Vijay K Kuchroo

List of Publications by Citations

216 papers	54,884 citations	103 h-index	226 g-index
226 ext. papers	62,883 ext. citations	19.3 avg, IF	7.64 L-index

#	Paper	IF	Citations
216	Reciprocal developmental pathways for the generation of pathogenic effector TH17 and regulatory T cells. *Nature*, **2006**, 441, 235-8	50.4	5545
215	IL-17 and Th17 Cells. *Annual Review of Immunology*, **2009**, 27, 485-517	34.7	3635
214	B7-1 and B7-2 costimulatory molecules activate differentially the Th1/Th2 developmental pathways: application to autoimmune disease therapy. *Cell*, **1995**, 80, 707-18	56.2	1505
213	IL-21 initiates an alternative pathway to induce proinflammatory T(H)17 cells. *Nature*, **2007**, 448, 484-487	50.4	1484
212	PD-L1 regulates the development, maintenance, and function of induced regulatory T cells. *Journal of Experimental Medicine*, **2009**, 206, 3015-29	16.6	1384
211	The Tim-3 ligand galectin-9 negatively regulates T helper type 1 immunity. *Nature Immunology*, **2005**, 6, 1245-52	19.1	1363
210	Targeting Tim-3 and PD-1 pathways to reverse T cell exhaustion and restore anti-tumor immunity. *Journal of Experimental Medicine*, **2010**, 207, 2187-94	16.6	1289
209	T(H)-17 cells in the circle of immunity and autoimmunity. *Nature Immunology*, **2007**, 8, 345-50	19.1	1240
208	Genetic and epigenetic fine mapping of causal autoimmune disease variants. *Nature*, **2015**, 518, 337-43	50.4	1199
207	Th1-specific cell surface protein Tim-3 regulates macrophage activation and severity of an autoimmune disease. *Nature*, **2002**, 415, 536-41	50.4	1120
206	Interleukin-17 and type 17 helper T cells. *New England Journal of Medicine*, **2009**, 361, 888-98	59.2	1095
205	Lag-3, Tim-3, and TIGIT: Co-inhibitory Receptors with Specialized Functions in Immune Regulation. *Immunity*, **2016**, 44, 989-1004	32.3	984
204	Induction and effector functions of T(H)17 cells. *Nature*, **2008**, 453, 1051-7	50.4	960
203	Upregulation of Tim-3 and PD-1 expression is associated with tumor antigen-specific CD8+ T cell dysfunction in melanoma patients. *Journal of Experimental Medicine*, **2010**, 207, 2175-86	16.6	899
202	IL-21 and TGF-beta are required for differentiation of human T(H)17 cells. *Nature*, **2008**, 454, 350-2	50.4	761
201	Induction and molecular signature of pathogenic TH17 cells. *Nature Immunology*, **2012**, 13, 991-9	19.1	757
200	Peripheral deletion of antigen-reactive T cells in oral tolerance. *Nature*, **1995**, 376, 177-80	50.4	698

199	Induction of pathogenic TH17 cells by inducible salt-sensing kinase SGK1. *Nature*, **2013**, 496, 513-7	50.4	662
198	Myelin-specific regulatory T cells accumulate in the CNS but fail to control autoimmune inflammation. *Nature Medicine*, **2007**, 13, 423-31	50.5	654
197	A dominant function for interleukin 27 in generating interleukin 10-producing anti-inflammatory T cells. *Nature Immunology*, **2007**, 8, 1380-9	19.1	629
196	Myelin oligodendrocyte glycoprotein-specific T cell receptor transgenic mice develop spontaneous autoimmune optic neuritis. *Journal of Experimental Medicine*, **2003**, 197, 1073-81	16.6	617
195	The costimulatory molecule ICOS regulates the expression of c-Maf and IL-21 in the development of follicular T helper cells and TH-17 cells. *Nature Immunology*, **2009**, 10, 167-75	19.1	557
194	Cooperation of Tim-3 and PD-1 in CD8 T-cell exhaustion during chronic viral infection. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 14733-8	11.5	555
