

# Thalachallour Mohanakumar

## List of Publications by Citations

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139  
papers

5,302  
citations

39  
h-index

70  
g-index

143  
ext. papers

6,038  
ext. citations

4.2  
avg, IF

5.29  
L-index

#	Paper	IF	Citations
139	Consensus guidelines on the testing and clinical management issues associated with HLA and non-HLA antibodies in transplantation. <i>Transplantation</i> , <b>2013</b> , 95, 19-47	1.8	558
138	Respiratory viral infections are a distinct risk for bronchiolitis obliterans syndrome and death. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2004</b> , 170, 181-7	10.2	257
137	Anti-human leukocyte antigen antibodies and preemptive antibody-directed therapy after lung transplantation. <i>Journal of Heart and Lung Transplantation</i> , <b>2010</b> , 29, 973-80	5.8	176
136	De novo production of K-alpha1 tubulin-specific antibodies: role in chronic lung allograft rejection. <i>Journal of Immunology</i> , <b>2008</b> , 180, 4487-94	5.3	174
135	Prevalence and outcome of bronchiolitis obliterans syndrome after lung transplantation. Washington University Lung Transplant Group. <i>Annals of Thoracic Surgery</i> , <b>1995</b> , 60, 1341-6; discussion 1346-7	2.7	166
134	HLA-A locus mismatches and development of antibodies to HLA after lung transplantation correlate with the development of bronchiolitis obliterans syndrome. <i>Transplantation</i> , <b>1998</b> , 65, 648-53	1.8	165
133	Development of ELISA-detected anti-HLA antibodies precedes the development of bronchiolitis obliterans syndrome and correlates with progressive decline in pulmonary function after lung transplantation. <i>Transplantation</i> , <b>1999</b> , 67, 1155-61	1.8	154
132	Comprehensive assessment and standardization of solid phase multiplex-bead arrays for the detection of antibodies to HLA. <i>American Journal of Transplantation</i> , <b>2013</b> , 13, 1859-70	8.7	150
131	Antibodies to MHC class I induce autoimmunity: role in the pathogenesis of chronic rejection. <i>Journal of Immunology</i> , <b>2009</b> , 182, 309-18	5.3	137
130	Alloimmunity-induced autoimmunity as a potential mechanism in the pathogenesis of chronic rejection of human lung allografts. <i>Journal of Heart and Lung Transplantation</i> , <b>2011</b> , 30, 624-31	5.8	130
129	The significance of a single episode of minimal acute rejection after lung transplantation. <i>Transplantation</i> , <b>2005</b> , 80, 1406-13	1.8	120
128	Antibodies to K- $\alpha$ 1 tubulin and collagen V are associated with chronic rejection after lung transplantation. <i>American Journal of Transplantation</i> , <b>2012</b> , 12, 2164-71	8.7	114
127	Acute antibody-mediated rejection after lung transplantation. <i>Journal of Heart and Lung Transplantation</i> , <b>2013</b> , 32, 1034-40	5.8	110
126	Immunological link between primary graft dysfunction and chronic lung allograft rejection. <i>Annals of Thoracic Surgery</i> , <b>2008</b> , 86, 189-95; discussion 196-7	2.7	105
125	Anti-HLA class I antibody binding to airway epithelial cells induces production of fibrogenic growth factors and apoptotic cell death: a possible mechanism for bronchiolitis obliterans syndrome. <i>Human Immunology</i> , <b>2003</b> , 64, 521-9	2.3	100
124	Early posttransplant inflammation promotes the development of alloimmunity and chronic human lung allograft rejection. <i>Transplantation</i> , <b>2007</b> , 83, 150-8	1.8	99
123	Antibodies to self-antigens predispose to primary lung allograft dysfunction and chronic rejection. <i>Annals of Thoracic Surgery</i> , <b>2010</b> , 90, 1094-101	2.7	95

