

# Hisashi Arase

## List of Publications by Citations

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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	Direct recognition of cytomegalovirus by activating and inhibitory NK cell receptors. <i>Science</i> , <b>2002</b> , 296, 1323-6	33.3	953
153	Developmental defects of lymphoid cells in Jak3 kinase-deficient mice. <i>Immunity</i> , <b>1995</b> , 3, 771-82	32.3	443
152	Fas-mediated cytotoxicity by freshly isolated natural killer cells. <i>Journal of Experimental Medicine</i> , <b>1995</b> , 181, 1235-8	16.6	331
151	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> , <b>2010</b> , 107, 3505-10	11.5	317
150	Interferon gamma production by natural killer (NK) cells and NK1.1+ T cells upon NKR-P1 cross-linking. <i>Journal of Experimental Medicine</i> , <b>1996</b> , 183, 2391-6	16.6	297
149	Heme-mediated SPI-C induction promotes monocyte differentiation into iron-recycling macrophages. <i>Cell</i> , <b>2014</b> , 156, 1223-1234	56.2	258
148	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> , <b>1992</b> , 89, 6506-10	11.5	239
147	NK1.1+ CD4+ CD8- thymocytes with specific lymphokine secretion. <i>European Journal of Immunology</i> , <b>1993</b> , 23, 307-10	6.1	239
146	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> , <b>2003</b> , 197, 1245-53	16.6	230
145	PILRalpha is a herpes simplex virus-1 entry coreceptor that associates with glycoprotein B. <i>Cell</i> , <b>2008</b> , 132, 935-44	56.2	220
144	Resistance of Fc receptor- deficient mice to fatal glomerulonephritis. <i>Journal of Clinical Investigation</i> , <b>1998</b> , 102, 1229-38	15.9	207
143	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> , <b>2001</b> , 167, 1141-4	5.3	195
142	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> , <b>2004</b> , 101, 3527-32	11.5	170
141	Efficient leukocyte Ig-like receptor signaling and crystal structure of disulfide-linked HLA-G dimer. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 10439-47	5.4	164
140	Non-muscle myosin IIA is a functional entry receptor for herpes simplex virus-1. <i>Nature</i> , <b>2010</b> , 467, 859-63	30.4	158
139	Cutting edge: negative regulation of immune synapse formation by anchoring lipid raft to cytoskeleton through Cbp-EBP50-ERM assembly. <i>Journal of Immunology</i> , <b>2002</b> , 168, 541-4	5.3	148
138	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> , <b>2008</b> , 105, 8357-62	11.5	146

137	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> , <b>1997</b> , 186, 1957-63	16.6	134
136	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> , <b>1994</b> , 180, 423-32	16.6	133
135	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> , <b>2007</b> , 178, 647-51	5.3	118
134	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> , <b>2000</b> , 165, 5062-8	5.3	111
133	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> , <b>2010</b> , 107, 866-71	11.5	110
132	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> , <b>1990</b> , 87, 6301-5	11.5	109
131	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> , <b>2004</b> , 199, 525-33	16.6	106
130	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> , <b>2004</b> , 101, 8126-31	11.5	85
129	LILRB4 signalling in leukaemia cells mediates T cell suppression and tumour infiltration. <i>Nature</i> , <b>2018</b> , 562, 605-609	50.4	81
128	Immune evasion of Plasmodium falciparum by RIFIN via inhibitory receptors. <i>Nature</i> , <b>2017</b> , 552, 101-105	50.4	76
127	Immune complex and Fc receptor-mediated augmentation of antigen presentation for in vivo Th cell responses. <i>Journal of Immunology</i> , <b>2000</b> , 164, 6113-9	5.3	76
126	An infectivity-enhancing site on the SARS-CoV-2 spike protein targeted by antibodies. <i>Cell</i> , <b>2021</b> , 184, 3452-3466.e18	56.2	76
125	Endothelial CD99 signals through soluble adenylyl cyclase and PKA to regulate leukocyte transendothelial migration. <i>Journal of Experimental Medicine</i> , <b>2015</b> , 212, 1021-41	16.6	75
124	Down-regulation of basophil function by human CD200 and human herpesvirus-8 CD200. <i>Journal of Immunology</i> , <b>2005</b> , 175, 4441-9	5.3	75
123	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> , <b>2007</b> , 104, 10128-33	11.5	74
122	A Di-leucine signal in the ubiquitin moiety. Possible involvement in ubiquitination-mediated endocytosis. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 26213-9	5.4	68
121	Blocking immunoinhibitory receptor LILRB2 reprograms tumor-associated myeloid cells and promotes antitumor immunity. <i>Journal of Clinical Investigation</i> , <b>2018</b> , 128, 5647-5662	15.9	66
120	Entry of herpes simplex virus 1 and other alphaherpesviruses via the paired immunoglobulin-like type 2 receptor alpha. <i>Journal of Virology</i> , <b>2009</b> , 83, 4520-7	6.6	64

