Dan R Littman

List of Publications by Citations

258 papers	83,235 citations	133 h-index	269 g-index
269 ext. papers	93,192 ext. citations	23.3 avg, IF	7.91 L-index

#	Paper	IF	Citations
258	The orphan nuclear receptor RORgammat directs the differentiation program of proinflammatory IL-17+ T helper cells. *Cell*, **2006**, 126, 1121-33	56.2	3828
257	Identification of a major co-receptor for primary isolates of HIV-1. *Nature*, **1996**, 381, 661-6	50.4	3163
256	Induction of intestinal Th17 cells by segmented filamentous bacteria. *Cell*, **2009**, 139, 485-98	56.2	3110
255	Interactions between the microbiota and the immune system. *Science*, **2012**, 336, 1268-73	33.3	2585
254	ATP mediates rapid microglial response to local brain injury in vivo. *Nature Neuroscience*, **2005**, 8, 752-8	25.5	2584
253	Blood monocytes consist of two principal subsets with distinct migratory properties. *Immunity*, **2003**, 19, 71-82	32.3	2548
252	Function of the chemokine receptor CXCR4 in haematopoiesis and in cerebellar development. *Nature*, **1998**, 393, 595-9	50.4	2115
251	DC-SIGN, a dendritic cell-specific HIV-1-binding protein that enhances trans-infection of T cells. *Cell*, **2000**, 100, 587-97	56.2	1976
250	Signal transduction by lymphocyte antigen receptors. *Cell*, **1994**, 76, 263-74	56.2	1926
249	Analysis of fractalkine receptor CX(3)CR1 function by targeted deletion and green fluorescent protein reporter gene insertion. *Molecular and Cellular Biology*, **2000**, 20, 4106-14	4.8	1838
248	IL-6 programs T(H)-17 cell differentiation by promoting sequential engagement of the IL-21 and IL-23 pathways. *Nature Immunology*, **2007**, 8, 967-74	19.1	1644
247	In vivo depletion of CD11c+ dendritic cells abrogates priming of CD8+ T cells by exogenous cell-associated antigens. *Immunity*, **2002**, 17, 211-20	32.3	1445
246	TGF-beta-induced Foxp3 inhibits T(H)17 cell differentiation by antagonizing RORgammat function. *Nature*, **2008**, 453, 236-40	50.4	1435
245	Microglia promote learning-dependent synapse formation through brain-derived neurotrophic factor. *Cell*, **2013**, 155, 1596-609	56.2	1422
244	CX3CR1-mediated dendritic cell access to the intestinal lumen and bacterial clearance. *Science*, **2005**, 307, 254-8	33.3	1282
243	Specific microbiota direct the differentiation of IL-17-producing T-helper cells in the mucosa of the small intestine. *Cell Host and Microbe*, **2008**, 4, 337-49	23.4	1251
242	The differentiation of human T(H)-17 cells requires transforming growth factor-beta and induction of the nuclear receptor RORgammat. *Nature Immunology*, **2008**, 9, 641-9	19.1	1227

241	Gut-residing segmented filamentous bacteria drive autoimmune arthritis via T helper 17 cells. *Immunity*, **2010**, 32, 815-27	32.3	1168
240	Control of microglial neurotoxicity by the fractalkine receptor. *Nature Neuroscience*, **2006**, 9, 917-24	25.5	1122
239	Plasticity of CD4+ T cell lineage differentiation. *Immunity*, **2009**, 30, 646-55	32.3	1118
238	Expansion of intestinal Prevotella copri correlates with enhanced susceptibility to arthritis. *ELife*, **2013**, 2, e01202	8.9	1092
237	A novel chemokine receptor for SDF-1 and I-TAC involved in cell survival, cell adhesion, and tumor development. *Journal of Experimental Medicine*, **2006**, 203, 2201-13	16.6	1005
236	The microbiota in adaptive immune homeostasis and disease. *Nature*, **2016**, 535, 75-84	50.4	885
235	Innate lymphoid cells drive interleukin-23-dependent innate intestinal pathology. *Nature*, **2010**, 464, 1371-5	50.4	841
