

Hisashi Arase

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

154
papers

8,604
citations

48
h-index

91
g-index

176
ext. papers

9,668
ext. citations

9.5
avg, IF

5.53
L-index

#	Paper	IF	Citations
154	Downregulation of HLA class II is associated with relapse after allogeneic stem cell transplantation and alters recognition by antigen-specific T cells.. <i>International Journal of Hematology</i> , 2022 , 115, 371	2.3	0
153	Serum autoantibodies against the extracellular region of $\beta 4$ integrin in a patient with dipeptidyl peptidase-4 inhibitor-induced bullous pemphigoid.. <i>JAAD Case Reports</i> , 2022 , 20, 65-68	1.4	1
152	A Case of Pretibial Epidermolysis Bullosa with Novel Mutations of the Gene.. <i>Annals of Dermatology</i> , 2022 , 34, 81-83	0.4	0
151	Abrogation of self-tolerance by misfolded self-antigens complexed with MHC class II molecules.. <i>Science Advances</i> , 2022 , 8, eabj9867	14.3	0
150	Siglec-7 mediates varicella-zoster virus infection by associating with glycoprotein B.. <i>Biochemical and Biophysical Research Communications</i> , 2022 , 607, 67-72	3.4	1
149	Preclinical study of a DNA vaccine targeting SARS-CoV-2.. <i>Current Research in Translational Medicine</i> , 2022 , 70, 103348	3.7	0
148	Infectivity-enhancing antibodies against SARS-CoV-2. <i>Translational and Regulatory Sciences</i> , 2022 , 4, 1-4	0.3	0
147	Regulation of Siglec-7-mediated varicella-zoster virus infection of primary monocytes by cis-ligands.. <i>Biochemical and Biophysical Research Communications</i> , 2022 , 613, 41-46	3.4	0
146	The SARS-CoV-2 Lambda variant exhibits enhanced infectivity and immune resistance.. <i>Cell Reports</i> , 2021 , 110218	10.6	40
145	Cell surface-expressed Ro52/IgG/HLA-DR complex is targeted by autoantibodies in patients with inflammatory myopathies.. <i>Journal of Autoimmunity</i> , 2021 , 126, 102774	15.5	0
144	LILRB3 supports acute myeloid leukemia development and regulates T-cell antitumor immune responses through the TRAF2-cFLIP-NF- κ B signaling axis.. <i>Nature Cancer</i> , 2021 , 2, 1170-1184	15.4	2
143	Identification of conserved SARS-CoV-2 spike epitopes that expand public cTfh clonotypes in mild COVID-19 patients. <i>Journal of Experimental Medicine</i> , 2021 , 218,	16.6	5
142	The major histocompatibility complex: new insights from old molecules into the pathogenesis of autoimmunity. <i>International Immunology</i> , 2021 , 33, 641-645	4.9	1
141	Plasmodium falciparum RIFIN is a novel ligand for inhibitory immune receptor LILRB2. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 548, 167-173	3.4	3
140	Blockade of checkpoint ILT3/LILRB4/gp49B binding to fibronectin ameliorates autoimmune disease in BXSb/Yaa mice. <i>International Immunology</i> , 2021 , 33, 447-458	4.9	4
139	An infectivity-enhancing site on the SARS-CoV-2 spike protein targeted by antibodies. <i>Cell</i> , 2021 , 184, 3452-3466.e18	56.2	76
138	Anti-Double-Stranded DNA Antibodies Recognize DNA Presented on HLA Class II Molecules of Systemic Lupus Erythematosus Risk Alleles. <i>Arthritis and Rheumatology</i> , 2021 ,	9.5	2

