

Mohamed H Sayegh

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258
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25,372
ext. citations

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L-index

#	Paper	IF	Citations
247	Identification of cells initiating human melanomas. <i>Nature</i> , 2008 , 451, 345-9	50.4	1143
246	Tissue expression of PD-L1 mediates peripheral T cell tolerance. <i>Journal of Experimental Medicine</i> , 2006 , 203, 883-95	16.6	875
245	Delayed graft function in kidney transplantation. <i>Lancet, The</i> , 2004 , 364, 1814-27	40	704
244	The programmed death-1 (PD-1) pathway regulates autoimmune diabetes in nonobese diabetic (NOD) mice. <i>Journal of Experimental Medicine</i> , 2003 , 198, 63-9	16.6	592
243	The role of T-cell costimulatory activation pathways in transplant rejection. <i>New England Journal of Medicine</i> , 1998 , 338, 1813-21	59.2	490
242	ABCB5-mediated doxorubicin transport and chemoresistance in human malignant melanoma. <i>Cancer Research</i> , 2005 , 65, 4320-33	10.1	473
241	Allogeneic bone marrow transplantation with co-stimulatory blockade induces macrochimerism and tolerance without cytoreductive host treatment. <i>Nature Medicine</i> , 2000 , 6, 464-9	50.5	453
240	Quantifying the frequency of alloreactive T cells in vivo: new answers to an old question. <i>Journal of Immunology</i> , 2001 , 166, 973-81	5.3	424
239	Antibody-induced transplant arteriosclerosis is prevented by graft expression of anti-oxidant and anti-apoptotic genes. <i>Nature Medicine</i> , 1998 , 4, 1392-6	50.5	421
238	Anaritide in acute tubular necrosis. Auriculin Anaritide Acute Renal Failure Study Group. <i>New England Journal of Medicine</i> , 1997 , 336, 828-34	59.2	399
237	Critical role of the programmed death-1 (PD-1) pathway in regulation of experimental autoimmune encephalomyelitis. <i>Journal of Experimental Medicine</i> , 2003 , 198, 71-8	16.6	393
236	Immunomodulation by mesenchymal stem cells: a potential therapeutic strategy for type 1 diabetes. <i>Diabetes</i> , 2008 , 57, 1759-67	0.9	371
235	Homeostatic proliferation is a barrier to transplantation tolerance. <i>Nature Medicine</i> , 2004 , 10, 87-92	50.5	360
234	Immunosuppressive strategies in transplantation. <i>Lancet, The</i> , 1999 , 353, 1083-91	40	348
233	Regulatory B cells are identified by expression of TIM-1 and can be induced through TIM-1 ligation to promote tolerance in mice. <i>Journal of Clinical Investigation</i> , 2011 , 121, 3645-56	15.9	348
232	Effects of explosive brain death on cytokine activation of peripheral organs in the rat. <i>Transplantation</i> , 1998 , 65, 1533-42	1.8	331
231	Transplantation 50 years later--progress, challenges, and promises. <i>New England Journal of Medicine</i> , 2004 , 351, 2761-6	59.2	317

230	Immunomodulatory function of bone marrow-derived mesenchymal stem cells in experimental autoimmune type 1 diabetes. <i>Journal of Immunology</i> , 2009 , 183, 993-1004	5.3	316
229	A novel mechanism of action for anti-thymocyte globulin: induction of CD4+CD25+Foxp3+ regulatory T cells. <i>Journal of the American Society of Nephrology: JASN</i> , 2006 , 17, 2844-53	12.7	316
228	A critical role for the programmed death ligand 1 in fetomaternal tolerance. <i>Journal of Experimental Medicine</i> , 2005 , 202, 231-7	16.6	316
227	Programmed death 1 ligand signaling regulates the generation of adaptive Foxp3+CD4+ regulatory T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 9331-6	11.5	313
226	Extrathymic T cell deletion and allogeneic stem cell engraftment induced with costimulatory blockade is followed by central T cell tolerance. <i>Journal of Experimental Medicine</i> , 1998 , 187, 2037-44	16.6	312