234	Circulating activated platelets exacerbate atherosclerosis in mice deficient in apolipoprotein E. *Nature Medicine*, **2003**, 9, 61-7	50.5	820
233	PKC-theta is required for TCR-induced NF-kappaB activation in mature but not immature T lymphocytes. *Nature*, **2000**, 404, 402-7	50.4	796
232	A validated regulatory network for Th17 cell specification. *Cell*, **2012**, 151, 289-303	56.2	794
231	A clonogenic bone marrow progenitor specific for macrophages and dendritic cells. *Science*, **2006**, 311, 83-7	33.3	789
230	An essential function for the nuclear receptor RORgamma(t) in the generation of fetal lymphoid tissue inducer cells. *Nature Immunology*, **2004**, 5, 64-73	19.1	781
229	Th17 and regulatory T cells in mediating and restraining inflammation. *Cell*, **2010**, 140, 845-58	56.2	730
228	Expression cloning of new receptors used by simian and human immunodeficiency viruses. *Nature*, **1997**, 388, 296-300	50.4	614
227	Requirement for RORgamma in thymocyte survival and lymphoid organ development. *Science*, **2000** , 288, 2369-73	33.3	610
226	Differential requirements for Runx proteins in CD4 repression and epigenetic silencing during T lymphocyte development. *Cell*, **2002**, 111, 621-33	56.2	591
225	Sparse and compositionally robust inference of microbial ecological networks. *PLoS Computational Biology*, **2015**, 11, e1004226	5	587
224	Interaction of the unique N-terminal region of tyrosine kinase p56lck with cytoplasmic domains of CD4 and CD8 is mediated by cysteine motifs. *Cell*, **1990**, 60, 755-65	56.2	587

223	Lymphoid tissue inducer-like cells are an innate source of IL-17 and IL-22. *Journal of Experimental Medicine*, **2009**, 206, 35-41	16.6	584
222	The maternal interleukin-17a pathway in mice promotes autism-like phenotypes in offspring. *Science*, **2016**, 351, 933-9	33.3	565
221	In vivo evolution of HIV-1 co-receptor usage and sensitivity to chemokine-mediated suppression. *Nature Medicine*, **1997**, 3, 1259-65	50.5	542
220	Identification of IL-17-producing FOXP3+ regulatory T cells in humans. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 4793-8	11.5	529
219	The microbiome in infectious disease and inflammation. *Annual Review of Immunology*, **2012**, 30, 759-95	34.7	524
218	A coordinated change in chemokine responsiveness guides plasma cell movements. *Journal of Experimental Medicine*, **2001**, 194, 45-56	16.6	512
217	Intravascular immune surveillance by CXCR6+ NKT cells patrolling liver sinusoids. *PLoS Biology*, **2005**, 3, e113	9.7	491
216	DICER1 deficit induces Alu RNA toxicity in age-related macular degeneration. *Nature*, **2011**, 471, 325-30	50.4	482
215	Influence of the transcription factor RORgammat on the development of NKp46+ cell populations in gut and skin. *Nature Immunology*, **2009**, 10, 75-82	19.1	456
214	A binding site for the T-cell co-receptor CD8 on the alpha 3 domain of HLA-A2. *Nature*, **1990**, 345, 41-6	50.4	456
213	Inflammatory chemokine transport and presentation in HEV: a remote control mechanism for monocyte recruitment to lymph nodes in inflamed tissues. *Journal of Experimental Medicine*, **2001**, 194, 1361-73	16.6	450
212	Decreased bacterial diversity characterizes the altered gut microbiota in patients with psoriatic arthritis, resembling dysbiosis in inflammatory bowel disease. *Arthritis and Rheumatology*, **2015**, 67, 128-39	9.5	434