137	A TCR-like antibody against a proinsulin-containing fusion peptide ameliorates type 1 diabetes in NOD mice. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 534, 680-686	3.4	2
136	The 49th Annual Meeting of the Japanese Society for Immunology: COVID-19 and Immunity. <i>International Immunology</i> , 2021 , 33, 193-196	4.9	
135	TRIM28 Expression on Dendritic Cells Prevents Excessive T Cell Priming by Silencing Endogenous Retrovirus. <i>Journal of Immunology</i> , 2021 , 206, 1528-1539	5.3	5
134	The β -Glycoprotein I/HLA-DR Complex As a Major Autoantibody Target in Obstetric Antiphospholipid Syndrome. <i>Arthritis and Rheumatology</i> , 2020 , 72, 1882-1891	9.5	6
133	Molecular mechanism of the recognition of bacterially cleaved immunoglobulin by the immune regulatory receptor LILRA2. <i>Journal of Biological Chemistry</i> , 2020 , 295, 9531-9541	5.4	5
132	Genotype and phenotype analysis of patients with pediatric cutaneous mastocytosis, especially wild-type KIT patients. <i>Journal of Dermatology</i> , 2020 , 47, 426-429	1.6	6
131	Antigen-driven selection of antibodies against SSA, SSB and the centromere α complex including a novel antigen, MIS12 complex, in human salivary glands. <i>Annals of the Rheumatic Diseases</i> , 2020 , 79, 150-158	2.4	13
130	Structural basis for RIFIN-mediated activation of LILRB1 in malaria. <i>Nature</i> , 2020 , 587, 309-312	50.4	15
129	Antagonistic anti-LILRB1 monoclonal antibody regulates antitumor functions of natural killer cells 2020 , 8,		11
128	Transport of cellular misfolded proteins to the cell surface by HLA-B27 free heavy chain. <i>Biochemical and Biophysical Research Communications</i> , 2019 , 511, 862-868	3.4	2
127	Fc γ RIIIA-mediated activation of NK cells by IgG heavy chain complexed with MHC class II molecules. <i>International Immunology</i> , 2019 , 31, 303-314	4.9	3
126	Autoantibodies detected in patients with vitiligo vulgaris but not in those with rhododendrol-induced leukoderma. <i>Journal of Dermatological Science</i> , 2019 , 95, 80-83	4.3	2
125	Case of epidermolytic ichthyosis with impairment of pulmonary function and exacerbated skin manifestations in a late middle-aged adult. <i>Journal of Dermatology</i> , 2019 , 46, e480-e482	1.6	
124	Glycans in Infection and Immunity 2019 , 227-257		
123	Invariant chain p41 mediates production of soluble MHC class II molecules. <i>Biochemical and Biophysical Research Communications</i> , 2019 , 509, 216-221	3.4	3
122	Novel autoantibody against the β -glycoprotein I/human leucocyte antigen-DR complex in patients with refractory cutaneous ulcers. <i>British Journal of Dermatology</i> , 2018 , 178, 272-275	4	10
121	Heme ameliorates dextran sodium sulfate-induced colitis through providing intestinal macrophages with noninflammatory profiles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 8418-8423	11.5	27
120	Heightened BRAF and BRAF pseudogene expression levels in 2 Japanese patients with Erdheim-Chester disease. <i>Journal of Cutaneous Immunology and Allergy</i> , 2018 , 1, 16-22	0.3	