193	Th1, Th17, and Th9 effector cells induce experimental autoimmune encephalomyelitis with different pathological phenotypes. *Journal of Immunology*, **2009**, 183, 7169-77	5.3	548
192	Tim-3 inhibits T helper type 1-mediated auto- and alloimmune responses and promotes immunological tolerance. *Nature Immunology*, **2003**, 4, 1093-101	19.1	542
191	The aryl hydrocarbon receptor interacts with c-Maf to promote the differentiation of type 1 regulatory T cells induced by IL-27. *Nature Immunology*, **2010**, 11, 854-61	19.1	518
190	Promotion of tissue inflammation by the immune receptor Tim-3 expressed on innate immune cells. *Science*, **2007**, 318, 1141-3	33.3	517
189	Dynamic regulatory network controlling TH17 cell differentiation. *Nature*, **2013**, 496, 461-8	50.4	492
188	Th17: the third member of the effector T cell trilogy. *Current Opinion in Immunology*, **2007**, 19, 652-7	7.8	490
187	Interaction of Tim-3 and Tim-3 ligand regulates T helper type 1 responses and induction of peripheral tolerance. *Nature Immunology*, **2003**, 4, 1102-10	19.1	486
186	PD-L1-deficient mice show that PD-L1 on T cells, antigen-presenting cells, and host tissues negatively regulates T cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 10691-6	11.5	474
185	Control of TH17 cells occurs in the small intestine. *Nature*, **2011**, 475, 514-8	50.4	472
184	Treg cells expressing the coinhibitory molecule TIGIT selectively inhibit proinflammatory Th1 and Th17 cell responses. *Immunity*, **2014**, 40, 569-81	32.3	456
183	Coexpression of Tim-3 and PD-1 identifies a CD8+ T-cell exhaustion phenotype in mice with disseminated acute myelogenous leukemia. *Blood*, **2011**, 117, 4501-10	2.2	444
182	Identification of Tapr (an airway hyperreactivity regulatory locus) and the linked Tim gene family. *Nature Immunology*, **2001**, 2, 1109-16	19.1	404

181	Retinoic acid increases Foxp3+ regulatory T cells and inhibits development of Th17 cells by enhancing TGF-beta-driven Smad3 signaling and inhibiting IL-6 and IL-23 receptor expression. *Journal of Immunology*, **2008**, 181, 2277-84	5.3	395
180	Loss of T-bet, but not STAT1, prevents the development of experimental autoimmune encephalomyelitis. *Journal of Experimental Medicine*, **2004**, 200, 79-87	16.6	390
179	An altered peptide ligand mediates immune deviation and prevents autoimmune encephalomyelitis. *Immunity*, **1995**, 3, 397-405	32.3	380
178	Cutting edge: IL-27 induces the transcription factor c-Maf, cytokine IL-21, and the costimulatory receptor ICOS that coordinately act together to promote differentiation of IL-10-producing Tr1 cells. *Journal of Immunology*, **2009**, 183, 797-801	5.3	378
177	Proinflammatory T helper type 17 cells are effective B-cell helpers. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 14292-7	11.5	374
176	Single-Cell Genomics Unveils Critical Regulators of Th17 Cell Pathogenicity. *Cell*, **2015**, 163, 1400-12	56.2	369
175	Tim-3 and its role in regulating anti-tumor immunity. *Immunological Reviews*, **2017**, 276, 97-111	11.3	367
174	CEACAM1 regulates TIM-3-mediated tolerance and exhaustion. *Nature*, **2015**, 517, 386-90	50.4	350
173	Negative immune regulator Tim-3 is overexpressed on T cells in hepatitis C virus infection and its blockade rescues dysfunctional CD4+ and CD8+ T cells. *Journal of Virology*, **2009**, 83, 9122-30	6.6	344