211	Neuropilin 1 is expressed on thymus-derived natural regulatory T cells, but not mucosa-generated induced Foxp3+ T reg cells. *Journal of Experimental Medicine*, **2012**, 209, 1723-42, S1	16.6	428
210	DC-SIGN-mediated internalization of HIV is required for trans-enhancement of T cell infection. *Immunity*, **2002**, 16, 135-44	32.3	425
209	Chemokine requirements for B cell entry to lymph nodes and Peyer□s patches. *Journal of Experimental Medicine*, **2002**, 196, 65-75	16.6	421
208	Digoxin and its derivatives suppress TH17 cell differentiation by antagonizing RORγ activity. *Nature*, **2011**, 472, 486-90	50.4	416
207	Thymic origin of intestinal alphabeta T cells revealed by fate mapping of RORgammat+ cells. *Science*, **2004**, 305, 248-51	33.3	407
206	Requirement for association of p56lck with CD4 in antigen-specific signal transduction in T cells. *Cell*, **1991**, 64, 511-20	56.2	388

205	Cell-cell adhesion mediated by CD8 and MHC class I molecules. *Nature*, **1988**, 336, 79-81	50.4	377
204	Interleukin 23 production by intestinal CD103(+)CD11b(+) dendritic cells in response to bacterial flagellin enhances mucosal innate immune defense. *Immunity*, **2012**, 36, 276-87	32.3	365
203	Requirement for lymphoid tissue-inducer cells in isolated follicle formation and T cell-independent immunoglobulin A generation in the gut. *Immunity*, **2008**, 29, 261-71	32.3	364
202	Signal transduction due to HIV-1 envelope interactions with chemokine receptors CXCR4 or CCR5. *Journal of Experimental Medicine*, **1997**, 186, 1793-8	16.6	361
201	Cytokine signals are sufficient for HIV-1 infection of resting human T lymphocytes. *Journal of Experimental Medicine*, **1999**, 189, 1735-46	16.6	360
200	Role of the commensal microbiota in normal and pathogenic host immune responses. *Cell Host and Microbe*, **2011**, 10, 311-23	23.4	356
199	Transcriptional regulation of Th17 cell differentiation. *Seminars in Immunology*, **2007**, 19, 409-17	10.7	356
198	RORgamma-expressing Th17 cells induce murine chronic intestinal inflammation via redundant effects of IL-17A and IL-17F. *Gastroenterology*, **2009**, 136, 257-67	13.3	343
197	A cryptic sensor for HIV-1 activates antiviral innate immunity in dendritic cells. *Nature*, **2010**, 467, 214-7	50.4	336
196	Requirement for Tec kinases Rlk and Itk in T cell receptor signaling and immunity. *Science*, **1999**, 284, 638-41	33.3	334
195	An IL-23R/IL-22 Circuit Regulates Epithelial Serum Amyloid A to Promote Local Effector Th17 Responses. *Cell*, **2015**, 163, 381-93	56.2	330
194	Focused specificity of intestinal TH17 cells towards commensal bacterial antigens. *Nature*, **2014**, 510, 152-6	50.4	330
193	Flexible use of nuclear import pathways by HIV-1. *Cell Host and Microbe*, **2010**, 7, 221-33	23.4	322
192	Microbiota restricts trafficking of bacteria to mesenteric lymph nodes by CX(3)CR1(hi) cells. *Nature*, **2013**, 494, 116-20	50.4	321
191	Maternal gut bacteria promote neurodevelopmental abnormalities in mouse offspring. *Nature*, **2017**, 549, 528-532	50.4	318
190	Periodontal disease and the oral microbiota in new-onset rheumatoid arthritis. *Arthritis and Rheumatism*, **2012**, 64, 3083-94		317
189	The RNAseIII enzyme Drosha is critical in T cells for preventing lethal inflammatory disease. *Journal of Experimental Medicine*, **2008**, 205, 2005-17	16.6	315
188	Bile acid metabolites control T17 and T cell differentiation. *Nature*, **2019**, 576, 143-148	50.4	310

187	Chemokine receptors: keys to AIDS pathogenesis?. *Cell*, **1998**, 93, 677-80	56.2	291