119	Blocking immunoinhibitory receptor LILRB2 reprograms tumor-associated myeloid cells and promotes antitumor immunity. <i>Journal of Clinical Investigation</i> , 2018 , 128, 5647-5662	15.9	66
118	LILRB4 signalling in leukaemia cells mediates T cell suppression and tumour infiltration. <i>Nature</i> , 2018 , 562, 605-609	50.4	81
117	Myeloperoxidase/HLA Class II Complexes Recognized by Autoantibodies in Microscopic Polyangiitis. <i>Arthritis and Rheumatology</i> , 2017 , 69, 2069-2080	9.5	18
116	Structural and thermodynamic analyses reveal critical features of glycopeptide recognition by the human PILR α immune cell receptor. <i>Journal of Biological Chemistry</i> , 2017 , 292, 21128-21136	5.4	6
115	The Fc Domain of Immunoglobulin Is Sufficient to Bridge NK Cells with Virally Infected Cells. <i>Immunity</i> , 2017 , 47, 159-170.e10	32.3	19
114	Immune evasion of Plasmodium falciparum by RIFIN via inhibitory receptors. <i>Nature</i> , 2017 , 552, 101-105	50.4	76
113	Rapid Screening by Cell-Based Fusion Assay for Identifying Novel Antivirals of Glycoprotein B-Mediated Herpes Simplex Virus Type 1 Infection. <i>Biological and Pharmaceutical Bulletin</i> , 2016 , 39, 1897-1902 ³	2.3	3
112	Microbially cleaved immunoglobulins are sensed by the innate immune receptor LILRA2. <i>Nature Microbiology</i> , 2016 , 1, 16054	26.6	27
111	The effect of rhododendrol inhibition of NF- κ B on melanocytes in the presence of tyrosinase. <i>Journal of Dermatological Science</i> , 2016 , 83, 157-9	4.3	6
110	Monocyte infiltration into obese and fibrilized tissues is regulated by PILR α . <i>European Journal of Immunology</i> , 2016 , 46, 1214-23	6.1	12
109	Establishment of a Therapeutic Anti-Pan HLA-Class II Monoclonal Antibody That Directly Induces Lymphoma Cell Death via Large Pore Formation. <i>PLoS ONE</i> , 2016 , 11, e0150496	3.7	2
108	Rheumatoid Rescue of Misfolded Cellular Proteins by MHC Class II Molecules: A New Hypothesis for Autoimmune Diseases. <i>Advances in Immunology</i> , 2016 , 129, 1-23	5.6	15
107	Negative regulation of DSS-induced experimental colitis by PILR α . <i>International Immunology</i> , 2015 , 27, 307-14	4.9	10
106	Endothelial CD99 signals through soluble adenylyl cyclase and PKA to regulate leukocyte transendothelial migration. <i>Journal of Experimental Medicine</i> , 2015 , 212, 1021-41	16.6	75
105	α -Glycoprotein I/HLA class II complexes are novel autoantigens in antiphospholipid syndrome. <i>Blood</i> , 2015 , 125, 2835-44	2.2	42
104	Cellular misfolded proteins rescued from degradation by MHC class II molecules are possible targets for autoimmune diseases. <i>Journal of Biochemistry</i> , 2015 , 158, 367-72	3.1	14
103	Sialic Acids on Varicella-Zoster Virus Glycoprotein B Are Required for Cell-Cell Fusion. <i>Journal of Biological Chemistry</i> , 2015 , 290, 19833-43	5.4	20
102	Functional and genetic diversity of leukocyte immunoglobulin-like receptor and implication for disease associations. <i>Journal of Human Genetics</i> , 2015 , 60, 703-8	4.3	62

101	Viral Interactions with Glycans 2015 , 785-794		2
100	Heme-mediated SPI-C induction promotes monocyte differentiation into iron-recycling macrophages. <i>Cell</i> , 2014 , 156, 1223-1234	56.2	258
99	Regulation of immune responses by neutrophils. <i>Annals of the New York Academy of Sciences</i> , 2014 , 1319, 66-81	6.5	57
98	Engineering large viral DNA genomes using the CRISPR-Cas9 system. <i>Microbiology and Immunology</i> , 2014 , 58, 513-22	2.7	61
97	A motif in LILRB2 critical for Angptl2 binding and activation. <i>Blood</i> , 2014 , 124, 924-35	2.2	57
96	Structural basis for simultaneous recognition of an O-glycan and its attached peptide of mucin family by immune receptor PILR. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 8877-82	11.5	29
95	Autoantibodies to IgG/HLA class II complexes are associated with rheumatoid arthritis susceptibility. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 3787-92	11.5	44
94	Viral Interactions with Glycans 2014 , 1-9		
93	Herpesvirus 6 glycoproteins B (gB), gH, gL, and gQ are necessary and sufficient for cell-to-cell fusion. <i>Journal of Virology</i> , 2013 , 87, 10900-3	6.6	18
92	Neutrophil infiltration during inflammation is regulated by PILR via modulation of integrin activation. <i>Nature Immunology</i> , 2013 , 14, 34-40	19.1	52
91	Transport of misfolded endoplasmic reticulum proteins to the cell surface by MHC class II molecules. <i>International Immunology</i> , 2013 , 25, 235-46	4.9	38
90	CD1a-positive familial cutaneous mastocytosis without germ-line or somatic mutations in c-kit. <i>British Journal of Dermatology</i> , 2013 , 169, 201-4	4	6
89	Overcoming chemoresistance of small-cell lung cancer through stepwise HER2-targeted antibody-dependent cell-mediated cytotoxicity and VEGF-targeted antiangiogenesis. <i>Scientific Reports</i> , 2013 , 3, 2669	4.9	20
88	Us3 kinase encoded by herpes simplex virus 1 mediates downregulation of cell surface major histocompatibility complex class I and evasion of CD8+ T cells. <i>PLoS ONE</i> , 2013 , 8, e72050	3.7	27
87	Significant association of KIR2DL3-HLA-C1 combination with cerebral malaria and implications for co-evolution of KIR and HLA. <i>PLoS Pathogens</i> , 2012 , 8, e1002565	7.6	47
86	Inhibitory roles of signal transducer and activator of transcription 3 in antitumor immunity during carcinogen-induced lung tumorigenesis. <i>Cancer Research</i> , 2012 , 72, 2990-9	10.1	43
85	The development of colitogenic CD4(+) T cells is regulated by IL-7 in collaboration with NK cell function in a murine model of colitis. <i>Journal of Immunology</i> , 2012 , 188, 2524-36	5.3	19
84	PANP is a novel O-glycosylated PILR ligand expressed in neural tissues. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 405, 428-33	3.4	21