172	Galectin-9 suppresses the generation of Th17, promotes the induction of regulatory T cells, and regulates experimental autoimmune arthritis. *Clinical Immunology*, **2008**, 127, 78-88	9	331
171	The neuropeptide NMU amplifies ILC2-driven allergic lung inflammation. *Nature*, **2017**, 549, 351-356	50.4	330
170	Th17 cells induce ectopic lymphoid follicles in central nervous system tissue inflammation. *Immunity*, **2011**, 35, 986-96	32.3	330
169	Th17 Cell Pathway in Human Immunity: Lessons from Genetics and Therapeutic Interventions. *Immunity*, **2015**, 43, 1040-51	32.3	328
168	The TIM gene family: emerging roles in immunity and disease. *Nature Reviews Immunology*, **2003**, 3, 454-62	38.5	326
167	TIGIT predominantly regulates the immune response via regulatory T cells. *Journal of Clinical Investigation*, **2015**, 125, 4053-62	15.9	317
166	T cell response in experimental autoimmune encephalomyelitis (EAE): role of self and cross-reactive antigens in shaping, tuning, and regulating the autopathogenic T cell repertoire. *Annual Review of Immunology*, **2002**, 20, 101-23	34.7	309
165	Cutting edge: TIGIT has T cell-intrinsic inhibitory functions. *Journal of Immunology*, **2011**, 186, 1338-42	5.3	307
164	Role of Th1 and Th17 cells in organ-specific autoimmunity. *Journal of Autoimmunity*, **2008**, 31, 252-6	15.5	306

163	Cutting edge: IL-23 receptor gfp reporter mice reveal distinct populations of IL-17-producing cells. *Journal of Immunology*, **2009**, 182, 5904-8	5.3	293
162	T-bet represses T(H)17 differentiation by preventing Runx1-mediated activation of the gene encoding RORγt. *Nature Immunology*, **2011**, 12, 96-104	19.1	284
161	TIM-4 is the ligand for TIM-1, and the TIM-1-TIM-4 interaction regulates T cell proliferation. *Nature Immunology*, **2005**, 6, 455-64	19.1	273
160	The TIGIT/CD226 axis regulates human T cell function. *Journal of Immunology*, **2012**, 188, 3869-75	5.3	260
159	Myelin oligodendrocyte glycoprotein-specific T and B cells cooperate to induce a Devic-like disease in mice. *Journal of Clinical Investigation*, **2006**, 116, 2393-402	15.9	246
158	Checkpoint Blockade Immunotherapy Induces Dynamic Changes in PD-1CD8 Tumor-Infiltrating T Cells. *Immunity*, **2019**, 50, 181-194.e6	32.3	240
157	High frequency of autoreactive myelin proteolipid protein-specific T cells in the periphery of naive mice: mechanisms of selection of the self-reactive repertoire. *Journal of Experimental Medicine*, **2000**, 191, 761-70	16.6	237
156	Reversal of NK-cell exhaustion in advanced melanoma by Tim-3 blockade. *Cancer Immunology Research*, **2014**, 2, 410-22	12.5	236
155	TIM-3 is expressed on activated human CD4+ T cells and regulates Th1 and Th17 cytokines. *European Journal of Immunology*, **2009**, 39, 2492-501	6.1	228
154	Bat3 promotes T cell responses and autoimmunity by repressing Tim-3–mediated cell death and exhaustion. *Nature Medicine*, **2012**, 18, 1394-400	50.5	227
153	CD5L/AIM Regulates Lipid Biosynthesis and Restrains Th17 Cell Pathogenicity. *Cell*, **2015**, 163, 1413-27	56.2	220
152	TIM3 comes of age as an inhibitory receptor. *Nature Reviews Immunology*, **2020**, 20, 173-185	36.5	211
151	T cells enhance autoimmunity by restraining regulatory T cell responses via an interleukin-23-dependent mechanism. *Immunity*, **2010**, 33, 351-63	32.3	209
150	A Distinct Gene Module for Dysfunction Uncoupled from Activation in Tumor-Infiltrating T Cells. *Cell*, **2016**, 166, 1500-1511.e9	56.2	209
