

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	7,061 citations	41 h-index	83 g-index
134 ext. papers	8,402 ext. citations	4.6 avg, IF	5.68 L-index

#	Paper	IF	Citations
119	Revision of the 1990 working formulation for the standardization of nomenclature in the diagnosis of heart rejection. <i>Journal of Heart and Lung Transplantation</i> , 2005 , 24, 1710-20	5.8	1256
118	Revision of the 1996 working formulation for the standardization of nomenclature in the diagnosis of lung rejection. <i>Journal of Heart and Lung Transplantation</i> , 2007 , 26, 1229-42	5.8	751
117	Consensus guidelines on the testing and clinical management issues associated with HLA and non-HLA antibodies in transplantation. <i>Transplantation</i> , 2013 , 95, 19-47	1.8	558
116	Humoral rejection in cardiac transplantation: risk factors, hemodynamic consequences and relationship to transplant coronary artery disease. <i>Journal of Heart and Lung Transplantation</i> , 2003 , 22, 58-69	5.8	318
115	Report from a consensus conference on antibody-mediated rejection in heart transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2011 , 30, 252-69	5.8	269
114	Acute antibody-mediated rejection of cardiac transplants. <i>Journal of Heart and Lung Transplantation</i> , 2006 , 25, 153-9	5.8	236
113	Asymptomatic antibody-mediated rejection after heart transplantation predicts poor outcomes. <i>Journal of Heart and Lung Transplantation</i> , 2009 , 28, 417-22	5.8	164
112	HLA class I antibody-mediated endothelial cell proliferation via the mTOR pathway. <i>Journal of Immunology</i> , 2008 , 180, 2357-66	5.3	128
111	Report from a consensus conference on the sensitized patient awaiting heart transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2009 , 28, 213-25	5.8	120
110	Sensitization in Transplantation: Assessment of Risk (STAR) 2017 Working Group Meeting Report. <i>American Journal of Transplantation</i> , 2018 , 18, 1604-1614	8.7	118
109	The importance of non-HLA antibodies in transplantation. <i>Nature Reviews Nephrology</i> , 2016 , 12, 484-95	14.9	106
108	Antibody-mediated rejection across solid organ transplants: manifestations, mechanisms, and therapies. <i>Journal of Clinical Investigation</i> , 2017 , 127, 2492-2504	15.9	106
107	Macrophage heme oxygenase-1-SIRT1-p53 axis regulates sterile inflammation in liver ischemia-reperfusion injury. <i>Journal of Hepatology</i> , 2017 , 67, 1232-1242	13.4	95
106	Anti-HLA class I antibody-mediated activation of the PI3K/Akt signaling pathway and induction of Bcl-2 and Bcl-xL expression in endothelial cells. <i>Human Immunology</i> , 2004 , 65, 291-302	2.3	95
105	Donor-specific HLA Antibodies Are Associated With Late Allograft Dysfunction After Pediatric Liver Transplantation. <i>Transplantation</i> , 2015 , 99, 1416-22	1.8	84
104	Ligation of HLA class I molecules on endothelial cells induces phosphorylation of Src, paxillin, and focal adhesion kinase in an actin-dependent manner. <i>Journal of Immunology</i> , 2002 , 168, 5415-23	5.3	84
103	HLA and MICA: targets of antibody-mediated rejection in heart transplantation. <i>Transplantation</i> , 2011 , 91, 1153-8	1.8	83

102	Anti-MHC class I antibody activation of proliferation and survival signaling in murine cardiac allografts. <i>Journal of Immunology</i> , 2008 , 180, 2214-24	5.3	81
101	Antibody-mediated graft injury: complement-dependent and complement-independent mechanisms. <i>Current Opinion in Organ Transplantation</i> , 2014 , 19, 33-40	2.5	79
100	HLA class I molecules partner with integrin β to stimulate endothelial cell proliferation and migration. <i>Science Signaling</i> , 2010 , 3, ra85	8.8	78
99	638. CMV-Specific T-Cell Immune Responses in Older vs. Younger Kidney Transplant Recipients. <i>Open Forum Infectious Diseases</i> , 2018 , 5, S232-S232	1	78
98	629. Blood Transcriptome Variations Predict Infection and Rejection in the Older Kidney Transplant Recipient. <i>Open Forum Infectious Diseases</i> , 2018 , 5, S229-S229	1	78
97	The perfect storm: HLA antibodies, complement, FcRs, and endothelium in transplant rejection. <i>Trends in Molecular Medicine</i> , 2015 , 21, 319-29	11.5	77
