

Jack L Strominger

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305 papers	29,404 citations	81 h-index	166 g-index
312 ext. papers	31,339 ext. citations	11.8 avg, IF	6.63 L-index

#	Paper	IF	Citations
305	Three-dimensional structure of the human class II histocompatibility antigen HLA-DR1. <i>Nature</i> , 1993 , 364, 33-9	50.4	2115
304	Crystal structure of the human class II MHC protein HLA-DR1 complexed with an influenza virus peptide. <i>Nature</i> , 1994 , 368, 215-21	50.4	1431
303	Molecular mimicry in T cell-mediated autoimmunity: viral peptides activate human T cell clones specific for myelin basic protein. <i>Cell</i> , 1995 , 80, 695-705	56.2	1244
302	Identification of a putative second T-cell receptor. <i>Nature</i> , 1986 , 322, 145-9	50.4	860
301	Recognition of haemagglutinins on virus-infected cells by NKp46 activates lysis by human NK cells. <i>Nature</i> , 2001 , 409, 1055-60	50.4	751
300	Interaction between CD4 and class II MHC molecules mediates cell adhesion. <i>Nature</i> , 1987 , 330, 256-9	50.4	750
299	The selective downregulation of class I major histocompatibility complex proteins by HIV-1 protects HIV-infected cells from NK cells. <i>Immunity</i> , 1999 , 10, 661-71	32.3	711
298	Predominant naturally processed peptides bound to HLA-DR1 are derived from MHC-related molecules and are heterogeneous in size. <i>Nature</i> , 1992 , 358, 764-8	50.4	699
297	Human decidual natural killer cells are a unique NK cell subset with immunomodulatory potential. <i>Journal of Experimental Medicine</i> , 2003 , 198, 1201-12	16.6	673
296	The three-dimensional structure of HLA-B27 at 2.1 Å resolution suggests a general mechanism for tight peptide binding to MHC. <i>Cell</i> , 1992 , 70, 1035-48	56.2	630
295	Extreme Th1 bias of invariant Valpha24JalphaQ T cells in type 1 diabetes. <i>Nature</i> , 1998 , 391, 177-81	50.4	613
294	Three-dimensional structure of a human class II histocompatibility molecule complexed with superantigen. <i>Nature</i> , 1994 , 368, 711-8	50.4	532
293	Toll-like receptor 2 (TLR2) and TLR4 differentially activate human dendritic cells. <i>Journal of Biological Chemistry</i> , 2001 , 276, 37692-9	5.4	497
292	Major histocompatibility antigens: the human (HLA-A, -B, -C) and murine (H-2K, H-2D) class I molecules. <i>Cell</i> , 1981 , 24, 287-99	56.2	483
291	A self-assembled monolayer for the binding and study of histidine-tagged proteins by surface plasmon resonance. <i>Analytical Chemistry</i> , 1996 , 68, 490-7	7.8	446
290	Different length peptides bind to HLA-Aw68 similarly at their ends but bulge out in the middle. <i>Nature</i> , 1992 , 360, 364-6	50.4	381
289	[118] Enzymes that degrade bacterial cell walls. <i>Methods in Enzymology</i> , 1966 , 8, 685-699	1.7	344