149	Small-molecule RORγt antagonists inhibit T helper 17 cell transcriptional network by divergent mechanisms. *Immunity*, **2014**, 40, 477-89	32.3	207
148	T Helper Cell Cytokines Modulate Intestinal Stem Cell Renewal and Differentiation. *Cell*, **2018**, 175, 1307-1320.e22	56.2	203
147	Silencing Nociceptor Neurons Reduces Allergic Airway Inflammation. *Neuron*, **2015**, 87, 341-54	13.9	203
146	Sodium chloride inhibits the suppressive function of FOXP3+ regulatory T cells. *Journal of Clinical Investigation*, **2015**, 125, 4212-22	15.9	203

145	Induction and transcriptional regulation of the co-inhibitory gene module in T cells. *Nature*, **2018**, 558, 454-459	50.4	201
144	Tim-3/galectin-9 pathway: regulation of Th1 immunity through promotion of CD11b+Ly-6G+ myeloid cells. *Journal of Immunology*, **2010**, 185, 1383-92	5.3	197
143	TIM3FOXP3 regulatory T cells are tissue-specific promoters of T-cell dysfunction in cancer. *OncoImmunology*, **2013**, 2, e23849	7.2	193
142	Melatonin Contributes to the Seasonality of Multiple Sclerosis Relapses. *Cell*, **2015**, 162, 1338-52	56.2	192
141	The many faces of Th17 cells. *Current Opinion in Immunology*, **2011**, 23, 702-6	7.8	188
140	T Cell Ig- and mucin-domain-containing molecule-3 (TIM-3) and TIM-1 molecules are differentially expressed on human Th1 and Th2 cells and in cerebrospinal fluid-derived mononuclear cells in multiple sclerosis. *Journal of Immunology*, **2004**, 172, 7169-76	5.3	185
139	Dysregulated T cell expression of TIM3 in multiple sclerosis. *Journal of Experimental Medicine*, **2006**, 203, 1413-8	16.6	184
138	Immunological unresponsiveness characterized by increased expression of CD5 on peripheral T cells induced by dendritic cells in vivo. *Immunity*, **2004**, 20, 695-705	32.3	183
137	Studies in B7-deficient mice reveal a critical role for B7 costimulation in both induction and effector phases of experimental autoimmune encephalomyelitis. *Journal of Experimental Medicine*, **1999**, 190, 733-40	16.6	183
136	An autoimmune disease-associated CTLA-4 splice variant lacking the B7 binding domain signals negatively in T cells. *Immunity*, **2004**, 20, 563-75	32.3	180
135	KIM-1-mediated phagocytosis reduces acute injury to the kidney. *Journal of Clinical Investigation*, **2015**, 125, 1620-36	15.9	178
134	Th17 cells: from precursors to players in inflammation and infection. *International Immunology*, **2009**, 21, 489-98	4.9	177
133	The costimulatory role of TIM molecules. *Immunological Reviews*, **2009**, 229, 259-70	11.3	170
132	Phosphotyrosine-dependent coupling of Tim-3 to T-cell receptor signaling pathways. *Molecular and Cellular Biology*, **2011**, 31, 3963-74	4.8	165
131	Galectin-9-CD44 interaction enhances stability and function of adaptive regulatory T cells. *Immunity* , **2014**, 41, 270-82	32.3	162
130	Myelin proteolipid protein-specific CD4+CD25+ regulatory cells mediate genetic resistance to experimental autoimmune encephalomyelitis. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 15434-9	11.5	162
129	Using EAE to better understand principles of immune function and autoimmune pathology. *Journal of Autoimmunity*, **2013**, 45, 31-9	15.5	160
128	The TIM gene family regulates autoimmune and allergic diseases. *Trends in Molecular Medicine*, **2005**, 11, 362-9	11.5	159

127	Phagocytosis imprints heterogeneity in tissue-resident macrophages. *Journal of Experimental Medicine*, **2017**, 214, 1281-1296	16.6	157