83	Non-muscle myosin IIA is a functional entry receptor for herpes simplex virus-1. <i>Nature</i> , 2010 , 467, 859-62	30.4	158
82	A single-amino-acid substitution in herpes simplex virus 1 envelope glycoprotein B at a site required for binding to the paired immunoglobulin-like type 2 receptor alpha (PILRalpha) abrogates PILRalpha-dependent viral entry and reduces pathogenesis. <i>Journal of Virology</i> , 2010 , 84, 10773-83	6.6	28
81	Myelin-associated glycoprotein mediates membrane fusion and entry of neurotropic herpesviruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 866-71	11.5	110
80	Binding and uptake of H-ferritin are mediated by human transferrin receptor-1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 3505-10	11.5	317
79	Effects of phosphorylation of herpes simplex virus 1 envelope glycoprotein B by Us3 kinase in vivo and in vitro. <i>Journal of Virology</i> , 2010 , 84, 153-62	6.6	28
78	Ly49H signaling through DAP10 is essential for optimal natural killer cell responses to mouse cytomegalovirus infection. <i>Journal of Experimental Medicine</i> , 2009 , 206, 807-17	16.6	63
77	Entry of herpes simplex virus 1 and other alphaherpesviruses via the paired immunoglobulin-like type 2 receptor alpha. <i>Journal of Virology</i> , 2009 , 83, 4520-7	6.6	64
76	Differential effects on cell fusion activity of mutations in herpes simplex virus 1 glycoprotein B (gB) dependent on whether a gD receptor or a gB receptor is overexpressed. <i>Journal of Virology</i> , 2009 , 83, 7384-90	6.6	23
75	Binding of herpes simplex virus glycoprotein B (gB) to paired immunoglobulin-like type 2 receptor alpha depends on specific sialylated O-linked glycans on gB. <i>Journal of Virology</i> , 2009 , 83, 13042-5	6.6	47
74	The study of regulatory T cells and NKT cells in Japan: a historical perspective. <i>International Immunology</i> , 2009 , 21, 1101-3	4.9	3
73	Herpes simplex virus 1 protein kinase Us3 phosphorylates viral envelope glycoprotein B and regulates its expression on the cell surface. <i>Journal of Virology</i> , 2009 , 83, 250-61	6.6	62
72	Ly49Q ligand expressed by activated B cells induces plasmacytoid DC maturation. <i>European Journal of Immunology</i> , 2009 , 39, 1344-52	6.1	5
71	PILRalpha is a herpes simplex virus-1 entry coreceptor that associates with glycoprotein B. <i>Cell</i> , 2008 , 132, 935-44	56.2	220
70	Modulation of dendritic cell differentiation by HLA-G and ILT4 requires the IL-6--STAT3 signaling pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 8357-62	11.5	146
69	Bimodal regulation of T cell-mediated immune responses by TIM-4. <i>International Immunology</i> , 2008 , 20, 695-708	4.9	60
68	Biophysical characterization of O-glycosylated CD99 recognition by paired Ig-like type 2 receptors. <i>Journal of Biological Chemistry</i> , 2008 , 283, 8893-901	5.4	25
67	An essential role of sialylated O-linked sugar chains in the recognition of mouse CD99 by paired Ig-like type 2 receptor (PILR). <i>Journal of Immunology</i> , 2008 , 180, 1686-93	5.3	31
66	HSV-1 infection through inhibitory receptor, PILRalpha. <i>Virus</i> , 2008 , 58, 27-36	0.1	14