225	Insulin-induced remission in new-onset NOD mice is maintained by the PD-1-PD-L1 pathway. <i>Journal of Experimental Medicine</i> , 2006 , 203, 2737-47	16.6	251
224	A novel role of CD4 Th17 cells in mediating cardiac allograft rejection and vasculopathy. <i>Journal of Experimental Medicine</i> , 2008 , 205, 3133-44	16.6	245
223	Indirect allorecognition of major histocompatibility complex allopeptides in human renal transplant recipients with chronic graft dysfunction. <i>Transplantation</i> , 1997 , 64, 795-800	1.8	241
222	Favorably tipping the balance between cytopathic and regulatory T cells to create transplantation tolerance. <i>Immunity</i> , 2003 , 19, 503-14	32.3	222
221	Immunologic tolerance to renal allografts after bone marrow transplants from the same donors. <i>Annals of Internal Medicine</i> , 1991 , 114, 954-5	8	211
220	Regulatory functions of CD8+CD28- T cells in an autoimmune disease model. <i>Journal of Clinical Investigation</i> , 2003 , 112, 1037-48	15.9	204
219	CD4+ T cells mediate abscess formation in intra-abdominal sepsis by an IL-17-dependent mechanism. <i>Journal of Immunology</i> , 2003 , 170, 1958-63	5.3	201
218	Regulatory CD25+ T cells in human kidney transplant recipients. <i>Journal of the American Society of Nephrology: JASN</i> , 2003 , 14, 1643-51	12.7	192
217	T-cell costimulatory pathways in allograft rejection and tolerance. <i>Immunological Reviews</i> , 2003 , 196, 85-108	11.3	190
216	Maternal acceptance of the fetus: true human tolerance. <i>Journal of Immunology</i> , 2007 , 178, 3345-51	5.3	186
215	The roles of the new negative T cell costimulatory pathways in regulating autoimmunity. <i>Immunity</i> , 2004 , 20, 529-38	32.3	183
214	Calcineurin inhibitors: 40 years later, can't live without. <i>Journal of Immunology</i> , 2013 , 191, 5785-91	5.3	175
213	Regulation of progenitor cell fusion by ABCB5 P-glycoprotein, a novel human ATP-binding cassette transporter. <i>Journal of Biological Chemistry</i> , 2003 , 278, 47156-65	5.4	173

212	Allograft rejection mediated by memory T cells is resistant to regulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 19954-9	11.5	168
211	Costimulatory pathways in transplantation: challenges and new developments. <i>Immunological Reviews</i> , 2009 , 229, 271-93	11.3	167
210	Proinflammatory functions of vascular endothelial growth factor in alloimmunity. <i>Journal of Clinical Investigation</i> , 2003 , 112, 1655-65	15.9	167
209	Mechanisms of T cell recognition of alloantigen. The role of peptides. <i>Transplantation</i> , 1994 , 57, 1295-302	8	162
208	Role of the programmed death-1 pathway in regulation of alloimmune responses in vivo. <i>Journal of Immunology</i> , 2005 , 174, 3408-15	5.3	157
207	Effect of targeted disruption of STAT4 and STAT6 on the induction of experimental autoimmune encephalomyelitis. <i>Journal of Clinical Investigation</i> , 2001 , 108, 739-747	15.9	152
206	PDL1 is required for peripheral transplantation tolerance and protection from chronic allograft rejection. <i>Journal of Immunology</i> , 2007 , 179, 5204-10	5.3	147
205	CD28-B7 blockade prevents the development of experimental autoimmune glomerulonephritis. <i>Journal of Clinical Investigation</i> , 2000 , 105, 643-51	15.9	141
204	Role of indirect allorecognition in allograft rejection. <i>International Reviews of Immunology</i> , 1996 , 13, 221-9	4.6	138
203	Memory T cells: a hurdle to immunologic tolerance. <i>Journal of the American Society of Nephrology: JASN</i> , 2003 , 14, 2402-10	12.7	136
202	The programmed death-1 ligand 1:B7-1 pathway restrains diabetogenic effector T cells in vivo. <i>Journal of Immunology</i> , 2011 , 187, 1097-105	5.3	128