119	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> , <b>2002</b> , 195, 991-1001	16.6	64
118	Ly49H signaling through DAP10 is essential for optimal natural killer cell responses to mouse cytomegalovirus infection. <i>Journal of Experimental Medicine</i> , <b>2009</b> , 206, 807-17	16.6	63
117	Functional and genetic diversity of leukocyte immunoglobulin-like receptor and implication for disease associations. <i>Journal of Human Genetics</i> , <b>2015</b> , 60, 703-8	4.3	62
116	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> , <b>2009</b> , 83, 250-61	6.6	62
115	Engineering large viral DNA genomes using the CRISPR-Cas9 system. <i>Microbiology and Immunology</i> , <b>2014</b> , 58, 513-22	2.7	61
114	Crucial role of Jak3 in negative selection of self-reactive T cells. <i>Journal of Experimental Medicine</i> , <b>1997</b> , 185, 351-6	16.6	61
113	Bimodal regulation of T cell-mediated immune responses by TIM-4. <i>International Immunology</i> , <b>2008</b> , 20, 695-708	4.9	60
112	Heterotypic interaction of CRTAM with Necl2 induces cell adhesion on activated NK cells and CD8+ T cells. <i>International Immunology</i> , <b>2005</b> , 17, 1227-37	4.9	58
111	Regulation of immune responses by neutrophils. <i>Annals of the New York Academy of Sciences</i> , <b>2014</b> , 1319, 66-81	6.5	57
110	A motif in LILRB2 critical for Angptl2 binding and activation. <i>Blood</i> , <b>2014</b> , 124, 924-35	2.2	57
109	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> , <b>1995</b> , 182, 891-5	16.6	56
108	Specific recognition of virus-infected cells by paired NK receptors. <i>Reviews in Medical Virology</i> , <b>2004</b> , 14, 83-93	11.7	54
107	Neutrophil infiltration during inflammation is regulated by PILRB via modulation of integrin activation. <i>Nature Immunology</i> , <b>2013</b> , 14, 34-40	19.1	52
106	Th1 and Th2 subsets equally undergo Fas-dependent and -independent activation-induced cell death. <i>European Journal of Immunology</i> , <b>1997</b> , 27, 1858-64	6.1	48
105	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> , <b>2009</b> , 83, 13042-5	6.6	47
104	Significant association of KIR2DL3-HLA-C1 combination with cerebral malaria and implications for co-evolution of KIR and HLA. <i>PLoS Pathogens</i> , <b>2012</b> , 8, e1002565	7.6	47
103	Virus-driven evolution of natural killer cell receptors. <i>Microbes and Infection</i> , <b>2002</b> , 4, 1505-12	9.3	46
102	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> , <b>2014</b> , 111, 3787-92	11.5	44