288	The small subunit of HL-A antigens is beta 2-microglobulin. <i>Journal of Experimental Medicine</i> , 1973 , 138, 1608-12	16.6	342
287	MHC class II proteins and disease: a structural perspective. <i>Nature Reviews Immunology</i> , 2006 , 6, 271-82	36.5	292
286	A humanized model for multiple sclerosis using HLA-DR2 and a human T-cell receptor. <i>Nature Genetics</i> , 1999 , 23, 343-7	36.3	284
285	TGFbeta promotes conversion of CD16+ peripheral blood NK cells into CD16- NK cells with similarities to decidual NK cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 3378-83	11.5	266
284	The class I MHC homologue of human cytomegalovirus inhibits attack by natural killer cells. <i>Nature</i> , 1997 , 386, 514-7	50.4	262
283	Isotypic and allotypic variation of human class II histocompatibility antigen alpha-chain genes. <i>Nature</i> , 1984 , 308, 327-33	50.4	262
282	Assembly and maturation of HLA-A and HLA-B antigens in vivo. <i>Cell</i> , 1979 , 18, 979-91	56.2	262
281	Nomenclature for factors of the HLA system, 1996. <i>Tissue Antigens</i> , 1997 , 49, 297-321		251
280	Human decidual NK cells form immature activating synapses and are not cytotoxic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 15563-8	11.5	251
279	Human class II major histocompatibility complex genes and proteins. <i>Annual Review of Biochemistry</i> , 1988 , 57, 991-1028	29.1	247
278	Atomic structure of a human MHC molecule presenting an influenza virus peptide. <i>Nature</i> , 1992 , 360, 367-9	50.4	243
277	HLA-DR antigens: structure, separation of subpopulations, gene cloning and function. <i>Immunological Reviews</i> , 1982 , 66, 133-87	11.3	243
276	p62, a phosphotyrosine-independent ligand of the SH2 domain of p56lck, belongs to a new class of ubiquitin-binding proteins. <i>Journal of Biological Chemistry</i> , 1996 , 271, 20235-7	5.4	239
275	Wiskott-Aldrich syndrome protein is required for NK cell cytotoxicity and colocalizes with actin to NK cell-activating immunologic synapses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 11351-6	11.5	235
274	Biochemical characterization of a soluble form of the 53-kDa monocyte surface antigen. <i>European Journal of Immunology</i> , 1986 , 16, 1583-9	6.1	214
273	Two unique human decidual macrophage populations. <i>Journal of Immunology</i> , 2011 , 186, 2633-42	5.3	203
272	The mature activating natural killer cell immunologic synapse is formed in distinct stages. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 14151-6	11.5	202
271	CD1d-restricted NKT cells express a chemokine receptor profile indicative of Th1-type inflammatory homing cells. <i>Journal of Immunology</i> , 2003 , 171, 2571-80	5.3	190

270	Isolation of complementary DNA clones encoding the human lymphocyte glycoprotein T1/Leu-1. <i>Nature</i> , 1986 , 323, 346-9	50.4	190
269	Disulfide bond-mediated dimerization of HLA-G on the cell surface. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 16180-5	11.5	185
268	IL-10 released by concomitant TLR2 stimulation blocks the induction of a subset of Th1 cytokines that are specifically induced by TLR4 or TLR3 in human dendritic cells. <i>Journal of Immunology</i> , 2004 , 173, 7548-55	5.3	184
267	ENZYMATIC OXIDATION OF URIDINE DIPHOSPHATE GLUCOSE TO URIDINE DIPHOSPHATE GLUCURONIC ACID. <i>Journal of the American Chemical Society</i> , 1954 , 76, 6411-6412	16.4	178
266	Viral evasion of natural killer cells. <i>Nature Immunology</i> , 2002 , 3, 1006-12	19.1	169
265	CD151 accelerates breast cancer by regulating alpha 6 integrin function, signaling, and molecular organization. <i>Cancer Research</i> , 2008 , 68, 3204-13	10.1	151
264	CD1d and invariant NKT cells at the human maternal-fetal interface. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 13741-6	11.5	147
263	The gamma delta T cell receptor and class Ib MHC-related proteins: enigmatic molecules of immune recognition. <i>Cell</i> , 1989 , 57, 895-8	56.2	147
262	NK cytotoxicity against CD4+ T cells during HIV-1 infection: a gp41 peptide induces the expression of an NKp44 ligand. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 10981-6	11.5	145
261	COMPETITIVE INHIBITION OF ENZYMATIC REACTIONS BY OXAMYCIN. <i>Journal of the American Chemical Society</i> , 1960 , 82, 998-999	16.4	145
260	VLA-1: a T cell surface antigen which defines a novel late stage of human T cell activation. <i>European Journal of Immunology</i> , 1985 , 15, 502-8	6.1	141
259	Direct evidence of homology between human DC-1 antigen and murine I-A molecules. <i>Nature</i> , 1982 , 299, 836-40	50.4	140
258	HLA-G homodimer-induced cytokine secretion through HLA-G receptors on human decidual macrophages and natural killer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 5767-72	11.5	137
257	HLA-G: At the Interface of Maternal-Fetal Tolerance. <i>Trends in Immunology</i> , 2017 , 38, 272-286	14.4	136
256	Crystal structure of HLA-DQ0602 that protects against type 1 diabetes and confers strong susceptibility to narcolepsy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 1999-2004	11.5	123
255	Purification and structural characterisation of human HLA-linked B-cell antigens. <i>Nature</i> , 1977 , 268, 213-8	50.4	122
254	Biosynthesis of the peptidoglycan of bacterial cell walls. I. Utilization of uridine diphosphate acetylmuramyl pentapeptide and uridine diphosphate acetylglucosamine for peptidoglycan synthesis by particulate enzymes from <i>Staphylococcus aureus</i> and <i>Micrococcus lysodeikticus</i> . <i>Archives of Biochemistry and Biophysics</i> , 1966 , 116, 487-515	4.1	120
253	The heavy chain of human histocompatibility antigen HLA-B7 contains an immunoglobulin-like region. <i>Nature</i> , 1979 , 282, 266-70	50.4	118