122	Antibody mediated therapy targeting CD47 inhibits tumor progression of hepatocellular carcinoma. <i>Cancer Letters</i> , <b>2015</b> , 360, 302-9	9.9	90
121	CD4+25+ regulatory T cells limit Th1-autoimmunity by inducing IL-10 producing T cells following human lung transplantation. <i>American Journal of Transplantation</i> , <b>2006</b> , 6, 1799-808	8.7	89
120	Characterization of immune responses to cardiac self-antigens myosin and vimentin in human cardiac allograft recipients with antibody-mediated rejection and cardiac allograft vasculopathy. <i>Journal of Heart and Lung Transplantation</i> , <b>2010</b> , 29, 1277-85	5.8	84
119	Donor-Derived Exosomes With Lung Self-Antigens in Human Lung Allograft Rejection. <i>American Journal of Transplantation</i> , <b>2017</b> , 17, 474-484	8.7	75
118	Indirect allorecognition of mismatched donor HLA class II peptides in lung transplant recipients with bronchiolitis obliterans syndrome. <i>American Journal of Transplantation</i> , <b>2001</b> , 1, 228-35	8.7	67
117	Long-Term Persistence of Donor Alveolar Macrophages in Human Lung Transplant Recipients That Influences Donor-Specific Immune Responses. <i>American Journal of Transplantation</i> , <b>2016</b> , 16, 2300-11	8.7	67
116	Pre-exposure to sub-saturating concentrations of HLA class I antibodies confers resistance to endothelial cells against antibody complement-mediated lysis by regulating Bad through the phosphatidylinositol 3-kinase/Akt pathway. <i>European Journal of Immunology</i> , <b>2004</b> , 34, 2303-12	6.1	64
115	Pre-transplant antibodies to K $\alpha$ tubulin and collagen-V in lung transplantation: clinical correlations. <i>Journal of Heart and Lung Transplantation</i> , <b>2013</b> , 32, 807-14	5.8	62
114	Induction of IL-10 suppressors in lung transplant patients by CD4+25+ regulatory T cells through CTLA-4 signaling. <i>Journal of Immunology</i> , <b>2006</b> , 177, 5631-8	5.3	58
113	Antihuman leukocyte antigen antibody-induced autoimmunity: role in chronic rejection. <i>Current Opinion in Organ Transplantation</i> , <b>2010</b> , 15, 16-20	2.5	56
112	Safety and preliminary evidence of biologic efficacy of a mammaglobin-a DNA vaccine in patients with stable metastatic breast cancer. <i>Clinical Cancer Research</i> , <b>2014</b> , 20, 5964-75	12.9	54
111	Donor-specific antibodies to human leukocyte antigens are associated with and precede antibodies to major histocompatibility complex class I-related chain A in antibody-mediated rejection and cardiac allograft vasculopathy after human cardiac transplantation. <i>Human Immunology</i> , <b>2010</b> , 71, 1191-6	2.3	53
110	HLA class I antibody mediated accommodation of endothelial cells via the activation of PI3K/cAMP dependent PKA pathway. <i>Transplant Immunology</i> , <b>2006</b> , 15, 187-97	1.7	53
109	A significant role for histocompatibility in human islet transplantation. <i>Transplantation</i> , <b>2006</b> , 82, 180-7	1.8	51
108	Cutting edge: Pseudomonas aeruginosa abolishes established lung transplant tolerance by stimulating B7 expression on neutrophils. <i>Journal of Immunology</i> , <b>2012</b> , 189, 4221-5	5.3	50
107	Development of antibodies to human leukocyte antigen precedes development of antibodies to major histocompatibility class I-related chain A and are significantly associated with development of chronic rejection after human lung transplantation. <i>Human Immunology</i> , <b>2010</b> , 71, 560-5	2.3	47
106	Immune response to tissue-restricted self-antigens induces airway inflammation and fibrosis following murine lung transplantation. <i>American Journal of Transplantation</i> , <b>2014</b> , 14, 2359-66	8.7	43
105	Respiratory viral infection in lung transplantation induces exosomes that trigger chronic rejection. <i>Journal of Heart and Lung Transplantation</i> , <b>2020</b> , 39, 379-388	5.8	42

