 , 21, 2459-2467	8.7	7
49	Personalized treatment in heart transplantation. <i>Current Opinion in Organ Transplantation</i> , 2017 , 22, 215-220	2.5	6

48	Molecular Diagnostic Testing in Cardiac Transplantation. <i>Current Cardiology Reports</i> , 2017 , 19, 118	4.2	6
47	Association of Endothelin-1 With Accelerated Cardiac Allograft Vasculopathy and Late Mortality Following Heart Transplantation. <i>Journal of Cardiac Failure</i> , 2019 , 25, 97-104	3.3	6
46	Outcomes of patients with infection related to a ventricular assist device after heart transplantation. <i>Clinical Transplantation</i> , 2019 , 33, e13692	3.8	6
45	Donor-derived, cell-free DNA levels by next-generation targeted sequencing are elevated in allograft rejection after lung transplantation. <i>ERJ Open Research</i> , 2021 , 7,	3.5	6
44	The International Thoracic Organ Transplant Registry of the International Society for Heart and Lung Transplantation: Twenty-third pediatric lung transplantation report - 2020; focus on deceased donor characteristics. <i>Journal of Heart and Lung Transplantation</i> , 2020 , 39, 1038-1049	5.8	6
43	A full house: complications from an uncorrected patent ductus arteriosus. <i>Current Cardiology Reports</i> , 2005 , 7, 310-3	4.2	5
42	Use of donor-derived-cell-free DNA as a marker of early allograft injury in primary graft dysfunction (PGD) to predict the risk of chronic lung allograft dysfunction (CLAD). <i>Journal of Heart and Lung Transplantation</i> , 2021 , 40, 488-493	5.8	5
41	Impact of cytomegalovirus infection on gene expression profile in heart transplant recipients. <i>Journal of Heart and Lung Transplantation</i> , 2021 , 40, 101-107	5.8	5
40	Longitudinal changes in kidney function following heart transplantation: Stanford experience. <i>Clinical Transplantation</i> , 2018 , 32, e13414	3.8	5
39	Early invasive assessment of the coronary microcirculation predicts subsequent acute rejection after heart transplantation. <i>International Journal of Cardiology</i> , 2019 , 290, 27-32	3.2	4
38	Use of direct oral anticoagulants after heart transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2020 , 39, 399-401	5.8	4
37	Long-term prognostic value of invasive and non-invasive measures early after heart transplantation. <i>International Journal of Cardiology</i> , 2018 , 260, 31-35	3.2	4
36	Reliability of echocardiographic measurements of left ventricular systolic function in potential pediatric heart transplant donors. <i>Journal of Heart and Lung Transplantation</i> , 2015 , 34, 100-106	5.8	4
35	New Approaches to Donor Selection and Preparation in Heart Transplantation. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2021 , 23, 28	2.1	4
34	New Onset Diabetes Mellitus After Adult Heart Transplantation and the Risk of Renal Dysfunction or Mortality. <i>Transplantation</i> , 2021 ,	1.8	4
33	The International Thoracic Organ Transplant Registry of the International Society for Heart and Lung Transplantation: Twenty-fourth pediatric lung transplantation report - 2021; Focus on recipient characteristics. <i>Journal of Heart and Lung Transplantation</i> , 2021 , 40, 1023-1034	5.8	4
32	Risk factors for early development of cardiac allograft vasculopathy by intravascular ultrasound. <i>Clinical Transplantation</i> , 2020 , 34, e14098	3.8	3
31	Remote Mobile Outpatient Monitoring in Heart Transplant (ReBOOT): A Pilot Study. <i>Canadian Journal of Cardiology</i> , 2020 , 36, 1978.e9-1978.e10	3.8	3