101	Inhibitory roles of signal transducer and activator of transcription 3 in antitumor immunity during carcinogen-induced lung tumorigenesis. <i>Cancer Research</i> , <b>2012</b> , 72, 2990-9	10.1	43
100	β-Glycoprotein I/HLA class II complexes are novel autoantigens in antiphospholipid syndrome. <i>Blood</i> , <b>2015</b> , 125, 2835-44	2.2	42
99	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> , <b>1995</b> , 25, 2107-10	6.1	42
98	Fc epsilon RI gamma-ITAM is differentially required for mast cell function in vivo. <i>Journal of Immunology</i> , <b>2004</b> , 172, 2374-81	5.3	40
97	E2A and HEB activate the pre-TCR alpha promoter during immature T cell development. <i>Journal of Immunology</i> , <b>2001</b> , 167, 2157-63	5.3	40
96	The SARS-CoV-2 Lambda variant exhibits enhanced infectivity and immune resistance.. <i>Cell Reports</i> , <b>2021</b> , 110218	10.6	40
95	Transport of misfolded endoplasmic reticulum proteins to the cell surface by MHC class II molecules. <i>International Immunology</i> , <b>2013</b> , 25, 235-46	4.9	38
94	Involvement of FcRgamma in signal transduction of osteoclast-associated receptor (OSCAR). <i>International Immunology</i> , <b>2004</b> , 16, 1019-25	4.9	37
93	IgE-mediated activation of NK cells through Fc gamma RIII. <i>Journal of Immunology</i> , <b>2003</b> , 170, 3054-8	5.3	36
92	SARS-CoV-2 Lambda variant exhibits higher infectivity and immune resistance		35
91	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> , <b>2008</b> , 180, 1686-93	5.3	31
90	The N-terminal domain of spike glycoprotein mediates SARS-CoV-2 infection by associating with L-SIGN and DC-SIGN		30
89	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> , <b>2014</b> , 111, 8877-82	11.5	29
88	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> , <b>2010</b> , 84, 10773-83	6.6	28
87	Effects of phosphorylation of herpes simplex virus 1 envelope glycoprotein B by Us3 kinase in vivo and in vitro. <i>Journal of Virology</i> , <b>2010</b> , 84, 153-62	6.6	28
86	The quantity of TCR signal determines positive selection and lineage commitment of T cells. <i>Journal of Immunology</i> , <b>2000</b> , 165, 6252-61	5.3	28
85	Microbially cleaved immunoglobulins are sensed by the innate immune receptor LILRA2. <i>Nature Microbiology</i> , <b>2016</b> , 1, 16054	26.6	27
84	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> , <b>2018</b> , 115, 8418-8423	11.5	27

83	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> , <b>2013</b> , 8, e72050	3.7	27
82	Biophysical characterization of O-glycosylated CD99 recognition by paired Ig-like type 2 receptors. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 8893-901	5.4	25
81	Negative regulation of expression and function of Fc gamma RIII by CD3 zeta in murine NK cells. <i>Journal of Immunology</i> , <b>2001</b> , 166, 21-5	5.3	24
80	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> , <b>2009</b> , 83, 7384-90	6.6	23
79	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> , <b>2001</b> , 276, 25378-85	5.4	22
78	PANP is a novel O-glycosylated PILR ligand expressed in neural tissues. <i>Biochemical and Biophysical Research Communications</i> , <b>2011</b> , 405, 428-33	3.4	21
77	Sialic Acids on Varicella-Zoster Virus Glycoprotein B Are Required for Cell-Cell Fusion. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 19833-43	5.4	20
76	Overcoming chemoresistance of small-cell lung cancer through stepwise HER2-targeted antibody-dependent cell-mediated cytotoxicity and VEGF-targeted antiangiogenesis. <i>Scientific Reports</i> , <b>2013</b> , 3, 2669	4.9	20
75	The Fc Domain of Immunoglobulin Is Sufficient to Bridge NK Cells with Virally Infected Cells. <i>Immunity</i> , <b>2017</b> , 47, 159-170.e10	32.3	19
74	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> , <b>2012</b> , 188, 2524-36	5.3	19
73	Myeloperoxidase/HLA Class II Complexes Recognized by Autoantibodies in Microscopic Polyangiitis. <i>Arthritis and Rheumatology</i> , <b>2017</b> , 69, 2069-2080	9.5	18
72	Herpesvirus 6 glycoproteins B (gB), gH, gL, and gQ are necessary and sufficient for cell-to-cell fusion. <i>Journal of Virology</i> , <b>2013</b> , 87, 10900-3	6.6	18
71	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> , <b>1990</b> , 180, 167-83	3.4	18
70	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> , <b>1989</b> , 86, 5089-93	11.5	16
69	Structural basis for RIFIN-mediated activation of LILRB1 in malaria. <i>Nature</i> , <b>2020</b> , 587, 309-312	50.4	15
68	Rheumatoid Rescue of Misfolded Cellular Proteins by MHC Class II Molecules: A New Hypothesis for Autoimmune Diseases. <i>Advances in Immunology</i> , <b>2016</b> , 129, 1-23	5.6	15
67	Cellular misfolded proteins rescued from degradation by MHC class II molecules are possible targets for autoimmune diseases. <i>Journal of Biochemistry</i> , <b>2015</b> , 158, 367-72	3.1	14
66	HSV-1 infection through inhibitory receptor, PILRalpha. <i>Virus</i> , <b>2008</b> , 58, 27-36	0.1	14