104	Immune responses to collagen-IV and fibronectin in renal transplant recipients with transplant glomerulopathy. <i>American Journal of Transplantation</i> , <b>2014</b> , 14, 685-93	8.7	42
103	Respiratory viral infection in obliterative airway disease after orthotopic tracheal transplantation. <i>Annals of Thoracic Surgery</i> , <b>2006</b> , 82, 1043-50	2.7	42
102	Circulating Exosomes with Distinct Properties during Chronic Lung Allograft Rejection. <i>Journal of Immunology</i> , <b>2018</b> , 200, 2535-2541	5.3	41
101	Efficacy of extracorporeal photopheresis in clearance of antibodies to donor-specific and lung-specific antigens in lung transplant recipients. <i>Journal of Heart and Lung Transplantation</i> , <b>2014</b> , 33, 950-6	5.8	41
100	A shift in the collagen V antigenic epitope leads to T helper phenotype switch and immune response to self-antigen leading to chronic lung allograft rejection. <i>Clinical and Experimental Immunology</i> , <b>2012</b> , 167, 158-68	6.2	39
99	Rapid detection of donor cell free DNA in lung transplant recipients with rejections using donor-recipient HLA mismatch. <i>Human Immunology</i> , <b>2017</b> , 78, 342-349	2.3	38
98	MicroRNA-144 dysregulates the transforming growth factor- $\beta$ signaling cascade and contributes to the development of bronchiolitis obliterans syndrome after human lung transplantation. <i>Journal of Heart and Lung Transplantation</i> , <b>2015</b> , 34, 1154-62	5.8	36
97	T regulatory cells play a significant role in modulating MHC class I antibody-induced obliterative airway disease. <i>American Journal of Transplantation</i> , <b>2012</b> , 12, 2663-74	8.7	35
96	Dysregulated MicroRNA Expression and Chronic Lung Allograft Rejection in Recipients With Antibodies to Donor HLA. <i>American Journal of Transplantation</i> , <b>2015</b> , 15, 1933-47	8.7	33
95	Models of Lung Transplant Research: a consensus statement from the National Heart, Lung, and Blood Institute workshop. <i>JCI Insight</i> , <b>2017</b> , 2,	9.9	33
94	HIF-1 $\beta$ signaling by airway epithelial cell K $\alpha$ -tubulin: role in fibrosis and chronic rejection of human lung allografts. <i>Cellular Immunology</i> , <b>2012</b> , 273, 59-66	4.4	31
93	Respiratory virus-induced dysregulation of T-regulatory cells leads to chronic rejection. <i>Annals of Thoracic Surgery</i> , <b>2010</b> , 90, 1637-44; discussion 1644	2.7	30
92	Exosomes expressing the self-antigens myosin and vimentin play an important role in syngeneic cardiac transplant rejection induced by antibodies to cardiac myosin. <i>American Journal of Transplantation</i> , <b>2018</b> , 18, 1626-1635	8.7	29
91	Alloimmunity and autoimmunity in chronic rejection. <i>Current Opinion in Organ Transplantation</i> , <b>2010</b> , 15, 531-6	2.5	29
90	Allopeptides and the alloimmune response. <i>Cellular Immunology</i> , <b>2007</b> , 248, 31-43	4.4	28
89	Human leukocyte antigens antibodies after lung transplantation: Primary results of the HALT study. <i>American Journal of Transplantation</i> , <b>2018</b> , 18, 2285-2294	8.7	26
88	The role of C4d deposition in the diagnosis of antibody-mediated rejection after lung transplantation. <i>American Journal of Transplantation</i> , <b>2018</b> , 18, 936-944	8.7	26
87	Temporal relationship between the development of anti-HLA antibodies and the development of bronchiolitis obliterans syndrome after lung transplantation. <i>Transplantation Proceedings</i> , <b>1999</b> , 31, 185- <sup>1</sup> <del>6</del>	1.1	26