96	KIR3DL1/HLA-B Subtypes Govern Acute Myelogenous Leukemia Relapse After Hematopoietic Cell Transplantation. <i>Journal of Clinical Oncology</i> , 2017 , 35, 2268-2278	2.2	69
95	Development of posttransplant antidonor HLA antibodies is associated with acute humoral rejection and early graft dysfunction. <i>Transplantation</i> , 2005 , 79, 591-8	1.8	69
94	Anti-HLA antibodies can induce endothelial cell survival or proliferation depending on their concentration. <i>Transplantation</i> , 2006 , 82, S33-5	1.8	65
93	HLA class I antibodies trigger increased adherence of monocytes to endothelial cells by eliciting an increase in endothelial P-selectin and, depending on subclass, by engaging FcRs. <i>Journal of Immunology</i> , 2013 , 190, 6635-50	5.3	64
92	C4d staining of pulmonary allograft biopsies: an immunoperoxidase study. <i>Journal of Heart and Lung Transplantation</i> , 2005 , 24, 1565-70	5.8	63
91	The management of antibodies in heart transplantation: An ISHLT consensus document. <i>Journal of Heart and Lung Transplantation</i> , 2018 , 37, 537-547	5.8	59
90	Anti-HLA class I antibodies activate endothelial cells and promote chronic rejection. <i>Transplantation</i> , 2005 , 79, S19-21	1.8	59
89	Antibodies in transplantation: the effects of HLA and non-HLA antibody binding and mechanisms of injury. <i>Methods in Molecular Biology</i> , 2013 , 1034, 41-70	1.4	59
88	Non-MHC antigenic targets of the humoral immune response in transplantation. <i>Current Opinion in Immunology</i> , 2010 , 22, 682-8	7.8	58
87	Anti-HLA antibody ligation to HLA class I molecules expressed by endothelial cells stimulates tyrosine phosphorylation, inositol phosphate generation, and proliferation. <i>Human Immunology</i> , 1997 , 53, 90-7	2.3	53
86	HLA alleles, IFN-gamma responses to HPV-11 E6, and disease severity in patients with recurrent respiratory papillomatosis. <i>Human Immunology</i> , 2004 , 65, 773-82	2.3	49
85	The divergent roles of macrophages in solid organ transplantation. <i>Current Opinion in Organ Transplantation</i> , 2015 , 20, 446-53	2.5	48

84	RNA interference elucidates the role of focal adhesion kinase in HLA class I-mediated focal adhesion complex formation and proliferation in human endothelial cells. <i>Journal of Immunology</i> , 2007 , 178, 7911-22	5.3	48
83	Complement-activating donor-specific anti-HLA antibodies and solid organ transplant survival: A systematic review and meta-analysis. <i>PLoS Medicine</i> , 2018 , 15, e1002572	11.6	46
82	Pathologic findings in lung allografts with anti-HLA antibodies. <i>Journal of Heart and Lung Transplantation</i> , 2013 , 32, 326-32	5.8	44
81	Indirect recognition of donor MHC Class II antigens in human transplantation. <i>Clinical Immunology and Immunopathology</i> , 1996 , 78, 228-35		43
80	Heme oxygenase-1 regulates sirtuin-1-autophagy pathway in liver transplantation: From mouse to human. <i>American Journal of Transplantation</i> , 2018 , 18, 1110-1121	8.7	42
79	Protective immunity in recurrent infection reflects localized immune signatures and macrophage-conferred memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E11111-E11119	11.5	41
78	Preformed cytotoxic antibodies in potential allograft recipients: recent data. <i>Human Immunology</i> , 2005 , 66, 343-9	2.3	40
77	Human leukocyte antigen antibodies in chronic transplant vasculopathy-mechanisms and pathways. <i>Current Opinion in Immunology</i> , 2009 , 21, 557-62	7.8	39
76	Sirtuin 1 attenuates inflammation and hepatocellular damage in liver transplant ischemia/Reperfusion: From mouse to human. <i>Liver Transplantation</i> , 2017 , 23, 1282-1293	4.5	38
75	Angiotensin II Type 1 receptor antibodies are associated with inflammatory cytokines and poor clinical outcomes in pediatric kidney transplantation. <i>Kidney International</i> , 2018 , 93, 260-269	9.9	37
74	Antibody ligation of human leukocyte antigen class I molecules stimulates migration and proliferation of smooth muscle cells in a focal adhesion kinase-dependent manner. <i>Human Immunology</i> , 2011 , 72, 1150-9	2.3	33
73	MHC class I and integrin ligation induce ERK activation via an mTORC2-dependent pathway. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 369, 781-7	3.4	33