30	Parvovirus B19-induced severe anemia in heart transplant recipients: Case report and review of the literature. <i>Clinical Transplantation</i> , 2019 , 33, e13498	3.8	3
29	Infectious complications after heart transplantation in patients screened with gene expression profiling. <i>Journal of Heart and Lung Transplantation</i> , 2019 , 38, 611-618	5.8	3
28	Donor and Recipient Size Matching in Heart Transplantation With Predicted Heart and Lean Body Mass. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2021 ,	1.7	3
27	Impact of Deceased Donor Management on Donor Heart Use and Recipient Graft Survival. <i>Journal of the American College of Surgeons</i> , 2020 , 231, 351-360.e5	4.4	2
26	A novel therapy for an unusual problem: IL-1 receptor antagonist for recurrent post-transplant pericarditis. <i>Clinical Transplantation</i> , 2019 , 33, e13699	3.8	2
25	Impact of Asymmetric Dimethylarginine on Coronary Physiology Early After Heart Transplantation. <i>American Journal of Cardiology</i> , 2017 , 120, 1020-1025	3	2
24	Thiazolidinediones in heart failure: slippery when wet. <i>Journal of Cardiac Failure</i> , 2008 , 14, 453-5	3.3	2
23	Long-term clinical outcomes with use of an angiotensin-converting enzyme inhibitor early after heart transplantation. <i>American Heart Journal</i> , 2020 , 222, 30-37	4.9	2
22	The ratio of circulating regulatory cluster of differentiation 4 T cells to endothelial progenitor cells predicts clinically significant acute rejection after heart transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2018 , 37, 496-502	5.8	2
21	Incidence and impact of primary graft dysfunction in adult heart transplant recipients: A systematic review and meta-analysis. <i>Journal of Heart and Lung Transplantation</i> , 2021 , 40, 642-651	5.8	2
20	Prognostic value of comprehensive intracoronary physiology assessment early after heart transplantation. <i>European Heart Journal</i> , 2021 ,	9.5	2
19	Evolving Characteristics of Heart Transplantation Donors and Recipients: JACC Focus Seminar.. <i>Journal of the American College of Cardiology</i> , 2022 , 79, 1108-1123	15.1	2
18	Single-nucleotide polymorphisms in the β -adrenergic receptor genes are associated with lung allograft utilization. <i>Journal of Heart and Lung Transplantation</i> , 2011 , 30, 211-7	5.8	1
17	Association of African American race with elevated pulmonary artery diastolic pressure: data from the Heart and Soul Study. <i>Journal of the American Society of Echocardiography</i> , 2007 , 20, 1307-13	5.8	1
16	Early detection of post-transplant lymphoproliferative disorder using circulating tumor DNA.. <i>Journal of Clinical Oncology</i> , 2018 , 36, 7572-7572	2.2	1
15	Recent Trends of Infectious Complications Following Heart Transplantation. <i>Transplantation</i> , 2020 , 104, e284-e294	1.8	1
14	Cardiopulmonary Exercise Testing With Echocardiography to Assess Recovery in Patients With Ventricular Assist Devices. <i>ASAIO Journal</i> , 2021 , 67, 1134-1138	3.6	1
13	Waitlist and post-transplant outcomes for Eisenmenger syndrome: A comparison of transplant strategies. <i>Journal of Heart and Lung Transplantation</i> , 2021 , 40, 841-849	5.8	1

12	Cost-effectiveness and system-wide impact of using Hepatitis C-viremic donors for heart transplant. <i>Journal of Heart and Lung Transplantation</i> , 2021 ,	5.8	1
11	Impact of diabetes mellitus on clinical outcomes after heart transplantation. <i>Clinical Transplantation</i> , 2021 , 35, e14460	3.8	1
10	Precision monitoring of immunotherapies in solid organ and hematopoietic stem cell transplantation. <i>Advanced Drug Delivery Reviews</i> , 2017 , 114, 272-284	18.5	0
9	Microcirculatory Resistance Predicts Allograft Rejection and Cardiac Events After Heart Transplantation. <i>Journal of the American College of Cardiology</i> , 2021 , 78, 2425-2435	15.1	0
8	Donor selection for multiorgan transplantation.. <i>Current Opinion in Organ Transplantation</i> , 2022 , 27, 52-56	5.5	0
7	Evaluation of variation in insurance payor mix among heart transplant centers. <i>Journal of Heart and Lung Transplantation</i> , 2021 , 40, 65-68	5.8	0
6	Combining donor derived cell free DNA and gene expression profiling for non-invasive surveillance after heart transplantation.. <i>Clinical Transplantation</i> , 2022 , e14699	3.8	0
5	Post-transplant head and neck cancers: A prospective analysis of clinical factors for risk stratification.. <i>Journal of Clinical Oncology</i> , 2018 , 36, e18051-e18051	2.2	
4	Lymphoma Virome Dynamics Revealed By Cell-Free DNA Sequencing. <i>Blood</i> , 2018 , 132, 2861-2861	2.2	
3	Deep Sequencing of Viral Cell-Free DNA for Noninvasive Detection of Immunosuppression-Related Lymphoid Malignancies. <i>Blood</i> , 2019 , 134, 885-885	2.2	
2	Noninvasive Tools for Monitoring Acute Cardiac Allograft Rejection: State of the Art 2016 , 265-277		
1	Usefulness of Asymmetric Dimethylarginine to Predict Outcomes After Heart Transplantation. <i>American Journal of Cardiology</i> , 2018 , 122, 1707-1711	3	