86	Normothermic extracorporeal liver perfusion for donation after cardiac death (DCD) livers. <i>Surgery</i> , <b>2015</b> , 158, 1642-50	3.6	25
85	The impact of pre-transplant allosensitization on outcomes after lung transplantation. <i>Journal of Heart and Lung Transplantation</i> , <b>2015</b> , 34, 1415-22	5.8	25
84	CD47 blockade reduces ischemia/reperfusion injury and improves survival in a rat liver transplantation model. <i>Liver Transplantation</i> , <b>2015</b> , 21, 468-477	4.5	24
83	Modulation of immune responses following solid organ transplantation by microRNA. <i>Experimental and Molecular Pathology</i> , <b>2012</b> , 93, 378-85	4.4	24
82	Synergistic effect of antibodies to human leukocyte antigens and defensins in pathogenesis of bronchiolitis obliterans syndrome after human lung transplantation. <i>Journal of Heart and Lung Transplantation</i> , <b>2010</b> , 29, 1330-6	5.8	23
81	De novo development of antibodies to kidney-associated self-antigens angiotensin II receptor type I, collagen IV, and fibronectin occurs at early time points after kidney transplantation in children. <i>Pediatric Transplantation</i> , <b>2015</b> , 19, 499-503	1.8	22
80	Antibodies to MHC class II molecules induce autoimmunity: critical role for macrophages in the immunopathogenesis of obliterative airway disease. <i>PLoS ONE</i> , <b>2012</b> , 7, e42370	3.7	21
79	Lipid raft facilitated ligation of K-alpha1-tubulin by specific antibodies on epithelial cells: Role in pathogenesis of chronic rejection following human lung transplantation. <i>Biochemical and Biophysical Research Communications</i> , <b>2010</b> , 399, 251-5	3.4	21
78	Molecular mechanisms of chronic rejection following transplantation. <i>Immunologic Research</i> , <b>2005</b> , 32, 179-85	4.3	21
77	Tissue-associated self-antigens containing exosomes: Role in allograft rejection. <i>Human Immunology</i> , <b>2018</b> , 79, 653-658	2.3	20
76	A subcutaneous heterotopic limb transplantation model in the mouse for prolonged allograft survival. <i>Microsurgery</i> , <b>2001</b> , 21, 298-305	2.1	18
75	Cutting Edge: Circulating Exosomes with COVID Spike Protein Are Induced by BNT162b2 (Pfizer-BioNTech) Vaccination prior to Development of Antibodies: A Novel Mechanism for Immune Activation by mRNA Vaccines. <i>Journal of Immunology</i> , <b>2021</b> , 207, 2405-2410	5.3	17
74	Lung-Restricted Antibodies Mediate Primary Graft Dysfunction and Prevent Allotolerance after Murine Lung Transplantation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2016</b> , 55, 532-541	5.7	17
73	Role of Circulating MicroRNAs in the Immunopathogenesis of Rejection After Pediatric Lung Transplantation. <i>Transplantation</i> , <b>2017</b> , 101, 2461-2468	1.8	16
72	A novel mechanism for immune regulation after human lung transplantation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2019</b> , 157, 2096-2106	1.5	16
71	An obligatory role for lung infiltrating B cells in the immunopathogenesis of obliterative airway disease induced by antibodies to MHC class I molecules. <i>American Journal of Transplantation</i> , <b>2012</b> , 12, 867-76	8.7	16
70	De novo-developed antibodies to donor MHC antigens lead to dysregulation of microRNAs and induction of MHC class II. <i>Journal of Immunology</i> , <b>2015</b> , 194, 6133-43	5.3	15
69	Significant role for microRNA-21 affecting toll-like receptor pathway in primary graft dysfunction after human lung transplantation. <i>Journal of Heart and Lung Transplantation</i> , <b>2017</b> , 36, 331-339	5.8	15