126	Manipulation of the Th1/Th2 balance in autoimmune disease. *Current Opinion in Immunology*, **1996**, 8, 837-42	7.8	154
125	T and B cell hyperactivity and autoimmunity associated with niche-specific defects in apoptotic body clearance in TIM-4-deficient mice. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 8706-11	11.5	147
124	Galectin-9 increases Tim-3+ dendritic cells and CD8+ T cells and enhances antitumor immunity via galectin-9-Tim-3 interactions. *Journal of Immunology*, **2008**, 181, 7660-9	5.3	147
123	Cutting edge: IL-23 receptor deficiency prevents the development of lupus nephritis in C57BL/6-lpr/lpr mice. *Journal of Immunology*, **2010**, 184, 4605-9	5.3	145
122	Tim3 binding to galectin-9 stimulates antimicrobial immunity. *Journal of Experimental Medicine*, **2010**, 207, 2343-54	16.6	138
121	Activation of antigen-presenting cells by microbial products breaks self tolerance and induces autoimmune disease. *Journal of Clinical Investigation*, **2004**, 113, 990-7	15.9	136
120	Cutting edge: maresin-1 engages regulatory T cells to limit type 2 innate lymphoid cell activation and promote resolution of lung inflammation. *Journal of Immunology*, **2015**, 194, 863-7	5.3	128
119	An IL-27/NFIL3 signalling axis drives Tim-3 and IL-10 expression and T-cell dysfunction. *Nature Communications*, **2015**, 6, 6072	17.4	123
118	QTL influencing autoimmune diabetes and encephalomyelitis map to a 0.15-cM region containing Il2. *Nature Genetics*, **1999**, 21, 158-60	36.3	116
117	T cell receptor antagonist peptides are highly effective inhibitors of experimental allergic encephalomyelitis. *European Journal of Immunology*, **1994**, 24, 940-6	6.1	115
116	Defect in regulatory B-cell function and development of systemic autoimmunity in T-cell Ig mucin 1 (Tim-1) mucin domain-mutant mice. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 12105-10	11.5	108
115	Differential engagement of Tim-1 during activation can positively or negatively costimulate T cell expansion and effector function. *Journal of Experimental Medicine*, **2007**, 204, 1691-702	16.6	107
114	Tim-2 regulates T helper type 2 responses and autoimmunity. *Journal of Experimental Medicine*, **2005**, 202, 437-44	16.6	104
113	New roles for TIM family members in immune regulation. *Nature Reviews Immunology*, **2008**, 8, 577-80	36.5	102
112	Immunostimulatory Tim-1-specific antibody deprograms Tregs and prevents transplant tolerance in mice. *Journal of Clinical Investigation*, **2008**, 118, 735-41	15.9	101
111	TCR usage in human and experimental demyelinating disease. *Trends in Immunology*, **1996**, 17, 152-9		99
110	TIM-3 and its regulatory role in immune responses. *Current Topics in Microbiology and Immunology*, **2011**, 350, 1-15	3.3	97

109	Listeria monocytogenes exploits efferocytosis to promote cell-to-cell spread. *Nature*, **2014**, 509, 230-4	50.4	96
108	Interplay between effector Th17 and regulatory T cells. *Journal of Clinical Immunology*, **2008**, 28, 660-70	5.7	96
107	TIM3 Mediates T Cell Exhaustion during Mycobacterium tuberculosis Infection. *PLoS Pathogens*, **2016**, 12, e1005490	7.6	96
106	Allograft rejection is restrained by short-lived TIM-3+PD-1+Foxp3+ Tregs. *Journal of Clinical Investigation*, **2012**, 122, 2395-404	15.9	95
105	Tim-1 is essential for induction and maintenance of IL-10 in regulatory B cells and their regulation of tissue inflammation. *Journal of Immunology*, **2015**, 194, 1602-8	5.3	88