201	Analysis of the role of negative T cell costimulatory pathways in CD4 and CD8 T cell-mediated alloimmune responses in vivo. <i>Journal of Immunology</i> , 2005 , 174, 6648-56	5.3	127
200	The link between the PDL1 costimulatory pathway and Th17 in fetomaternal tolerance. <i>Journal of Immunology</i> , 2011 , 187, 4530-41	5.3	125
199	The role of novel T cell costimulatory pathways in autoimmunity and transplantation. <i>Journal of the American Society of Nephrology: JASN</i> , 2002 , 13, 559-575	12.7	125
198	Accelerated memory cell homeostasis during T cell depletion and approaches to overcome it. <i>Journal of Immunology</i> , 2006 , 176, 4632-9	5.3	124
197	Is the administration of dopamine associated with adverse or favorable outcomes in acute renal failure? Auriculin Anaritide Acute Renal Failure Study Group. <i>American Journal of Medicine</i> , 1996 , 101, 49-53	2.4	123
196	Recipient MHC class II expression is required to achieve long-term survival of murine cardiac allografts after costimulatory blockade. <i>Journal of Immunology</i> , 2001 , 167, 5522-6	5.3	118
195	Thymic recognition of class II major histocompatibility complex allopeptides induces donor-specific unresponsiveness to renal allografts. <i>Transplantation</i> , 1993 , 56, 461-5	1.8	117

194	Congenetic mesenchymal stem cell therapy reverses hyperglycemia in experimental type 1 diabetes. <i>Diabetes</i> , 2010 , 59, 3139-47	0.9	116
193	The role of CD154-CD40 versus CD28-B7 costimulatory pathways in regulating allogeneic Th1 and Th2 responses in vivo. <i>Journal of Clinical Investigation</i> , 2000 , 106, 63-72	15.9	114
192	A link between PDL1 and T regulatory cells in fetomaternal tolerance. <i>Journal of Immunology</i> , 2007 , 179, 5211-9	5.3	113
191	Critical, but conditional, role of OX40 in memory T cell-mediated rejection. <i>Journal of Immunology</i> , 2006 , 176, 1394-401	5.3	112
190	Targeting CD22 reprograms B-cells and reverses autoimmune diabetes. <i>Diabetes</i> , 2008 , 57, 3013-24	0.9	109
189	UPREGULATION OF CYTOKINES ASSOCIATED WITH MACROPHAGE ACTIVATION IN THE LEWIS-TO-F344 RAT TRANSPLANTATION MODEL OF CHRONIC CARDIAC REJECTION ^{1,2} . <i>Transplantation</i> , 1995 , 59, 572-578	1.8	108
188	Differential engagement of Tim-1 during activation can positively or negatively costimulate T cell expansion and effector function. <i>Journal of Experimental Medicine</i> , 2007 , 204, 1691-702	16.6	107
187	The role of the ICOS-B7h T cell costimulatory pathway in transplantation immunity. <i>Journal of Clinical Investigation</i> , 2003 , 112, 234-243	15.9	107
186	Enzyme-linked immunosorbent spot assay analysis of peripheral blood lymphocyte reactivity to donor HLA-DR peptides: potential novel assay for prediction of outcomes for renal transplant recipients. <i>Journal of the American Society of Nephrology: JASN</i> , 2002 , 13, 252-259	12.7	105
185	Differential role of programmed death-ligand 1 [corrected] and programmed death-ligand 2 [corrected] in regulating the susceptibility and chronic progression of experimental autoimmune encephalomyelitis. <i>Journal of Immunology</i> , 2006 , 176, 3480-9	5.3	104
184	CTLA-4 up-regulation plays a role in tolerance mediated by CD45. <i>Nature Immunology</i> , 2001 , 2, 58-63	19.1	104
183	CD28-independent costimulation of T cells in alloimmune responses. <i>Journal of Immunology</i> , 2001 , 167, 140-6	5.3	104
182	Specificity of CD4+CD25+ regulatory T cell function in alloimmunity. <i>Journal of Immunology</i> , 2006 , 176, 329-34	5.3	103
181	Peripheral deletion after bone marrow transplantation with costimulatory blockade has features of both activation-induced cell death and passive cell death. <i>Journal of Immunology</i> , 2001 , 166, 2311-6	5.3	102