186	Restoration of lymphoid organ integrity through the interaction of lymphoid tissue-inducer cells with stroma of the T cell zone. *Nature Immunology*, **2008**, 9, 667-75	19.1	290
185	Opposing effects of PKCtheta and WASp on symmetry breaking and relocation of the immunological synapse. *Cell*, **2007**, 129, 773-85	56.2	285
184	Human immunodeficiency virus type 1 activates plasmacytoid dendritic cells and concomitantly induces the bystander maturation of myeloid dendritic cells. *Journal of Virology*, **2004**, 78, 5223-32	6.6	281
183	Impaired NFATc translocation and failure of Th2 development in Itk-deficient CD4+ T cells. *Immunity*, **1999**, 11, 399-409	32.3	279
182	The role of CXCR4 in maintaining peripheral B cell compartments and humoral immunity. *Journal of Experimental Medicine*, **2004**, 200, 1145-56	16.6	274
181	Altered T cell receptor signaling and disrupted T cell development in mice lacking Itk. *Immunity*, **1995**, 3, 757-69	32.3	265
180	Maternal retinoids control type 3 innate lymphoid cells and set the offspring immunity. *Nature*, **2014**, 508, 123-7	50.4	264
179	CXCR1+ mononuclear phagocytes support colitis-associated innate lymphoid cell production of IL-22. *Journal of Experimental Medicine*, **2014**, 211, 1571-83	16.6	262
178	Inactivation of Notch 1 in immature thymocytes does not perturb CD4 or CD8T cell development. *Nature Immunology*, **2001**, 2, 235-41	19.1	262
177	The envelope glycoprotein of the human immunodeficiency virus binds to the immunoglobulin-like domain of CD4. *Nature*, **1988**, 334, 159-62	50.4	262
176	Primary human immunodeficiency virus type 2 (HIV-2) isolates, like HIV-1 isolates, frequently use CCR5 but show promiscuity in coreceptor usage. *Journal of Virology*, **1999**, 73, 2343-9	6.6	258
175	A genomic regulatory element that directs assembly and function of immune-specific AP-1-IRF complexes. *Science*, **2012**, 338, 975-80	33.3	246
174	Protein kinase C Theta inhibits insulin signaling by phosphorylating IRS1 at Ser(1101). *Journal of Biological Chemistry*, **2004**, 279, 45304-7	5.4	242
173	The role of the Runx transcription factors in thymocyte differentiation and in homeostasis of naive T cells. *Journal of Experimental Medicine*, **2007**, 204, 1945-57	16.6	232
172	c-MAF-dependent regulatory T cells mediate immunological tolerance to a gut pathobiont. *Nature*, **2018**, 554, 373-377	50.4	231
171	The neuronal chemokine CX3CL1/fractalkine selectively recruits NK cells that modify experimental autoimmune encephalomyelitis within the central nervous system. *FASEB Journal*, **2006**, 20, 896-905	0.9	225
170	Polymorphism in the alpha 3 domain of HLA-A molecules affects binding to CD8. *Nature*, **1989**, 338, 345-7	50.4	220

169	The regulation of CD4 and CD8 coreceptor gene expression during T cell development. *Annual Review of Immunology*, **1999**, 17, 523-54	34.7	218
168	A kinase-independent function of Lck in potentiating antigen-specific T cell activation. *Cell*, **1993**, 74, 633-43	56.2	218
167	Requirement for CARMA1 in antigen receptor-induced NF-kappa B activation and lymphocyte proliferation. *Current Biology*, **2003**, 13, 1252-8	6.3	215
166	The chemokine KC, but not monocyte chemoattractant protein-1, triggers monocyte arrest on early atherosclerotic endothelium. *Journal of Clinical Investigation*, **2001**, 108, 1307-14	15.9	212
165	Genetic evidence supporting selection of the Valpha14i NKT cell lineage from double-positive thymocyte precursors. *Immunity*, **2005**, 22, 705-16	32.3	211