104	TIM-4 expressed on APCs induces T cell expansion and survival. *Journal of Immunology*, **2008**, 180, 4706-13	5.3	88
103	Beneficial effect of galectin 9 on rheumatoid arthritis by induction of apoptosis of synovial fibroblasts. *Arthritis and Rheumatism*, **2007**, 56, 3968-76		88
102	T-bet, a Th1 transcription factor regulates the expression of Tim-3. *European Journal of Immunology* , **2010**, 40, 859-66	6.1	87
101	Calcitonin Gene-Related Peptide Negatively Regulates Alarmin-Driven Type 2 Innate Lymphoid Cell Responses. *Immunity*, **2019**, 51, 709-723.e6	32.3	76
100	T cell immunoglobulin and mucin protein-3 (Tim-3)/Galectin-9 interaction regulates influenza A virus-specific humoral and CD8 T-cell responses. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 19001-6	11.5	76
99	TIM family of genes in immunity and tolerance. *Advances in Immunology*, **2006**, 91, 227-49	5.6	74
98	Dysregulation of immune homeostasis in autoimmune diseases. *Nature Medicine*, **2012**, 18, 42-7	50.5	71
97	Functional Anti-TIGIT Antibodies Regulate Development of Autoimmunity and Antitumor Immunity. *Journal of Immunology*, **2018**, 200, 3000-3007	5.3	70
96	Transcriptional Atlas of Intestinal Immune Cells Reveals that Neuropeptide αCGRP Modulates Group 2 Innate Lymphoid Cell Responses. *Immunity*, **2019**, 51, 696-708.e9	32.3	69
95	Reciprocal expression of co-stimulatory molecules, B7-1 and B7-2, on murine T cells following activation. *European Journal of Immunology*, **1995**, 25, 207-11	6.1	69
94	Tim-3, Lag-3, and TIGIT. *Current Topics in Microbiology and Immunology*, **2017**, 410, 127-156	3.3	68
93	Immune checkpoints in central nervous system autoimmunity. *Immunological Reviews*, **2012**, 248, 122-39	11.3	66
92	RBPJ Controls Development of Pathogenic Th17 Cells by Regulating IL-23 Receptor Expression. *Cell Reports*, **2016**, 16, 392-404	10.6	65

91	The CD226/CD155 interaction regulates the proinflammatory (Th1/Th17)/anti-inflammatory (Th2) balance in humans. *Journal of Immunology*, **2013**, 191, 3673-80	5.3	64
90	The yin and yang of co-inhibitory receptors: toward anti-tumor immunity without autoimmunity. *Cell Research*, **2020**, 30, 285-299	24.7	63
89	Transcriptional signature of human pro-inflammatory T17 cells identifies reduced IL10 gene expression in multiple sclerosis. *Nature Communications*, **2017**, 8, 1600	17.4	62
88	Detection of autoreactive myelin proteolipid protein 139-151-specific T cells by using MHC II (IAs) tetramers. *Journal of Immunology*, **2003**, 170, 870-7	5.3	61
87	Effector T cell differentiation: are master regulators of effector T cells still the masters?. *Current Opinion in Immunology*, **2015**, 37, 6-10	7.8	57
86	TIMs: central regulators of immune responses. *Journal of Experimental Medicine*, **2008**, 205, 2699-701	16.6	55
85	Genetic susceptibility or resistance to autoimmune encephalomyelitis in MHC congenic mice is associated with differential production of pro- and anti-inflammatory cytokines. *International Immunology*, **1999**, 11, 1573-80	4.9	55
84	Autopathogenic T helper cell type 1 (Th1) and protective Th2 clones differ in their recognition of the autoantigenic peptide of myelin proteolipid protein. *Journal of Experimental Medicine*, **1997**, 186, 867-76	16.6	53
83	Coinhibitory receptors and CD8 T cell exhaustion in chronic infections. *Current Opinion in HIV and AIDS*, **2014**, 9, 439-45	4.2	52