180	Oral, but not intravenous, alloantigen prevents accelerated allograft rejection by selective intragraft Th2 cell activation. <i>Transplantation</i> , 1993 , 55, 1112-8	1.8	102
179	The novel costimulatory programmed death ligand 1/B7.1 pathway is functional in inhibiting alloimmune responses in vivo. <i>Journal of Immunology</i> , 2011 , 187, 1113-9	5.3	99
178	Anti-CD154 or CTLA4Ig obviates the need for thymic irradiation in a non-myeloablative conditioning regimen for the induction of mixed hematopoietic chimerism and tolerance. <i>Transplantation</i> , 1999 , 68, 1348-55	1.8	98
177	Critical role of OX40 in CD28 and CD154-independent rejection. <i>Journal of Immunology</i> , 2004 , 172, 1691-3	5.3	96

176	Endothelial cells modify the costimulatory capacity of transmigrating leukocytes and promote CD28-mediated CD4(+) T cell alloactivation. <i>Journal of Experimental Medicine</i> , 1999 , 190, 555-66	16.6	96
175	MECHANISMS OF ACQUIRED THYMIC UNRESPONSIVENESS TO RENAL ALLOGRAFTS. <i>Transplantation</i> , 1994 , 58, 125-132	1.8	96
174	Donor antigen is necessary for the prevention of chronic rejection in CTLA4Ig-treated murine cardiac allograft recipients. <i>Transplantation</i> , 1997 , 64, 1646-50	1.8	94
173	Role of podocyte B7-1 in diabetic nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2014 , 25, 1415-29	12.7	92
172	Mechanisms of PDL1-mediated regulation of autoimmune diabetes. <i>Clinical Immunology</i> , 2007 , 125, 16-25		92
171	T-cell costimulatory pathways in allograft rejection and tolerance. <i>Transplantation</i> , 2005 , 80, 555-63	1.8	91
170	CD28-b7 blockade in organ dysfunction secondary to cold ischemia/reperfusion injury. <i>Kidney International</i> , 1997 , 52, 1678-84	9.9	90
169	Challenges to achieving clinical transplantation tolerance. <i>Journal of Clinical Investigation</i> , 2001 , 108, 943-948	15.9	89
168	The emerging role of T cell Ig mucin 1 in alloimmune responses in an experimental mouse transplant model. <i>Journal of Clinical Investigation</i> , 2008 , 118, 742-51	15.9	88
167	MECHANISMS OF ALLO-RECOGNITION. <i>Transplantation</i> , 1994 , 57, 572-576	1.8	85
166	Chronic rejection in experimental cardiac transplantation: studies in the Lewis-F344 model. <i>Immunological Reviews</i> , 1993 , 134, 5-19	11.3	83
165	CD70 signaling is critical for CD28-independent CD8+ T cell-mediated alloimmune responses in vivo. <i>Journal of Immunology</i> , 2005 , 174, 1357-64	5.3	82
164	Neural stem/progenitor cells express costimulatory molecules that are differentially regulated by inflammatory and apoptotic stimuli. <i>American Journal of Pathology</i> , 2004 , 164, 1615-25	5.8	81
163	Targeting signal 1 through CD45RB synergizes with CD40 ligand blockade and promotes long term engraftment and tolerance in stringent transplant models. <i>Journal of Immunology</i> , 2001 , 166, 322-9	5.3	81
162	The role of the CD134-CD134 ligand costimulatory pathway in alloimmune responses in vivo. <i>Journal of Immunology</i> , 2003 , 170, 2949-55	5.3	80
161	CD4+ T cells regulate surgical and postinfectious adhesion formation. <i>Journal of Experimental Medicine</i> , 2002 , 195, 1471-8	16.6	79
160	New insights into the interactions between T-cell costimulatory blockade and conventional immunosuppressive drugs. <i>Annals of Surgery</i> , 2002 , 236, 667-75	7.8	78
159	Regulatory functions of self-restricted MHC class II allopeptide-specific Th2 clones in vivo. <i>Journal of Clinical Investigation</i> , 2001 , 107, 909-16	15.9	77

158	Long-term heart transplant survival by targeting the ionotropic purinergic receptor P2X7. <i>Circulation</i> , 2013 , 127, 463-75	16.7	76