164	Reciprocal regulation of CD4/CD8 expression by SWI/SNF-like BAF complexes. *Nature*, **2002**, 418, 195-9	50.4	207
163	Evidence for a stochastic mechanism in the differentiation of mature subsets of T lymphocytes. *Cell* , **1993**, 73, 237-47	56.2	204
162	Regulation of the TCRalpha repertoire by the survival window of CD4(+)CD8(+) thymocytes. *Nature Immunology*, **2002**, 3, 469-76	19.1	199
161	Repression of interleukin-4 in T helper type 1 cells by Runx/Cbf beta binding to the Il4 silencer. *Journal of Experimental Medicine*, **2007**, 204, 1749-55	16.6	195
160	A chemokine, SDF-1, reduces the effectiveness of multiple axonal repellents and is required for normal axon pathfinding. *Journal of Neuroscience*, **2003**, 23, 1360-71	6.6	195
159	Nonredundant function of soluble LTα3 produced by innate lymphoid cells in intestinal homeostasis. *Science*, **2013**, 342, 1243-6	33.3	190
158	Protein kinase C theta is critical for the development of in vivo T helper (Th)2 cell but not Th1 cell responses. *Journal of Experimental Medicine*, **2004**, 200, 181-9	16.6	189
157	Neutralization profiles of primary human immunodeficiency virus type 1 isolates in the context of coreceptor usage. *Journal of Virology*, **1998**, 72, 6988-96	6.6	188
156	Fusion-competent vaccines: broad neutralization of primary isolates of HIV. *Science*, **1999**, 283, 357-62	33.3	187
155	GPR15-mediated homing controls immune homeostasis in the large intestine mucosa. *Science*, **2013** , 340, 1456-9	33.3	186
154	PKC-theta knockout mice are protected from fat-induced insulin resistance. *Journal of Clinical Investigation*, **2004**, 114, 823-7	15.9	181
153	Canonical and alternate functions of the microRNA biogenesis machinery. *Genes and Development*, **2010**, 24, 1951-60	12.6	178
152	How punctual ablation of regulatory T cells unleashes an autoimmune lesion within the pancreatic islets. *Immunity*, **2009**, 31, 654-64	32.3	176

151	CXCL12-Producing Vascular Endothelial Niches Control Acute T Cell Leukemia Maintenance. *Cancer Cell*, **2015**, 27, 755-68	24.3	175
150	The primate lentiviral receptor Bonzo/STRL33 is coordinately regulated with CCR5 and its expression pattern is conserved between human and mouse. *Journal of Immunology*, **2000**, 165, 3284-92	5.3	172
149	RUNX proteins in transcription factor networks that regulate T-cell lineage choice. *Nature Reviews Immunology*, **2009**, 9, 106-15	36.5	170
148	Transcription factors RUNX1 and RUNX3 in the induction and suppressive function of Foxp3+ inducible regulatory T cells. *Journal of Experimental Medicine*, **2009**, 206, 2701-15	16.6	170
147	The role of the nuclear hormone receptor RORgammat in the development of lymph nodes and Peyer's patches. *Immunological Reviews*, **2003**, 195, 81-90	11.3	169
146	Internalization of the human immunodeficiency virus does not require the cytoplasmic domain of CD4. *Nature*, **1988**, 334, 162-5	50.4	169
145	Limited tumor infiltration by activated T effector cells restricts the therapeutic activity of regulatory T cell depletion against established melanoma. *Journal of Experimental Medicine*, **2008**, 205, 2125-38	16.6	167
144	CXCR7 influences leukocyte entry into the CNS parenchyma by controlling abluminal CXCL12 abundance during autoimmunity. *Journal of Experimental Medicine*, **2011**, 208, 327-39	16.6	166