252	Human HLA-G+ extravillous trophoblasts: Immune-activating cells that interact with decidual leukocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 7219-24	11.5	117
251	Many NK cell receptors activate ERK2 and JNK1 to trigger microtubule organizing center and granule polarization and cytotoxicity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 6329-34	11.5	117
250	Generation of hypoimmunogenic human pluripotent stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 10441-10446	11.5	110
249	Novel species of tRNA. <i>Nature</i> , 1971 , 230, 36-8	50.4	105
248	Myosin IIA is required for cytolytic granule exocytosis in human NK cells. <i>Journal of Experimental Medicine</i> , 2007 , 204, 2285-91	16.6	102
247	Kinetics of interaction of HLA-C ligands with natural killer cell inhibitory receptors. <i>Immunity</i> , 1998 , 9, 337-44	32.3	100
246	Separate functional domains of human MD-2 mediate Toll-like receptor 4-binding and lipopolysaccharide responsiveness. <i>Journal of Immunology</i> , 2003 , 171, 5272-6	5.3	98
245	Mechanism of action and development of resistance to a new amidino penicillin. <i>Journal of Bacteriology</i> , 1974 , 117, 578-87	3.5	98
244	Identification of the nonamer peptide from influenza A matrix protein and the role of pockets of HLA-A2 in its recognition by cytotoxic T lymphocytes. <i>European Journal of Immunology</i> , 1992 , 22, 903-7	6.1	97
243	Biosynthesis of the Peptidoglycan of Bacterial Cell Walls. <i>Journal of Biological Chemistry</i> , 1967 , 242, 3191-3206	5.4	95
242	CD28-stimulated ERK2 phosphorylation is required for polarization of the microtubule organizing center and granules in YTS NK cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 10346-10351	11.5	93
241	The HLA-G cycle provides for both NK tolerance and immunity at the maternal-fetal interface. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 13312-7	11.5	91
240	The binding site of NK receptors on HLA-C molecules. <i>Immunity</i> , 1997 , 6, 341-50	32.3	90
239	Monomeric recombinant MD-2 binds toll-like receptor 4 tightly and confers lipopolysaccharide responsiveness. <i>Journal of Biological Chemistry</i> , 2002 , 277, 23427-32	5.4	87
238	HLA-DR light chain has a polymorphic N-terminal region and a conserved immunoglobulin-like C-terminal region. <i>Nature</i> , 1982 , 297, 694-7	50.4	87
237	Bacterial cell wall synthesis and structure in relation to the mechanism of action of penicillins and other antibacterial agents. <i>American Journal of Medicine</i> , 1965 , 39, 708-21	2.4	87
236	T cell apoptosis at the maternal-fetal interface in early human pregnancy, involvement of galectin-1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 18472-7	11.5	86
235	JNK MAP kinase activation is required for MTOC and granule polarization in NKG2D-mediated NK cell cytotoxicity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 3017-22	11.5	85