157	Critical role of donor tissue expression of programmed death ligand-1 in regulating cardiac allograft rejection and vasculopathy. <i>Circulation</i> , 2008 , 117, 660-9	16.7	76
156	Regulation by CD25+ lymphocytes of autoantigen-specific T-cell responses in Goodpasture's (anti-GBM) disease. <i>Kidney International</i> , 2003 , 64, 1685-94	9.9	76
155	The role of CC chemokine receptor 5 (CCR5) in islet allograft rejection. <i>Diabetes</i> , 2002 , 51, 2489-95	0.9	76
154	Mechanisms underlying blockade of allograft acceptance by TLR ligands. <i>Journal of Immunology</i> , 2008 , 181, 1692-9	5.3	75
153	Why do we reject a graft? Role of indirect allorecognition in graft rejection. <i>Kidney International</i> , 1999 , 56, 1967-79	9.9	75
152	Physiological mechanisms of regulating alloimmunity: cytokines, CTLA-4, CD25+ cells, and the alloreactive T cell clone size. <i>Journal of Immunology</i> , 2002 , 169, 3744-51	5.3	73
151	The CD154-CD40 costimulatory pathway in transplantation. <i>Transplantation</i> , 2002 , 73, S36-9	1.8	73
150	Immunomodulatory functions of mesenchymal stem cells. <i>Lancet, The</i> , 2004 , 363, 1411-2	4.0	72
149	CTLA4-Ig: a novel immunosuppressive agent. <i>Expert Opinion on Investigational Drugs</i> , 2000 , 9, 2147-57	5.9	70
148	Costimulatory pathways in transplantation. <i>Seminars in Immunology</i> , 2011 , 23, 293-303	10.7	69
147	Role of CXC chemokine receptor 3 pathway in renal ischemic injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2006 , 17, 716-23	12.7	67
146	Cutting edge: transplantation tolerance through enhanced CTLA-4 expression. <i>Journal of Immunology</i> , 2003 , 171, 5673-7	5.3	67
145	Alloreactive T cell responses and acute rejection of single class II MHC-disparate heart allografts are under strict regulation by CD4+ CD25+ T cells. <i>Journal of Immunology</i> , 2005 , 174, 3741-8	5.3	67
144	Indirect allorecognition of mismatched donor HLA class II peptides in lung transplant recipients with bronchiolitis obliterans syndrome. <i>American Journal of Transplantation</i> , 2001 , 1, 228-35	8.7	67
143	Hepatocyte growth factor prevents the development of chronic allograft nephropathy in rats. <i>Journal of the American Society of Nephrology: JASN</i> , 2001 , 12, 1280-1292	12.7	66
142	Effect of the purinergic inhibitor oxidized ATP in a model of islet allograft rejection. <i>Diabetes</i> , 2013 , 62, 1665-75	0.9	65
141	Targeting the CXCR4-CXCL12 axis mobilizes autologous hematopoietic stem cells and prolongs islet allograft survival via programmed death ligand 1. <i>Journal of Immunology</i> , 2011 , 186, 121-31	5.3	65

140	Differential role of CCR2 in islet and heart allograft rejection: tissue specificity of chemokine/chemokine receptor function in vivo. <i>Journal of Immunology</i> , 2004 , 172, 767-75	5.3	64
139	Peptide-mediated immunosuppression. <i>Current Opinion in Immunology</i> , 1997 , 9, 669-75	7.8	62
138	Interleukin-10+ regulatory B cells arise within antigen-experienced CD40+ B cells to maintain tolerance to islet autoantigens. <i>Diabetes</i> , 2015 , 64, 158-71	0.9	61
137	CD28-independent induction of experimental autoimmune encephalomyelitis. <i>Journal of Clinical Investigation</i> , 2001 , 107, 575-83	15.9	61
136	Avoidance of cyclosporine in renal transplantation: effects of daclizumab, mycophenolate mofetil, and steroids. <i>Journal of the American Society of Nephrology: JASN</i> , 2000 , 11, 1903-1909	12.7	61
135	Targeting Tim-1 to overcome resistance to transplantation tolerance mediated by CD8 T17 cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 10734-9	11.5	59
134	CD28-B7-mediated T cell costimulation in chronic cardiac allograft rejection: differential role of B7-1 in initiation versus progression of graft arteriosclerosis. <i>American Journal of Pathology</i> , 2001 , 158, 977-86	5.8	59