65	Expression, crystallization and preliminary X-ray diffraction analysis of human paired Ig-like type 2 receptor alpha (PILRalpha). <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2008 , 64, 44-6		1
64	Cloning of B cell-specific membrane tetraspanning molecule BTS possessing B cell proliferation-inhibitory function. <i>European Journal of Immunology</i> , 2007 , 37, 3197-207	6.1	11
63	Cutting Edge: KIR3DS1, a gene implicated in resistance to progression to AIDS, encodes a DAP12-associated receptor expressed on NK cells that triggers NK cell activation. <i>Journal of Immunology</i> , 2007 , 178, 647-51	5.3	118
62	Structural elucidation of the m157 mouse cytomegalovirus ligand for Ly49 natural killer cell receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 10128-33	11.5	74
61	Efficient leukocyte Ig-like receptor signaling and crystal structure of disulfide-linked HLA-G dimer. <i>Journal of Biological Chemistry</i> , 2006 , 281, 10439-47	5.4	164
60	Regulation of innate immunity by paired receptors. <i>International Congress Series</i> , 2005 , 1285, 60-67		
59	Heterotypic interaction of CRTAM with Necl2 induces cell adhesion on activated NK cells and CD8+ T cells. <i>International Immunology</i> , 2005 , 17, 1227-37	4.9	58
58	Down-regulation of basophil function by human CD200 and human herpesvirus-8 CD200. <i>Journal of Immunology</i> , 2005 , 175, 4441-9	5.3	75
57	Fc epsilon RI gamma-ITAM is differentially required for mast cell function in vivo. <i>Journal of Immunology</i> , 2004 , 172, 2374-81	5.3	40
56	Activation of natural killer cells and dendritic cells upon recognition of a novel CD99-like ligand by paired immunoglobulin-like type 2 receptor. <i>Journal of Experimental Medicine</i> , 2004 , 199, 525-33	16.6	106
55	Involvement of FcRgamma in signal transduction of osteoclast-associated receptor (OSCAR). <i>International Immunology</i> , 2004 , 16, 1019-25	4.9	37
54	NFAM1, an immunoreceptor tyrosine-based activation motif-bearing molecule that regulates B cell development and signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 8126-31	11.5	85
53	Missing self-recognition of Ocl/Clr-b by inhibitory NKR-P1 natural killer cell receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 3527-32	11.5	170
52	Specific recognition of virus-infected cells by paired NK receptors. <i>Reviews in Medical Virology</i> , 2004 , 14, 83-93	11.7	54
51	NKG2D-mediated natural killer cell protection against cytomegalovirus is impaired by viral gp40 modulation of retinoic acid early inducible 1 gene molecules. <i>Journal of Experimental Medicine</i> , 2003 , 197, 1245-53	16.6	230
50	IgE-mediated activation of NK cells through Fc gamma RIII. <i>Journal of Immunology</i> , 2003 , 170, 3054-8	5.3	36
49	Virus-driven evolution of natural killer cell receptors. <i>Microbes and Infection</i> , 2002 , 4, 1505-12	9.3	46
48	Cutting edge: negative regulation of immune synapse formation by anchoring lipid raft to cytoskeleton through Cbp-EBP50-ERM assembly. <i>Journal of Immunology</i> , 2002 , 168, 541-4	5.3	148