82	Mapping and identification of autoimmunity genes. *Current Opinion in Immunology*, **2000**, 12, 691-7	7.8	52
81	An immunoregulatory and tissue-residency program modulated by c-MAF in human T17 cells. *Nature Immunology*, **2018**, 19, 1126-1136	19.1	52
80	Tim-3: A co-receptor with diverse roles in T cell exhaustion and tolerance. *Seminars in Immunology*, **2019**, 42, 101302	10.7	50
79	T-cell immunoglobulin and mucin domain 4 (TIM-4) signaling in innate immune-mediated liver ischemia-reperfusion injury. *Hepatology*, **2014**, 60, 2052-2064	11.2	50
78	SGK1 Governs the Reciprocal Development of Th17 and Regulatory T Cells. *Cell Reports*, **2018**, 22, 653-665	15.6	49
77	IL-23 induced in keratinocytes by endogenous TLR4 ligands polarizes dendritic cells to drive IL-22 responses to skin immunization. *Journal of Experimental Medicine*, **2016**, 213, 2147-66	16.6	48
76	TIM-1 glycoprotein binds the adhesion receptor P-selectin and mediates T cell trafficking during inflammation and autoimmunity. *Immunity*, **2014**, 40, 542-53	32.3	45
75	IL-27 Induces Th17 Differentiation in the Absence of STAT1 Signaling. *Journal of Immunology*, **2015**, 195, 4144-53	5.3	44
74	Induction of experimental allergic encephalomyelitis by myelin proteolipid-protein-specific T cell clones and synthetic peptides. *Pathobiology*, **1991**, 59, 305-12	3.6	43

73	Fragile TIM-4-expressing tissue resident macrophages are migratory and immunoregulatory. *Journal of Clinical Investigation*, **2014**, 124, 3443-54	15.9	42
72	Targeting latency-associated peptide promotes antitumor immunity. *Science Immunology*, **2017**, 2,	28	41
71	A transgenic model of central nervous system autoimmunity mediated by CD4+ and CD8+ T and B cells. *Journal of Immunology*, **2012**, 188, 2084-92	5.3	41
70	Tim-1 stimulation of dendritic cells regulates the balance between effector and regulatory T cells. *European Journal of Immunology*, **2011**, 41, 1539-49	6.1	40
69	Recipient T cell TIM-3 and hepatocyte galectin-9 signalling protects mouse liver transplants against ischemia-reperfusion injury. *Journal of Hepatology*, **2015**, 62, 563-72	13.4	37
68	Contrasting acute graft-versus-host disease effects of Tim-3/galectin-9 pathway blockade dependent upon the presence of donor regulatory T cells. *Blood*, **2012**, 120, 682-90	2.2	36
67	The transcription factor musculin promotes the unidirectional development of peripheral T cells by suppressing the T2 transcriptional program. *Nature Immunology*, **2017**, 18, 344-353	19.1	35
66	Fas Promotes T Helper 17 Cell Differentiation and Inhibits T Helper 1 Cell Development by Binding and Sequestering Transcription Factor STAT1. *Immunity*, **2018**, 48, 556-569.e7	32.3	35
65	Tuning T cell activation threshold and effector function with cross-reactive peptide ligands. *International Immunology*, **2000**, 12, 205-13	4.9	35
64	Endogenous Glucocorticoid Signaling Regulates CD8 T Cell Differentiation and Development of Dysfunction in the Tumor Microenvironment. *Immunity*, **2020**, 53, 658-671.e6	32.3	35
63	Galectin-9 signaling through TIM-3 is involved in neutrophil-mediated Gram-negative bacterial killing: an effect abrogated within the cystic fibrosis lung. *Journal of Immunology*, **2014**, 192, 2418-31	5.3	32
62	Emerging new roles of Th17 cells. *European Journal of Immunology*, **2012**, 42, 2211-4	6.1	32