133	THE INDIRECT PATHWAY OF ALLORECOGNITION. <i>Transplantation</i> , 1995 , 59, 612-616	1.8	59
132	Th1 cytokines, programmed cell death, and alloreactive T cell clone size in transplant tolerance. <i>Journal of Clinical Investigation</i> , 2002 , 109, 1471-1479	15.9	59
131	Immunosuppressive drugs and Tregs: a critical evaluation!. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2009 , 4, 1661-9	6.9	57
130	A novel clinically relevant strategy to abrogate autoimmunity and regulate alloimmunity in NOD mice. <i>Diabetes</i> , 2010 , 59, 2253-64	0.9	56
129	Specific MDR1 P-glycoprotein blockade inhibits human alloimmune T cell activation in vitro. <i>Journal of Immunology</i> , 2001 , 166, 2451-9	5.3	56
128	Cellular and humoral mechanisms of vascularized allograft rejection induced by indirect recognition of donor MHC allopeptides. <i>Transplantation</i> , 1999 , 67, 1523-32	1.8	56
127	Thymic dendritic cells express inducible nitric oxide synthase and generate nitric oxide in response to self- and alloantigens. <i>Journal of Immunology</i> , 2000 , 164, 4649-58	5.3	55
126	The role of autoimmunity in islet allograft destruction: major histocompatibility complex class II matching is necessary for autoimmune destruction of allogeneic islet transplants after T-cell costimulatory blockade. <i>Diabetes</i> , 2002 , 51, 3202-10	0.9	55
125	Finally, CTLA4Ig graduates to the clinic. <i>Journal of Clinical Investigation</i> , 1999 , 103, 1223-5	15.9	53
124	New reagents on the horizon for immune tolerance. <i>Annual Review of Medicine</i> , 2007 , 58, 329-46	17.4	52
123	Clinical transplantation tolerance: many rivers to cross. <i>Journal of Immunology</i> , 2007 , 178, 5419-23	5.3	50

122	Depleting anti-CD4 monoclonal antibody cures new-onset diabetes, prevents recurrent autoimmune diabetes, and delays allograft rejection in nonobese diabetic mice. <i>Transplantation</i> , 2004 , 77, 990-7	1.8	50
121	The relative contribution of direct and indirect antigen recognition pathways to the alloresponse and graft rejection depends upon the nature of the transplant. <i>Human Immunology</i> , 2002 , 63, 912-25	2.3	50
120	The effects of nondepleting CD4 targeted therapy in presensitized rat recipients of cardiac allografts. <i>Transplantation</i> , 1996 , 61, 804-11	1.8	48
119	T-cell costimulatory blockade in experimental chronic cardiac allograft rejection: effects of cyclosporine and donor antigen. <i>Transplantation</i> , 1997 , 63, 1053-8	1.8	48
118	Role of indirect allorecognition in experimental late acute rejection. <i>Transplantation</i> , 1997 , 64, 1823-8	1.8	48
117	Distinct functions of autoreactive memory and effector CD4+ T cells in experimental autoimmune encephalomyelitis. <i>American Journal of Pathology</i> , 2008 , 173, 411-22	5.8	47
116	Mechanisms of indirect allorecognition in graft rejection: class II MHC allopeptide-specific T cell clones transfer delayed-type hypersensitivity responses in vivo. <i>Transplantation</i> , 1996 , 62, 705-10	1.8	47
115	Role of ICOS pathway in autoimmune and alloimmune responses in NOD mice. <i>Clinical Immunology</i> , 2008 , 126, 140-7	9	46
114	Allograft rejection in a new allospecific CD4+ TCR transgenic mouse. <i>American Journal of Transplantation</i> , 2003 , 3, 381-9	8.7	46
113	Chronic blockade of CD28-B7-mediated T-cell costimulation by CTLA4Ig reduces intimal thickening in MHC class I and II incompatible mouse heart allografts. <i>Transplantation</i> , 1997 , 64, 1641-5	1.8	45
112	Anti-CD28 monoclonal antibody therapy prevents chronic rejection of renal allografts in rats. <i>Journal of the American Society of Nephrology: JASN</i> , 2002 , 13, 519-527	12.7	43