47	Predominant role of T cell receptor (TCR)-alpha chain in forming preimmune TCR repertoire revealed by clonal TCR reconstitution system. <i>Journal of Experimental Medicine</i> , 2002 , 195, 991-1001	16.6	64
46	Direct recognition of cytomegalovirus by activating and inhibitory NK cell receptors. <i>Science</i> , 2002 , 296, 1323-6	33.3	953
45	E2A and HEB activate the pre-TCR alpha promoter during immature T cell development. <i>Journal of Immunology</i> , 2001 , 167, 2157-63	5.3	40
44	Cytokine-independent Jak3 activation upon T cell receptor (TCR) stimulation through direct association of Jak3 and the TCR complex. <i>Journal of Biological Chemistry</i> , 2001 , 276, 25378-85	5.4	22
43	Cutting edge: the mouse NK cell-associated antigen recognized by DX5 monoclonal antibody is CD49b (alpha 2 integrin, very late antigen-2). <i>Journal of Immunology</i> , 2001 , 167, 1141-4	5.3	195
42	Negative regulation of expression and function of Fc gamma RIII by CD3 zeta in murine NK cells. <i>Journal of Immunology</i> , 2001 , 166, 21-5	5.3	24
41	Regulation of cell surface expression of CTLA-4 by secretion of CTLA-4-containing lysosomes upon activation of CD4+ T cells. <i>Journal of Immunology</i> , 2000 , 165, 5062-8	5.3	111
40	A Di-leucine signal in the ubiquitin moiety. Possible involvement in ubiquitination-mediated endocytosis. <i>Journal of Biological Chemistry</i> , 2000 , 275, 26213-9	5.4	68
39	Immune complex and Fc receptor-mediated augmentation of antigen presentation for in vivo Th cell responses. <i>Journal of Immunology</i> , 2000 , 164, 6113-9	5.3	76
38	The quantity of TCR signal determines positive selection and lineage commitment of T cells. <i>Journal of Immunology</i> , 2000 , 165, 6252-61	5.3	28
37	Ablation of a specific cell population by the replacement of a uniquely expressed gene with a toxin gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999 , 96, 9264-8	11.5	13
36	Resistance of Fc receptor- deficient mice to fatal glomerulonephritis. <i>Journal of Clinical Investigation</i> , 1998 , 102, 1229-38	15.9	207
35	Association with FcRgamma is essential for activation signal through NKR-P1 (CD161) in natural killer (NK) cells and NK1.1+ T cells. <i>Journal of Experimental Medicine</i> , 1997 , 186, 1957-63	16.6	134
34	Crucial role of Jak3 in negative selection of self-reactive T cells. <i>Journal of Experimental Medicine</i> , 1997 , 185, 351-6	16.6	61
33	Influence of graft versus host reaction on the T cell repertoire differentiating from bone marrow precursors following allogeneic bone marrow transplantation. <i>Transplant Immunology</i> , 1997 , 5, 75-82	1.7	5
32	Th1 and Th2 subsets equally undergo Fas-dependent and -independent activation-induced cell death. <i>European Journal of Immunology</i> , 1997 , 27, 1858-64	6.1	48
31	Development and functions of natural killer T(NKT) cells.. <i>The Journal of the Japanese Society of Lymphoreticular Tissue Research</i> , 1997 , 37, 201-210		
30	Preferential requirement of CD3 zeta-mediated signals for development of immature rather than mature thymocytes. <i>International Immunology</i> , 1996 , 8, 1055-66	4.9	4