65	Antigen-driven selection of antibodies against SSA, SSB and the centromere $\alpha$ complex including a novel antigen, MIS12 complex, in human salivary glands. <i>Annals of the Rheumatic Diseases</i> , <b>2020</b> , 79, 150-158	11.5	13
64	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> , <b>1999</b> , 96, 9264-8	11.5	13
63	Monocyte infiltration into obese and fibrilized tissues is regulated by PILR $\alpha$ . <i>European Journal of Immunology</i> , <b>2016</b> , 46, 1214-23	6.1	12
62	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> , <b>1993</b> , 151, 118-32	4.4	12
61	Cell components required for deletion of an autoreactive T cell repertoire. <i>European Journal of Immunology</i> , <b>1990</b> , 20, 1153-60	6.1	12
60	Cloning of B cell-specific membrane tetraspanning molecule BTS possessing B cell proliferation-inhibitory function. <i>European Journal of Immunology</i> , <b>2007</b> , 37, 3197-207	6.1	11
59	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> , <b>1992</b> , 4, 75-82	4.9	11
58	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> , <b>1989</b> , 179, 172-89	3.4	11
57	Antagonistic anti-LILRB1 monoclonal antibody regulates antitumor functions of natural killer cells <b>2020</b> , 8,		11
56	Negative regulation of DSS-induced experimental colitis by PILR $\alpha$ . <i>International Immunology</i> , <b>2015</b> , 27, 307-14	4.9	10
55	Novel autoantibody against the $\beta$ -glycoprotein I/human leucocyte antigen-DR complex in patients with refractory cutaneous ulcers. <i>British Journal of Dermatology</i> , <b>2018</b> , 178, 272-275	4	10
54	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> , <b>1994</b> , 156, 13-23	4.4	10
53	Functional studies on MEL-14+ and MEL-14- T cells in peripheral lymphoid tissues. <i>Immunobiology</i> , <b>1994</b> , 190, 225-42	3.4	10
52	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> , <b>1990</b> , 180, 149-66	3.4	10
51	The SARS-CoV-2 Delta variant is poised to acquire complete resistance to wild-type spike vaccines		9
50	Structural and thermodynamic analyses reveal critical features of glycopeptide recognition by the human PILR $\alpha$ immune cell receptor. <i>Journal of Biological Chemistry</i> , <b>2017</b> , 292, 21128-21136	5.4	6
49	The $\beta$ -Glycoprotein I/HLA-DR Complex As a Major Autoantibody Target in Obstetric Antiphospholipid Syndrome. <i>Arthritis and Rheumatology</i> , <b>2020</b> , 72, 1882-1891	9.5	6
48	Genotype and phenotype analysis of patients with pediatric cutaneous mastocytosis, especially wild-type KIT patients. <i>Journal of Dermatology</i> , <b>2020</b> , 47, 426-429	1.6	6