143	Severe B cell deficiency in mice lacking the tec kinase family members Tec and Btk. *Journal of Experimental Medicine*, **2000**, 192, 1611-24	16.6	163
142	Short- and long-term effects of oral vancomycin on the human intestinal microbiota. *Journal of Antimicrobial Chemotherapy*, **2017**, 72, 128-136	5.1	159
141	CD8alphaalpha-mediated survival and differentiation of CD8 memory T cell precursors. *Science*, **2004**, 304, 590-3	33.3	159
140	Reversing behavioural abnormalities in mice exposed to maternal inflammation. *Nature*, **2017**, 549, 482-487	38.4	158
139	Runx-CBFbeta complexes control expression of the transcription factor Foxp3 in regulatory T cells. *Nature Immunology*, **2009**, 10, 1170-7	19.1	156
138	Regulation of IL-4 expression by activation of individual alleles. *Immunity*, **1998**, 9, 217-28	32.3	154
137	ThPOK acts late in specification of the helper T cell lineage and suppresses Runx-mediated commitment to the cytotoxic T cell lineage. *Nature Immunology*, **2008**, 9, 1131-9	19.1	153
136	Viral receptors of the immunoglobulin superfamily. *Cell*, **1989**, 56, 725-8	56.2	153
135	Transcriptional regulatory networks in Th17 cell differentiation. *Current Opinion in Immunology*, **2009**, 21, 146-52	7.8	152
134	Epigenetic silencing of CD4 in T cells committed to the cytotoxic lineage. *Nature Genetics*, **2001**, 29, 332-6	36.3	152

133	Small molecule inhibitors of RORγt targeting Th17 cells and other applications. *European Journal of Immunology*, **2012**, 42, 2232-7	6.1	147
132	Role for CXCR6 in recruitment of activated CD8+ lymphocytes to inflamed liver. *Journal of Immunology*, **2005**, 174, 277-83	5.3	145
131	Identification and sequence of a fourth human T cell antigen receptor chain. *Nature*, **1987**, 330, 569-72	50.4	145
130	Identification of natural RORγ ligands that regulate the development of lymphoid cells. *Cell Metabolism*, **2015**, 21, 286-298	24.6	144
129	The genome of th17 cell-inducing segmented filamentous bacteria reveals extensive auxotrophy and adaptations to the intestinal environment. *Cell Host and Microbe*, **2011**, 10, 260-72	23.4	142
128	The Prevotella copri Complex Comprises Four Distinct Clades Underrepresented in Westernized Populations. *Cell Host and Microbe*, **2019**, 26, 666-679.e7	23.4	141
127	Exclusive and persistent use of the entry coreceptor CXCR4 by human immunodeficiency virus type 1 from a subject homozygous for CCR5 delta32. *Journal of Virology*, **1998**, 72, 6040-7	6.6	139
126	Modulation of immune homeostasis by commensal bacteria. *Current Opinion in Microbiology*, **2011**, 14, 106-14	7.9	134
125	Protein kinase C betaII regulates Akt phosphorylation on Ser-473 in a cell type- and stimulus-specific fashion. *Journal of Biological Chemistry*, **2004**, 279, 47720-5	5.4	133
124	Neutralization sensitivity of human immunodeficiency virus type 1 primary isolates to antibodies and CD4-based reagents is independent of coreceptor usage. *Journal of Virology*, **1998**, 72, 1876-85	6.6	133
123	DDX5 and its associated lncRNA Rmrp modulate TH17 cell effector functions. *Nature*, **2015**, 528, 517-22	50.4	130
122	CXCR4 acts as a costimulator during thymic beta-selection. *Nature Immunology*, **2010**, 11, 162-70	19.1	128
121	Runx1 prevents wasting, myofibrillar disorganization, and autophagy of skeletal muscle. *Genes and Development*, **2005**, 19, 1715-22	12.6	121
120	Helper T-cell development in the absence of CD4-p56lck association. *Nature*, **1993**, 364, 729-32	50.4	120