72	HLA class I signal transduction is dependent on Rho GTPase and ROK. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 323, 213-7	3.4	33
71	Alloantibody Generation and Effector Function Following Sensitization to Human Leukocyte Antigen. <i>Frontiers in Immunology</i> , 2016 , 7, 30	8.4	33
70	Recombinant relaxin protects liver transplants from ischemia damage by hepatocyte glucocorticoid receptor: From bench-to-bedside. <i>Hepatology</i> , 2018 , 68, 258-273	11.2	29
69	Early cytokine signatures of ischemia/reperfusion injury in human orthotopic liver transplantation. <i>JCI Insight</i> , 2016 , 1, e89679	9.9	29
68	Acute antibody-mediated rejection in ABO-compatible pediatric liver transplant recipients: case series and review of the literature. <i>Pediatric Transplantation</i> , 2017 , 21, e12791	1.8	28
67	Not All Antibodies Are Created Equal: Factors That Influence Antibody Mediated Rejection. <i>Journal of Immunology Research</i> , 2017 , 2017, 7903471	4.5	28

66	HLA class I antibody-mediated endothelial and smooth muscle cell activation. <i>Current Opinion in Organ Transplantation</i> , 2012 , 17, 446-51	2.5	28
65	Sensitization in transplantation: Assessment of risk (STAR) 2019 Working Group Meeting Report. <i>American Journal of Transplantation</i> , 2020 , 20, 2652-2668	8.7	27
64	HLA class I-mediated stress fiber formation requires ERK1/2 activation in the absence of an increase in intracellular Ca ²⁺ in human aortic endothelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2012 , 303, C872-82	5.4	27
63	Characterization of the endothelial cell cytoskeleton following HLA class I ligation. <i>PLoS ONE</i> , 2012 , 7, e29472	3.7	27
62	HLA Class II-Triggered Signaling Cascades Cause Endothelial Cell Proliferation and Migration: Relevance to Antibody-Mediated Transplant Rejection. <i>Journal of Immunology</i> , 2018 , 200, 2372-2390	5.3	24
61	Understanding the Correlation Between DSA, Complement Activation, and Antibody-Mediated Rejection in Heart Transplant Recipients. <i>Transplantation</i> , 2018 , 102, e431-e438	1.8	24
60	Banff study of pathologic changes in lung allograft biopsy specimens with donor-specific antibodies. <i>Journal of Heart and Lung Transplantation</i> , 2016 , 35, 40-48	5.8	23
59	Signal transduction via MHC class I molecules in endothelial and smooth muscle cells. <i>Critical Reviews in Immunology</i> , 2003 , 23, 109-28	1.8	23
58	Bortezomib may stabilize pediatric renal transplant recipients with antibody-mediated rejection. <i>Pediatric Nephrology</i> , 2016 , 31, 1341-8	3.2	23
57	Safety, pharmacokinetics, and pharmacodynamic activity of obinutuzumab, a type 2 anti-CD20 monoclonal antibody for the desensitization of candidates for renal transplant. <i>American Journal of Transplantation</i> , 2019 , 19, 3035-3045	8.7	22
56	The link between major histocompatibility complex antibodies and cell proliferation. <i>Transplantation Reviews</i> , 2011 , 25, 154-66	3.3	22
55	Antibody Subclass Repertoire and Graft Outcome Following Solid Organ Transplantation. <i>Frontiers in Immunology</i> , 2016 , 7, 433	8.4	21
54	Accelerated rejection, thrombosis, and graft failure with angiotensin II type 1 receptor antibodies. <i>Pediatric Nephrology</i> , 2015 , 30, 1371-4	3.2	20
53	Phosphorylated S6 kinase and S6 ribosomal protein are diagnostic markers of antibody-mediated rejection in heart allografts. <i>Journal of Heart and Lung Transplantation</i> , 2015 , 34, 580-587	5.8	19
52	Role of anti-MHC class I antibody in facilitating transplant accommodation. <i>Critical Reviews in Immunology</i> , 2008 , 28, 485-511	1.8	18
51	A novel flow assay for the detection of cytokine secreting alloreactive T cells: application to immune monitoring. <i>Human Immunology</i> , 2005 , 66, 1110-24	2.3	16
50	Complement-Mediated Enhancement of Monocyte Adhesion to Endothelial Cells by HLA Antibodies, and Blockade by a Specific Inhibitor of the Classical Complement Cascade, TNT003. <i>Transplantation</i> , 2017 , 101, 1559-1572	1.8	14
49	Antibodies to HLA Molecules Mimic Agonistic Stimulation to Trigger Vascular Cell Changes and Induce Allograft Injury. <i>Current Transplantation Reports</i> , 2015 , 2, 222-232	1.5	13