68	Immune response to extracellular matrix collagen in chronic hepatitis C-induced liver fibrosis. <i>Liver Transplantation</i> , <b>2011</b> , 17, 814-23	4.5	15
67	Lung Injury Combined with Loss of Regulatory T Cells Leads to De Novo Lung-Restricted Autoimmunity. <i>Journal of Immunology</i> , <b>2016</b> , 197, 51-7	5.3	15
66	Increased concentration of soluble human leukocyte antigen class I levels in the bronchoalveolar lavage of human pulmonary allografts. <i>Journal of Heart and Lung Transplantation</i> , <b>1997</b> , 16, 1135-40	5.8	15
65	Animal models for bronchiolitis obliterans syndrome following human lung transplantation. <i>Immunologic Research</i> , <b>2005</b> , 33, 69-81	4.3	14
64	Lung Retransplantation for Chronic Rejection: A Single-Center Experience. <i>Annals of Thoracic Surgery</i> , <b>2018</b> , 105, 221-227	2.7	14
63	Immune Responses to Tissue-Restricted Nonmajor Histocompatibility Complex Antigens in Allograft Rejection. <i>Journal of Immunology Research</i> , <b>2017</b> , 2017, 6312514	4.5	13
62	Cardiac antibody production to self-antigens in children and adolescents during and following the correction of severe diabetic ketoacidosis. <i>Autoimmunity</i> , <b>2016</b> , 49, 188-96	3	13
61	Zbtb7a induction in alveolar macrophages is implicated in anti-HLA-mediated lung allograft rejection. <i>Science Translational Medicine</i> , <b>2017</b> , 9,	17.5	13
60	Mechanism of accommodation in a sensitized human leukocyte antigen transgenic murine cardiac transplant model. <i>Transplantation</i> , <b>2012</b> , 93, 364-72	1.8	13
59	Characterization of virus-specific T-cell immunity in liver allograft recipients with HCV-induced cirrhosis. <i>American Journal of Transplantation</i> , <b>2008</b> , 8, 1214-20	8.7	13
58	<i>Pseudomonas aeruginosa</i> and acute rejection independently increase the risk of donor-specific antibodies after lung transplantation. <i>American Journal of Transplantation</i> , <b>2020</b> , 20, 1028-1038	8.7	13
57	The role of exosomes in allograft immunity. <i>Cellular Immunology</i> , <b>2018</b> , 331, 85-92	4.4	12
56	New Answers to Old Conundrums: What Antibodies, Exosomes and Inflammasomes Bring to the Conversation. Canadian National Transplant Research Program International Summit Report. <i>Transplantation</i> , <b>2018</b> , 102, 209-214	1.8	11
55	Isolation and In Vitro Culture of Murine and Human Alveolar Macrophages. <i>Journal of Visualized Experiments</i> , <b>2018</b> ,	1.6	11
54	CD4+ T cell recognition of a single discordant HLA-A2-transgenic molecule through the indirect antigen presentation pathway induces acute rejection of murine cardiac allografts. <i>Transplantation</i> , <b>2001</b> , 71, 1640-8	1.8	11
53	Respiratory virus infections and chronic lung allograft dysfunction: Assessment of virology determinants. <i>Journal of Heart and Lung Transplantation</i> , <b>2016</b> , 35, 946-7	5.8	11
52	Study rationale, design, and pretransplantation alloantibody status: A first report of Clinical Trials in Organ Transplantation in Children-04 (CTOTC-04) in pediatric heart transplantation. <i>American Journal of Transplantation</i> , <b>2018</b> , 18, 2135-2147	8.7	10
51	Maternal T-Cell Engraftment Interferes With Human Leukocyte Antigen Typing in Severe Combined Immunodeficiency. <i>American Journal of Clinical Pathology</i> , <b>2016</b> , 145, 251-7	1.9	10

50	Absence of evidence that respiratory viral infections influence pediatric lung transplantation outcomes: Results of the CTOTC-03 study. <i>American Journal of Transplantation</i> , <b>2019</b> , 19, 3284-3298	8.7	9
49	Prevalence of antibodies to lung self-antigens (K $\alpha$ tubulin and collagen V) and donor specific antibodies to HLA in lung transplant recipients and implications for lung transplant outcomes: Single center experience. <i>Transplant Immunology</i> , <b>2019</b> , 54, 65-72	1.7	9
48	Donor-derived regulatory dendritic cell infusion results in host cell cross-dressing and T cell subset changes in prospective living donor liver transplant recipients. <i>American Journal of Transplantation</i> , <b>2021</b> , 21, 2372-2386	8.7	9
47	Circulating exosomes with lung self-antigens as a biomarker for chronic lung allograft dysfunction: A retrospective analysis. <i>Journal of Heart and Lung Transplantation</i> , <b>2020</b> , 39, 1210-1219	5.8	9
46	Humoral Human Lung Allograft Rejection by Tissue-Restricted Non-HLA Antibodies. <i>Annals of Thoracic Surgery</i> , <b>2016</b> , 102, e339-41	2.7	9
45	The role of donor-derived exosomes in lung allograft rejection. <i>Human Immunology</i> , <b>2019</b> , 80, 588-594	2.3	8
44	Autoimmunity and lung transplantation. <i>Frontiers in Bioscience - Elite</i> , <b>2012</b> , 4, 2378-88	1.6	8
43	COVID-19 in a lung transplant recipient: Exploring the diagnostic role of circulating exosomes and the clinical impact of advanced immunosuppression. <i>Transplant Infectious Disease</i> , <b>2021</b> , 23, e13480	2.7	8
42	Global Proteomics Analysis of Circulating Extracellular Vesicles Isolated from Lung Transplant Recipients. <i>ACS Omega</i> , <b>2020</b> , 5, 14360-14369	3.9	7
41	Immunoglobulin isotype switching of antibodies to vimentin is associated with development of transplant glomerulopathy following human renal transplantation. <i>Transplant Immunology</i> , <b>2017</b> , 45, 42-47	1.7	7
40	Development of bronchiolitis obliterans syndrome despite blood chimerism in human lung transplant recipients. <i>Transplant International</i> , <b>1999</b> , 12, 439-446	3	7
39	Decline in Club Cell Secretory Proteins, Exosomes Induction and Immune Responses to Lung Self-antigens, K $\alpha$ Tubulin and Collagen V, Leading to Chronic Rejection After Human Lung Transplantation. <i>Transplantation</i> , <b>2021</b> , 105, 1337-1346	1.8	7
38	The role of miRNA-155 in the immunopathogenesis of obliterative airway disease in mice induced by circulating exosomes from human lung transplant recipients with chronic lung allograft dysfunction. <i>Cellular Immunology</i> , <b>2020</b> , 355, 104172	4.4	7
37	B Cell-Activating Transcription Factor Plays a Critical Role in the Pathogenesis of Anti-Major Histocompatibility Complex-Induced Obliterative Airway Disease. <i>American Journal of Transplantation</i> , <b>2016</b> , 16, 1173-82	8.7	7
36	ABO incompatible renal transplants and decreased likelihood for developing immune responses to HLA and kidney self-antigens. <i>Human Immunology</i> , <b>2016</b> , 77, 76-83	2.3	6
35	Autologous and Allogeneous Antibodies in Lung and Islet Cell Transplantation. <i>Frontiers in Immunology</i> , <b>2016</b> , 7, 650	8.4	6
34	Development of immune response to tissue-restricted self-antigens in simultaneous kidney-pancreas transplant recipients with acute rejection. <i>Clinical Transplantation</i> , <b>2017</b> , 31, e13009	3.8	5
33	Perioperative blood transfusion affects hepatitis C virus (HCV)-specific immune responses and outcome following liver transplantation in HCV-infected patients. <i>Hpb</i> , <b>2014</b> , 16, 282-94	3.8	5