47	The effect of rhododendrol inhibition of NF- $\kappa$ B on melanocytes in the presence of tyrosinase. <i>Journal of Dermatological Science</i> , <b>2016</b> , 83, 157-9	4.3	6
46	CD1a-positive familial cutaneous mastocytosis without germ-line or somatic mutations in c-kit. <i>British Journal of Dermatology</i> , <b>2013</b> , 169, 201-4	4	6
45	Molecular mechanism of the recognition of bacterially cleaved immunoglobulin by the immune regulatory receptor LILRA2. <i>Journal of Biological Chemistry</i> , <b>2020</b> , 295, 9531-9541	5.4	5
44	Ly49Q ligand expressed by activated B cells induces plasmacytoid DC maturation. <i>European Journal of Immunology</i> , <b>2009</b> , 39, 1344-52	6.1	5
43	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> , <b>1997</b> , 5, 75-82	1.7	5
42	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> , <b>1993</b> , 37, 883-94	2.7	5
41	Identification of conserved SARS-CoV-2 spike epitopes that expand public cTfh clonotypes in mild COVID-19 patients. <i>Journal of Experimental Medicine</i> , <b>2021</b> , 218,	16.6	5
40	TRIM28 Expression on Dendritic Cells Prevents Excessive T Cell Priming by Silencing Endogenous Retrovirus. <i>Journal of Immunology</i> , <b>2021</b> , 206, 1528-1539	5.3	5
39	Preferential requirement of CD3 zeta-mediated signals for development of immature rather than mature thymocytes. <i>International Immunology</i> , <b>1996</b> , 8, 1055-66	4.9	4
38	Blockade of checkpoint ILT3/LILRB4/gp49B binding to fibronectin ameliorates autoimmune disease in BXS <sup>B</sup> /Yaa mice. <i>International Immunology</i> , <b>2021</b> , 33, 447-458	4.9	4
37	Fc $\gamma$ RIIIA-mediated activation of NK cells by IgG heavy chain complexed with MHC class II molecules. <i>International Immunology</i> , <b>2019</b> , 31, 303-314	4.9	3
36	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> , <b>2016</b> , 39, 1897-1902 <sup>3</sup>	2.3	3
35	The study of regulatory T cells and NKT cells in Japan: a historical perspective. <i>International Immunology</i> , <b>2009</b> , 21, 1101-3	4.9	3
34	Production of minor lymphocyte stimulatory-1a antigens from T cell subsets. <i>Immunobiology</i> , <b>1995</b> , 193, 378-90	3.4	3
33	Comparative analyses of thymocyte and thymic low-density adherent cell functions. <i>Microbiology and Immunology</i> , <b>1994</b> , 38, 879-90	2.7	3
32	Preclinical study of DNA vaccines targeting SARS-CoV-2		3
31	An infectivity-enhancing site on the SARS-CoV-2 spike protein is targeted by COVID-19 patient antibodies		3
30	Plasmodium falciparum RIFIN is a novel ligand for inhibitory immune receptor LILRB2. <i>Biochemical and Biophysical Research Communications</i> , <b>2021</b> , 548, 167-173	3.4	3



29	Invariant chain p41 mediates production of soluble MHC class II molecules. <i>Biochemical and Biophysical Research Communications</i> , <b>2019</b> , 509, 216-221	3-4	3
28	Transport of cellular misfolded proteins to the cell surface by HLA-B27 free heavy chain. <i>Biochemical and Biophysical Research Communications</i> , <b>2019</b> , 511, 862-868	3-4	2
27	Autoantibodies detected in patients with vitiligo vulgaris but not in those with rhododendrol-induced leukoderma. <i>Journal of Dermatological Science</i> , <b>2019</b> , 95, 80-83	4-3	2
26	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> , <b>2016</b> , 11, e0150496	3-7	2
25	SARS-CoV-2-induced humoral immunity through B cell epitope analysis and neutralizing activity in COVID-19 infected individuals in Japan		2
24	LILRB3 supports acute myeloid leukemia development and regulates T-cell antitumor immune responses through the TRAF2-cFLIP-NF- $\kappa$ B signaling axis.. <i>Nature Cancer</i> , <b>2021</b> , 2, 1170-1184	15-4	2
23	Viral Interactions with Glycans <b>2015</b> , 785-794		2
22	Anti-Double-Stranded DNA Antibodies Recognize DNA Presented on HLA Class II Molecules of Systemic Lupus Erythematosus Risk Alleles. <i>Arthritis and Rheumatology</i> , <b>2021</b> ,	9-5	2
21	A TCR-like antibody against a proinsulin-containing fusion peptide ameliorates type 1 diabetes in NOD mice. <i>Biochemical and Biophysical Research Communications</i> , <b>2021</b> , 534, 680-686	3-4	2
20	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> , <b>2008</b> , 64, 44-6		1
19	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> , <b>2022</b> , 20, 65-68	1-4	1
18	Broad human and animal coronavirus neutralisation by SARS-CoV-2 S2-targeted vaccination		1
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15	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> , <b>2022</b> , 115, 371	2-3	0
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