48	Outside-in HLA class I signaling regulates ICAM-1 clustering and endothelial cell-monocyte interactions via mTOR in transplant antibody-mediated rejection. <i>American Journal of Transplantation</i> , 2018 , 18, 1096-1109	8.7	13
47	Recipient HO-1 inducibility is essential for posttransplant hepatic HO-1 expression and graft protection: From bench-to-bedside. <i>American Journal of Transplantation</i> , 2019 , 19, 356-367	8.7	12
46	Hepatic CEACAM1 expression indicates donor liver quality and prevents early transplantation injury. <i>Journal of Clinical Investigation</i> , 2020 , 130, 2689-2704	15.9	12
45	Association between preoperative peripheral blood mononuclear cell gene expression profiles, early postoperative organ function recovery potential and long-term survival in advanced heart failure patients undergoing mechanical circulatory support. <i>PLoS ONE</i> , 2017 , 12, e0189420	3.7	12
44	Pattern Recognition Receptor-reactivity Screening of Liver Transplant Patients: Potential for Personalized and Precise Organ Matching to Reduce Risks of Ischemia-reperfusion Injury. <i>Annals of Surgery</i> , 2020 , 271, 922-931	7.8	12
43	Disulfide High-Mobility Group Box 1 Drives Ischemia-Reperfusion Injury in Human Liver Transplantation. <i>Hepatology</i> , 2021 , 73, 1158-1175	11.2	12
42	Reduced HLA Class II antibody response to proteasome inhibition in heart transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2015 , 34, 863-5	5.8	11
41	New priorities: Analysis of the New Kidney Allocation System on UCLA patients transplanted from the deceased donor waitlist. <i>Human Immunology</i> , 2017 , 78, 41-48	2.3	10
40	T cell dysfunction and patient age are associated with poor outcomes after mechanical circulatory support device implantation. <i>Human Immunology</i> , 2018 , 79, 203-212	2.3	10
39	Cytokine Profiles Associated With Angiotensin II Type 1 Receptor Antibodies. <i>Kidney International Reports</i> , 2019 , 4, 541-550	4.1	9
38	Endothelin Type A Receptor Antibodies Are Associated With Angiotensin II Type 1 Receptor Antibodies, Vascular Inflammation, and Decline in Renal Function in Pediatric Kidney Transplantation. <i>Kidney International Reports</i> , 2020 , 5, 1925-1936	4.1	9
37	Differences in Proinflammatory Cytokines and Monocyte Subtypes in Older as Compared With Younger Kidney Transplant Recipients. <i>Transplantation Direct</i> , 2018 , 4, e348	2.3	9
36	Discovery of non-HLA antibodies associated with cardiac allograft rejection and development and validation of a non-HLA antigen multiplex panel: From bench to bedside. <i>American Journal of Transplantation</i> , 2020 , 20, 2768-2780	8.7	8
35	Donor-specific HLA antibody-mediated complement activation is a significant indicator of antibody-mediated rejection and poor long-term graft outcome during lung transplantation: a single center cohort study. <i>Transplant International</i> , 2018 , 31, 761-772	3	8
34	HLA class I: an unexpected role in integrin β signaling in endothelial cells. <i>Human Immunology</i> , 2012 , 73, 1239-44	2.3	8
33	Obliterative portal venopathy: A histopathologic finding associated with chronic antibody-mediated rejection in pediatric liver allografts. <i>Pediatric Transplantation</i> , 2018 , 22, e13124	1.8	7
32	Array-based methods for diagnosis and prevention of transplant rejection. <i>Expert Review of Molecular Diagnostics</i> , 2006 , 6, 165-78	3.8	7
31	Complement-independent mechanisms of antigraft antibodies in transplant arteriosclerosis and accommodation. <i>Current Opinion in Organ Transplantation</i> , 2004 , 9, 10-15	2.5	7

30	Genetic variation of DNA methyltransferase-3A contributes to protection against persistent MRSA bacteremia in patients. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 20087-20096	11.5	7
29	Differences in Gene Expression in Older Compared With Younger Kidney Transplant Recipients. <i>Transplantation Direct</i> , 2019 , 5, e436	2.3	7
28	Non-HLA Antibodies and Epitope Mismatches in Kidney Transplant Recipients With Histological Antibody-Mediated Rejection. <i>Frontiers in Immunology</i> , 2021 , 12, 703457	8.4	6