119	Use of coreceptors other than CCR5 by non-syncytium-inducing adult and pediatric isolates of human immunodeficiency virus type 1 is rare in vitro. *Journal of Virology*, **1998**, 72, 9337-44	6.6	120
118	Unusual intron in the immunoglobulin domain of the newly isolated murine CD4 (L3T4) gene. *Nature*, **1987**, 325, 453-5	50.4	119
117	Cutting edge: organogenesis of nasal-associated lymphoid tissue (NALT) occurs independently of lymphotoxin-alpha (LT alpha) and retinoic acid receptor-related orphan receptor-gamma, but the organization of NALT is LT alpha dependent. *Journal of Immunology*, **2002**, 168, 986-90	5.3	108
116	Serum Amyloid A Proteins Induce Pathogenic Th17 Cells and Promote Inflammatory Disease. *Cell*, **2020**, 180, 79-91.e16	56.2	102

115	Critical Role for the Microbiota in CXCR1 Intestinal Mononuclear Phagocyte Regulation of Intestinal T Cell Responses. *Immunity*, **2018**, 49, 151-163.e5	32.3	101
114	An enhancer that directs lineage-specific expression of CD8 in positively selected thymocytes and mature T cells. *Immunity*, **1997**, 7, 537-47	32.3	99
113	Evidence for distinct CD4 silencer functions at different stages of thymocyte differentiation. *Molecular Cell*, **2002**, 10, 1083-96	17.6	99
112	Characterization of an expressed CD3-associated Ti gamma-chain reveals C gamma domain polymorphism. *Nature*, **1987**, 326, 85-8	50.4	99
111	SIRT1 deacetylates RORt and enhances Th17 cell generation. *Journal of Experimental Medicine*, **2015**, 212, 607-17	16.6	98
110	Multiple developmental stage-specific enhancers regulate CD8 expression in developing thymocytes and in thymus-independent T cells. *Immunity*, **1998**, 9, 485-96	32.3	97
109	Disruption of T lymphocyte positive and negative selection in mice lacking the CD8 beta chain. *Immunity*, **1994**, 1, 277-85	32.3	96
108	Drosha regulates neurogenesis by controlling neurogenin 2 expression independent of microRNAs. *Nature Neuroscience*, **2012**, 15, 962-9	25.5	95
107	Protein kinase C-theta;: signaling from the center of the T-cell synapse. *Current Opinion in Immunology*, **2002**, 14, 323-30	7.8	93
106	Runx3 regulates integrin alpha E/CD103 and CD4 expression during development of CD4-/CD8+ T cells. *Journal of Immunology*, **2005**, 175, 1694-705	5.3	93
105	Feeding-dependent VIP neuron-ILC3 circuit regulates the intestinal barrier. *Nature*, **2020**, 579, 575-580	50.4	92
104	CD11chigh dendritic cell ablation impairs lymphopenia-driven proliferation of naive and memory CD8+ T cells. *Journal of Immunology*, **2005**, 175, 6428-35	5.3	91
103	Progress toward a human CD4/CCR5 transgenic rat model for de novo infection by human immunodeficiency virus type 1. *Journal of Experimental Medicine*, **2002**, 195, 719-36	16.6	91
102	Segmented Filamentous Bacteria Provoke Lung Autoimmunity by Inducing Gut-Lung Axis Th17 Cells Expressing Dual TCRs. *Cell Host and Microbe*, **2017**, 22, 697-704.e4	23.4	90
101	The inducible deletion of Drosha and microRNAs in mature podocytes results in a collapsing glomerulopathy. *Kidney International*, **2011**, 80, 719-30	9.9	88
100	The chemokine stromal cell-derived factor-1 promotes the survival of embryonic retinal ganglion cells. *Journal of Neuroscience*, **2003**, 23, 4601-12	6.6	84
99	Apoptotic signaling through the beta -adrenergic receptor. A new Gs effector pathway. *Journal of Biological Chemistry*, **2000**, 275, 20726-33	5.4	82
98	Distinct Roles of Brd2 and Brd4 in Potentiating the Transcriptional Program for Th17 Cell Differentiation. *Molecular Cell*, **2017**, 65, 1068-1080.e5	17.6	81