29	Mitogenic effect of HIV-infected human T cell lines on mouse B cells mediated by surface immunoglobulin. <i>Clinical and Experimental Immunology</i> , 1996 , 103, 24-9	6.2	
28	Interferon gamma production by natural killer (NK) cells and NK1.1+ T cells upon NKR-P1 cross-linking. <i>Journal of Experimental Medicine</i> , 1996 , 183, 2391-6	16.6	297
27	Fas-mediated cytotoxicity by freshly isolated natural killer cells. <i>Journal of Experimental Medicine</i> , 1995 , 181, 1235-8	16.6	331
26	Developmental arrest of NK1.1+ T cell antigen receptor (TCR)-alpha/beta+ T cells and expansion of NK1.1+ TCR-gamma/delta+ T cell development in CD3 zeta-deficient mice. <i>Journal of Experimental Medicine</i> , 1995 , 182, 891-5	16.6	56
25	Developmental defects of lymphoid cells in Jak3 kinase-deficient mice. <i>Immunity</i> , 1995 , 3, 771-82	32.3	443
24	Production of minor lymphocyte stimulatory-1a antigens from T cell subsets. <i>Immunobiology</i> , 1995 , 193, 378-90	3.4	3
23	Differential contribution of the FcR gamma chain to the surface expression of the T cell receptor among T cells localized in epithelia: analysis of FcR gamma-deficient mice. <i>European Journal of Immunology</i> , 1995 , 25, 2107-10	6.1	42
22	Cytotoxicity of fresh NK1.1+ T cell receptor alpha/beta+ thymocytes against a CD4+8+ thymocyte population associated with intact Fas antigen expression on the target. <i>Journal of Experimental Medicine</i> , 1994 , 180, 423-32	16.6	133
21	Contribution of host radioresistant T cells to the clonal elimination of minor lymphocyte stimulatory-1a reactive T cells in mouse bone marrow chimeras. <i>Cellular Immunology</i> , 1994 , 156, 13-23	4.4	10
20	Functional studies on MEL-14+ and MEL-14- T cells in peripheral lymphoid tissues. <i>Immunobiology</i> , 1994 , 190, 225-42	3.4	10
19	Comparative analyses of thymocyte and thymic low-density adherent cell functions. <i>Microbiology and Immunology</i> , 1994 , 38, 879-90	2.7	3
18	Influence of a small number of mature T cells in donor bone marrow inocula on reconstitution of lymphoid tissues and negative selection of a T cell repertoire in the recipient. <i>Microbiology and Immunology</i> , 1993 , 37, 883-94	2.7	5
17	NK1.1+ CD4+ CD8- thymocytes with specific lymphokine secretion. <i>European Journal of Immunology</i> , 1993 , 23, 307-10	6.1	239
16	Reconstitution of lymphoid tissues under the influence of a subclinical level of graft versus host reaction induced by bone marrow T cells or splenic T cell subsets. <i>Cellular Immunology</i> , 1993 , 151, 118-32	4.4	12
15	Clonal elimination of self reactive V beta 6+ T cells induced by H-2 products expressed on thymic radio-resistant components. <i>International Immunology</i> , 1992 , 4, 75-82	4.9	11
14	An NK1.1+ CD4+8- single-positive thymocyte subpopulation that expresses a highly skewed T-cell antigen receptor V beta family. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992 , 89, 6506-10	11.5	239
13	Cell components required for deletion of an autoreactive T cell repertoire. <i>European Journal of Immunology</i> , 1990 , 20, 1153-60	6.1	12
12	Thymus: a direct target tissue in graft-versus-host reaction after allogeneic bone marrow transplantation that results in abrogation of induction of self-tolerance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1990 , 87, 6301-5	11.5	109

11	Sequential analysis of the thymocyte differentiation in fully allogeneic bone marrow chimera in mice. II. Further characterization of the CD4+ or CD8+ single positive thymocytes. <i>Immunobiology</i> , 1990 , 180, 167-83	3.4	18
10	Sequential analysis of the thymocyte differentiation in fully allogeneic bone marrow chimera in mice. I. Relationship between functions and surface characteristics of thymocytes. <i>Immunobiology</i> , 1990 , 180, 149-66	3.4	10
9	Donor and recipient specific tolerance in cells from semi-allogeneic, H-2 subregion compatible or fully allogeneic bone marrow chimeras attributable to clonal deletion. <i>Immunobiology</i> , 1989 , 179, 172-89 ^{3.4}		11
8	Positive selection of a T-cell subpopulation in the thymus in which it develops. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989 , 86, 5089-93	11.5	16
7	SARS-CoV-2-induced humoral immunity through B cell epitope analysis and neutralizing activity in COVID-19 infected individuals in Japan		2
6	Broad human and animal coronavirus neutralisation by SARS-CoV-2 S2-targeted vaccination		1
5	Preclinical study of DNA vaccines targeting SARS-CoV-2		3
4	The N-terminal domain of spike glycoprotein mediates SARS-CoV-2 infection by associating with L-SIGN and DC-SIGN		30
3	An infectivity-enhancing site on the SARS-CoV-2 spike protein is targeted by COVID-19 patient antibodies		3
2	SARS-CoV-2 Lambda variant exhibits higher infectivity and immune resistance		35
1	The SARS-CoV-2 Delta variant is poised to acquire complete resistance to wild-type spike vaccines		9