27	Antibody-induced vascular inflammation skews infiltrating macrophages to a novel remodeling phenotype in a model of transplant rejection. <i>American Journal of Transplantation</i> , 2020 , 20, 2686-2702	8.7	4
26	Clinical utility of complement-dependent C3d assay in kidney recipients presenting with late allograft dysfunction. <i>American Journal of Transplantation</i> , 2018 , 18, 2934-2944	8.7	4
25	Long-term outcomes of simultaneous heart and kidney transplantation in pediatric recipients. <i>Pediatric Transplantation</i> , 2017 , 21, e13023	1.8	4
24	Clonal CD8+ T Cell Persistence and Variable Gene Usage Bias in a Human Transplanted Hand. <i>PLoS ONE</i> , 2015 , 10, e0136235	3.7	4
23	Noninvasive biomarkers for prediction and diagnosis of heart transplantation rejection. <i>Transplantation Reviews</i> , 2021 , 35, 100590	3.3	4
22	HLA Class I and Class II-Induced Intracellular Signaling and Molecular Associations in Primary Human Endothelial Cells. <i>Methods in Molecular Biology</i> , 2018 , 1788, 23-41	1.4	3
21	Angiotensin II type I receptor antibodies in pediatric solid organ transplant. <i>Human Immunology</i> , 2019 , 80, 568-572	2.3	3
20	DNA Methylation Age Is More Closely Associated With Infection Risk Than Chronological Age in Kidney Transplant Recipients. <i>Transplantation Direct</i> , 2020 , 6, e576	2.3	3
19	Human DNA methylation signatures differentiate persistent from resolving MRSA bacteremia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	3
18	Early cytomegalovirus DNAemia and antiviral dose adjustment in high vs intermediate risk kidney transplant recipients. <i>Transplant Infectious Disease</i> , 2021 , 23, e13457	2.7	2
17	Luminex screening first vs. direct single antigen bead assays: Different strategies for HLA antibody monitoring after kidney transplantation. <i>Human Immunology</i> , 2020 , 81, 293-299	2.3	1
16	Major histocompatibility complex 2015 , 85-102		1
15	Signal transduction through major histocompatibility complex molecules. <i>Current Opinion in Organ Transplantation</i> , 2007 , 12, 426-431	2.5	1
14	Ligation of HLA Class I Molecules Induces YAP Activation through Src in Human Endothelial Cells. <i>Journal of Immunology</i> , 2020 , 205, 1953-1961	5.3	1
13	Association of pro-inflammatory cytokines and monocyte subtypes in older and younger patients on clinical outcomes after mechanical circulatory support device implantation. <i>Human Immunology</i> , 2019 , 80, 126-134	2.3	1

12	Relationship between antithymocyte globulin, T cell phenotypes, and clinical outcomes in pediatric kidney transplantation. <i>American Journal of Transplantation</i> , 2021 , 21, 766-775	8.7	1
11	Variability in Donor-Derived Cell-Free DNA Scores to Predict Mortality in Heart Transplant Recipients - A Proof-of-Concept Study.. <i>Frontiers in Immunology</i> , 2022 , 13, 825108	8.4	1
10	Transplant Antigen Biology 2014 , 36-49		0
9	Leukocyte transcriptome indicators of development of infection in kidney transplant recipients. <i>Clinical Transplantation</i> , 2021 , 35, e14252	3.8	0
8	Non-HLA AT1R antibodies are highly prevalent after pediatric intestinal transplantation. <i>Pediatric Transplantation</i> , 2021 , 25, e13987	1.8	0
7	Acute and Chronic Changes in Gene Expression After CMV DNAemia in Kidney Transplant Recipients. <i>Frontiers in Immunology</i> , 2021 , 12, 750659	8.4	0
6	Pro-Inflammatory and Dysfunctional Immunologic Changes and Risk for Infection in the Older Kidney Transplant Recipient. <i>Open Forum Infectious Diseases</i> , 2017 , 4, S226-S226	1	
5	43: Current Methods for Detecting Complement-Fixing Human Leukocyte Antigen Antibodies. <i>American Journal of Clinical Pathology</i> , 2015 , 143, A023-A023	1.9	
4	Histocompatibility and Immunogenetics Testing in the 21st Century1063-1068		
3	Histocompatibility and Immunogenetics for Solid Organ Transplantation 2016 , 1-30		
2	Phosphorylated S6 ribosomal protein expression by immunohistochemistry correlates with de novo donor-specific HLA antibodies in lung allograft recipients. <i>Journal of Heart and Lung Transplantation</i> , 2021 , 40, 1164-1171	5.8	
1	The Women of FOCIS: Promoting Equality and Inclusiveness in a Professional Federation of Clinical Immunology Societies.. <i>Frontiers in Immunology</i> , 2022 , 13, 816535	8.4	