61	Oct1 and OCA-B are selectively required for CD4 memory T cell function. *Journal of Experimental Medicine*, **2015**, 212, 2115-31	16.6	31
60	TIM-3 restrains anti-tumour immunity by regulating inflammasome activation. *Nature*, **2021**, 595, 101-106	50.4	31
59	Protein C receptor (PROCR) is a negative regulator of Th17 pathogenicity. *Journal of Experimental Medicine*, **2016**, 213, 2489-2501	16.6	31
58	Podoplanin negatively regulates CD4+ effector T cell responses. *Journal of Clinical Investigation*, **2015**, 125, 129-40	15.9	30
57	Metabolic modeling of single Th17 cells reveals regulators of autoimmunity. *Cell*, **2021**, 184, 4168-4185.e21	66.2	30
56	Augmented Th17 differentiation in Trim21 deficiency promotes a stable phenotype of atherosclerotic plaques with high collagen content. *Cardiovascular Research*, **2018**, 114, 158-167	9.9	29

55	The dichotomous pattern of IL-12r and IL-23R expression elucidates the role of IL-12 and IL-23 in inflammation. *PLoS ONE*, **2014**, 9, e89092	3.7	29
54	Decreased RORC-dependent silencing of prostaglandin receptor EP2 induces autoimmune Th17 cells. *Journal of Clinical Investigation*, **2014**, 124, 2513-22	15.9	28
53	Immunological basis for the development of tissue inflammation and organ-specific autoimmunity in animal models of multiple sclerosis. *Results and Problems in Cell Differentiation*, **2010**, 51, 43-74	1.4	24
52	T Cell-Independent Mechanisms Associated with Neutrophil Extracellular Trap Formation and Selective Autophagy in IL-17A-Mediated Epidermal Hyperplasia. *Journal of Immunology*, **2016**, 197, 4403-4412	5.3	23
51	TIM-4 Identifies IFN-□Expressing Proinflammatory B Effector 1 Cells That Promote Tumor and Allograft Rejection. *Journal of Immunology*, **2017**, 199, 2585-2595	5.3	23
50	IL-21R signaling is critical for induction of spontaneous experimental autoimmune encephalomyelitis. *Journal of Clinical Investigation*, **2015**, 125, 4011-20	15.9	22
49	Cytokines and transcription factors in the differentiation of CD4 T helper cell subsets and induction of tissue inflammation and autoimmunity. *Current Opinion in Immunology*, **2020**, 67, 57-67	7.8	22
48	Spatially organized multicellular immune hubs in human colorectal cancer. *Cell*, **2021**, 184, 4734-4752.e20	36.2	22
47	Polyamine metabolism is a central determinant of helper T□cell lineage fidelity. *Cell*, **2021**, 184, 4186-4202.e20	36.2	21
46	Pathogenic Transdifferentiation of Th17 Cells Contribute to Perpetuation of Rheumatoid Arthritis during Anti-TNF Treatment. *Molecular Medicine*, **2015**, 21, 536-43	6.2	20
45	Epigenetic and transcriptional mechanisms for the regulation of IL-10. *Seminars in Immunology*, **2019**, 44, 101324	10.7	19
44	Good guys gone bad: exTreg cells promote autoimmune arthritis. *Nature Medicine*, **2014**, 20, 15-7	50.5	18
43	Characterization of the phenotype and function of CD8(+), alpha / beta(+) NKT cells from tumor-bearing mice that show a natural killer cell activity and lyse multiple tumor targets. *European Journal of Immunology*, **2001**, 31, 2818-28	6.1	18
42	Podoplanin is a negative regulator of Th17 inflammation. *JCI Insight*, **2017**, 2,	9.9	18
41	Defining the functional states of Th17 cells. *F1000Research*, **2015**, 4, 132	3.6	17
40	KIM-1 mediates fatty acid uptake by renal tubular cells to promote progressive diabetic kidney disease. *Cell Metabolism*, **2021**, 33, 1042-1061.e7	24.6	17
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