32	Elevated soluble CD30 characterizes patients with hepatitis C virus-induced liver allograft cirrhosis. <i>Transplantation</i> , <b>2007</b> , 84, 1704-7	1.8	5
31	Residual endotoxin induces primary graft dysfunction through ischemia/reperfusion-primed alveolar macrophages. <i>Journal of Clinical Investigation</i> , <b>2020</b> , 130, 4456-4469	15.9	5
30	Clinical relevance of lung-restricted antibodies in lung transplantation. <i>Human Immunology</i> , <b>2019</b> , 80, 595-601	2.3	4
29	Role of alloimmunity and autoimmunity in allograft rejection. <i>Clinical Transplants</i> , <b>2013</b> , 325-32		4
28	Distinct molecular and immunological properties of circulating exosomes isolated from pediatric lung transplant recipients with bronchiolitis obliterans syndrome - a retrospective study. <i>Transplant International</i> , <b>2020</b> , 33, 1491-1502	3	4
27	Crosstalk between nonclassical monocytes and alveolar macrophages mediates transplant ischemia-reperfusion injury through classical monocyte recruitment. <i>JCI Insight</i> , <b>2021</b> , 6,	9.9	4
26	Pre-existing self-reactive IgA antibodies associated with primary graft dysfunction after lung transplantation. <i>Transplant Immunology</i> , <b>2020</b> , 59, 101271	1.7	3
25	Analysis of circulating exosomes reveals a peripheral signature of astrocytic pathology in schizophrenia. <i>World Journal of Biological Psychiatry</i> , <b>2021</b> , 1-13	3.8	3
24	Chronic Lung Allograft Dysfunction: Immune Responses Induced by Circulating Exosomes with Lung-Associated Self-Antigens. <i>Critical Reviews in Immunology</i> , <b>2019</b> , 39, 123-134	1.8	3
23	Autoantibodies in lung transplantation. <i>Transplant International</i> , <b>2020</b> , 33, 41-49	3	3
22	An update on current treatment strategies for managing bronchiolitis obliterans syndrome after lung transplantation. <i>Expert Review of Respiratory Medicine</i> , <b>2021</b> , 15, 339-350	3.8	3
21	Restrictive allograft syndrome vs bronchiolitis obliterans syndrome: Immunological and molecular characterization of circulating exosomes. <i>Journal of Heart and Lung Transplantation</i> , <b>2021</b> ,	5.8	3
20	The detection of donor-derived cell-free DNA may serve as a biomarker for the early detection of chronic lung allograft dysfunction. <i>EBioMedicine</i> , <b>2019</b> , 40, 13-14	8.8	2
19	Increased Sensitization To HLA and To Cardiac Self-Antigens (Myosin and Vimentin) in Patients Waiting for Cardiac Transplantation With Left Ventricular Assisting Device (LVAD). <i>Journal of Heart and Lung Transplantation</i> , <b>2014</b> , 33, S25	5.8	2
18	Tissue-specific HLA class I restricted CTL are a significant subpopulation of graft-infiltrating lymphocytes during rejection. <i>Transplantation Proceedings</i> , <b>1997</b> , 29, 87-8	1.1	2
17	High Resolution HLA Typing by Next Generation Exome Sequencing. <i>Blood</i> , <b>2012</b> , 120, 4166-4166	2.2	2
16	SARS-CoV-2 infection in lung transplant recipients induces circulating exosomes with SARS-CoV-2 spike protein S2. <i>Clinical and Translational Medicine</i> , <b>2021</b> , 11, e576	5.7	2
15	Immune responses to self-antigens (autoimmunity) in allograft rejection. <i>Clinical Transplants</i> , <b>2012</b> , 261-72		2