97	Releasing the Brakes on Cancer Immunotherapy. *Cell*, **2015**, 162, 1186-90	56.2	79
96	Participation of CD4 coreceptor molecules in T-cell repertoire selection. *Nature*, **1991**, 349, 241-3	50.4	79
95	Stem cell exhaustion due to Runx1 deficiency is prevented by Evi5 activation in leukemogenesis. *Blood*, **2010**, 115, 1610-20	2.2	78
94	PKCtheta signals activation versus tolerance in vivo. *Journal of Experimental Medicine*, **2004**, 199, 743-52	16.6	77
93	Harnessing CD4+ T cell responses in HIV vaccine development. *Nature Medicine*, **2013**, 19, 143-9	50.5	75
92	Critical role of IRF1 and BATF in forming chromatin landscape during type 1 regulatory cell differentiation. *Nature Immunology*, **2017**, 18, 412-421	19.1	74
91	Dendritic cell-mediated trans-enhancement of human immunodeficiency virus type 1 infectivity is independent of DC-SIGN. *Journal of Virology*, **2007**, 81, 2519-23	6.6	73
90	Dynamic microRNA gene transcription and processing during T cell development. *Journal of Immunology*, **2012**, 188, 3257-67	5.3	69
89	Mice deficient in the chemokine receptor CXCR4 exhibit impaired limb innervation and myogenesis. *Molecular and Cellular Neurosciences*, **2005**, 30, 494-505	4.8	68
88	Functional and antigenic characterization of human, rhesus macaque, pigtailed macaque, and murine DC-SIGN. *Journal of Virology*, **2001**, 75, 10281-9	6.6	67
87	Species-specific restriction of apobec3-mediated hypermutation. *Journal of Virology*, **2008**, 82, 1305-13	6.6	65
86	Runx1 protects hematopoietic stem/progenitor cells from oncogenic insult. *Stem Cells*, **2007**, 25, 2976-86	5.8	63
85	Caspase-8 and c-FLIPL associate in lipid rafts with NF-kappaB adaptors during T cell activation. *Journal of Biological Chemistry*, **2007**, 282, 19365-74	5.4	62
84	Regulation of DNA methylation dictates Cd4 expression during the development of helper and cytotoxic T cell lineages. *Nature Immunology*, **2015**, 16, 746-54	19.1	60
83	Actin Dynamics Regulates Dendritic Cell-Mediated Transfer of HIV-1 to T Cells. *Cell*, **2016**, 164, 695-709	56.2	57
82	The SDF-1/CXCR4 pathway and the development of the cerebellar system. *European Journal of Neuroscience*, **2005**, 22, 1831-9	3.5	57
81	Epigenetic gene silencing by Runx proteins. *Oncogene*, **2004**, 23, 4341-5	9.2	56
80	Combined deletion of CD8 locus cis-regulatory elements affects initiation but not maintenance of CD8 expression. *Immunity*, **2002**, 16, 623-34	32.3	55

79	Hiding in plain sight: how HIV evades innate immune responses. *Cell*, **2011**, 147, 271-4	56.2	54
78	Disruption of CD8-dependent negative and positive selection of thymocytes is correlated with a decreased association between CD8 and the protein tyrosine kinase, p56lck. *European Journal of Immunology*, **1992**, 22, 735-43	6.1	54
77	Distinct Polysaccharide Utilization Profiles of Human Intestinal Prevotella copri Isolates. *Cell Host and Microbe*, **2019**, 26, 680-690.e5	23.4	53
76	Epigenetic propagation of CD4 expression is established by the Cd4 proximal enhancer in helper T cells. *Genes and Development*, **2010**, 24, 659-69	12.6	52
75	NK cell-activating receptors require PKC-theta for sustained signaling, transcriptional activation, and IFN-gamma secretion. *Blood*, **2008**, 112, 4109-16	2.2	52
74	Chemokine receptors in lymphoid organ homeostasis. *Current Opinion in Immunology*, **1999**, 11, 319-25	7.8	52
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