111	Blockade of CD28-B7, but not CD40-CD154, prevents costimulation of allogeneic porcine and xenogeneic human anti-porcine T cell responses. <i>Journal of Immunology</i> , 2000 , 164, 3434-44	5.3	42
110	Bacterial pathogens induce abscess formation by CD4(+) T-cell activation via the CD28-B7-2 costimulatory pathway. <i>Infection and Immunity</i> , 2000 , 68, 6650-5	3.7	41
109	Mechanisms of indirect allorecognition: characterization of MHC class II allopeptide-specific T helper cell clones from animals undergoing acute allograft rejection. <i>Transplantation</i> , 1998 , 65, 876-83	1.8	41
108	Blockade of the programmed death-1 (PD1) pathway undermines potent genetic protection from type 1 diabetes. <i>PLoS ONE</i> , 2014 , 9, e89561	3.7	40
107	Rejection of mouse cardiac allografts by costimulation in trans. <i>Journal of Immunology</i> , 2001 , 167, 1174-83	5.3	40
106	The role of the ICOS-B7h T cell costimulatory pathway in transplantation immunity. <i>Journal of Clinical Investigation</i> , 2003 , 112, 234-43	15.9	40
105	Acquired systemic tolerance to rat cardiac allografts induced by intrathymic inoculation of synthetic polymorphic MHC class I allopeptides. <i>Transplantation</i> , 1996 , 62, 1878-82	1.8	40

104	Different costimulatory and growth factor requirements for CD4+ and CD8+ T cell-mediated rejection. <i>Journal of Immunology</i> , 2004 , 173, 214-21	5.3	38
103	Modulation of surgical fibrosis by microbial zwitterionic polysaccharides. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 16753-8	11.5	38
102	Transplantation tolerance: the concept and its applicability. <i>Pediatric Transplantation</i> , 1999 , 3, 181-92	1.8	38
101	A novel clinically relevant approach to tip the balance toward regulation in stringent transplant model. <i>Transplantation</i> , 2010 , 90, 260-9	1.8	37
100	Mechanism of action of donor-specific transfusion in inducing tolerance: role of donor MHC molecules, donor co-stimulatory molecules, and indirect antigen presentation. <i>Journal of the American Society of Nephrology: JASN</i> , 2004 , 15, 2423-8	12.7	37
99	T-cell response to cardiac myosin persists in the absence of an alloimmune response in recipients with chronic cardiac allograft rejection. <i>Transplantation</i> , 2002 , 74, 1053-7	1.8	37
98	Rat intestinal epithelial cells present major histocompatibility complex allopeptides to primed T cells. <i>Gastroenterology</i> , 1994 , 107, 1537-42	13.3	37
97	ABC5 Identifies Immunoregulatory Dermal Cells. <i>Cell Reports</i> , 2015 , 12, 1564-74	10.6	36
96	Mesenchymal stem cells express serine protease inhibitor to evade the host immune response. <i>Blood</i> , 2011 , 117, 1176-83	2.2	36
95	Allorecognition and effector pathways of islet allograft rejection in normal versus nonobese diabetic mice. <i>Journal of the American Society of Nephrology: JASN</i> , 2003 , 14, 2168-75	12.7	36
94	Further analysis of the T-cell subsets and pathways of murine cardiac allograft rejection. <i>American Journal of Transplantation</i> , 2003 , 3, 23-7	8.7	36
93	Requirements for induction and maintenance of peripheral tolerance in stringent allograft models. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 13230-5	11.5	36
92	The CD154-CD40 T cell costimulation pathway is required for host sensitization of CD8(+) T cells by skin grafts via direct antigen presentation. <i>Journal of Immunology</i> , 2002 , 169, 1270-6	5.3	36
91	A novel alloantigen-specific CD8+PD1+ regulatory T cell induced by ICOS-B7h blockade in vivo. <i>Journal of Immunology</i> , 2007 , 179, 786-96	5.3	35
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