14	Regulation of xeno-reactive CD4+ T cells by CD8+CD28- T suppressor cells. <i>Transplantation</i> , <b>2000</b> , 69, 1233-4	1.8	2
13	A decline in club cell secretory proteins in lung transplantation is associated with release of natural killer cells exosomes leading to chronic rejection. <i>Journal of Heart and Lung Transplantation</i> , <b>2021</b> , 40, 1517-1528	5.8	2
12	Transplantation: recognizing self versus non-self: new territory for monocytes. <i>Nature Reviews Nephrology</i> , <b>2014</b> , 10, 548-9	14.9	1
11	Novel role for tumor suppressor gene, liver kinase B1, in epithelial mesenchymal transition leading to chronic lung allograft dysfunction. <i>American Journal of Transplantation</i> , <b>2021</b> ,	8.7	1
10	Circulating exosomes induced by respiratory viral infections in lung transplant recipients activate cellular stress, innate immune pathways and epithelial to mesenchymal transition. <i>Transplant Immunology</i> , <b>2021</b> , 69, 101480	1.7	1
9	Epidemiology and persistence of rhinovirus in pediatric lung transplantation. <i>Transplant Infectious Disease</i> , <b>2020</b> , 22, e13422	2.7	1
8	A potential mechanism by which aspiration of duodenogastric fluid augments the risk for bronchiolitis obliterans syndrome after lung transplantation.. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2022</b> ,	1.5	1
7	Nonclassical Monocytes Promote Edema in Lung Allografts from Traumatic Brain Injury Donors. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2021</b> , 64, 391-394	5.7	0
6	Extracellular Vesicles Mediate Immune Responses to Tissue-Associated Self-Antigens: Role in Solid Organ Transplantations.. <i>Frontiers in Immunology</i> , <b>2022</b> , 13, 861583	8.4	0
5	Molecular events contributing to successful pediatric cardiac transplantation in HLA sensitized recipients. <i>Human Immunology</i> , <b>2019</b> , 80, 248-256	2.3	
4	Auto-inflammation and auto-immunity pathways are associated with emergence of BOS in pediatric lung transplantation.. <i>Pediatric Transplantation</i> , <b>2022</b> , e14247	1.8	
3	MicroRNA-144 is unlikely to play a role in bronchiolitis obliterans syndrome. <i>Journal of Heart and Lung Transplantation</i> , <b>2016</b> , 35, 543-4	5.8	
2	Response to Comment on "Cutting Edge: Circulating Exosomes with COVID Spike Protein Are Induced by BNT162b2 (Pfizer-BioNTech) Vaccination prior to Development of Antibodies: A Novel Mechanism for Immune Activation by mRNA Vaccines".. <i>Journal of Immunology</i> , <b>2022</b> , 208, 1833-1834	5.3	
1	Pre-existing Ab against vimentin leads to false-positive HLA Ab results in two pediatric heart transplant candidates.. <i>Pediatric Transplantation</i> , <b>2022</b> , e14302	1.8	