234	Human T-cell gamma genes contain N segments and have marked junctional variability. <i>Nature</i> , 1986 , 322, 184-7	50.4	84
233	Enzymatic polymerization of UDP-acetylmuramyl-L-ala-D-glu-L-lys-D-ala-D-ala and UDP-acetylglucosamine by a particulate enzyme from <i>Staphylococcus aureus</i> and its inhibition by antibiotics. <i>Biochemical and Biophysical Research Communications</i> , 1964 , 14, 382-7	3.4	84
232	CD1d-restricted T cells regulate dendritic cell function and antitumor immunity in a granulocyte-macrophage colony-stimulating factor-dependent fashion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 8874-9	11.5	83
231	Differential induction of IgE-mediated anaphylaxis after soluble vs. cell-bound tolerogenic peptide therapy of autoimmune encephalomyelitis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 9595-600	11.5	83
230	Expression of recombinant HLA-DR2 molecules. Replacement of the hydrophobic transmembrane region by a leucine zipper dimerization motif allows the assembly and secretion of soluble DR alpha beta heterodimers. <i>Journal of Biological Chemistry</i> , 1996 , 271, 20156-62	5.4	83
229	Structure and expression of HLA-DQ alpha and -DX alpha genes: interallelic alternate splicing of the HLA-DQ alpha gene and functional splicing of the HLA-DQ alpha gene using a retroviral vector. <i>Immunogenetics</i> , 1987 , 26, 63-73	3.2	83
228	Mononucleotide acid anhydrides and related compounds as intermediates in metabolic reactions. <i>Physiological Reviews</i> , 1960 , 40, 55-111	47.9	83
227	Formation of a WIP-, WASp-, actin-, and myosin IIA-containing multiprotein complex in activated NK cells and its alteration by KIR inhibitory signaling. <i>Journal of Cell Biology</i> , 2006 , 173, 121-32	7.3	82
226	Granulocyte-macrophage colony-stimulating factor induces an expression program in neonatal microglia that primes them for antigen presentation. <i>Journal of Immunology</i> , 2002 , 169, 2264-73	5.3	82
225	Self-peptides bound to the type I diabetes associated class II MHC molecules HLA-DQ1 and HLA-DQ8. <i>International Immunology</i> , 1994 , 6, 1639-49	4.9	81
224	Organization of the transcriptional unit of a human class II histocompatibility antigen: HLA-DR heavy chain. <i>Nucleic Acids Research</i> , 1983 , 11, 8663-75	20.1	81
223	TGF- β affects development and differentiation of human natural killer cell subsets. <i>European Journal of Immunology</i> , 2010 , 40, 2289-95	6.1	80
222	Use of HLA loss mutants to analyse the structure of the human major histocompatibility complex. <i>Nature</i> , 1982 , 296, 454-6	50.4	80
221	Self-specific memory regulatory T cells protect embryos at implantation in mice. <i>Journal of Immunology</i> , 2013 , 191, 2273-81	5.3	79
220	CD8+ effector T cells at the fetal-maternal interface, balancing fetal tolerance and antiviral immunity. <i>American Journal of Reproductive Immunology</i> , 2013 , 69, 395-407	3.8	79
219	The translin ring specifically recognizes DNA ends at recombination hot spots in the human genome. <i>Journal of Biological Chemistry</i> , 1997 , 272, 11402-7	5.4	79
218	Additional antibiotic inhibitors of peptidoglycan synthesis. <i>Antimicrobial Agents and Chemotherapy</i> , 1973 , 4, 231-6	5.9	79
217	On the structure of the cell wall of <i>staphylococcus aureus</i> (Copenhagen). <i>Biochemical and Biophysical Research Communications</i> , 1961 , 5, 466-471	3.4	75

216	Virus-immune cytotoxic T cells recognize structural differences between serologically indistinguishable HLA-A2 molecules. <i>Human Immunology</i> , 1980 , 1, 225-32	2.3	74
215	A minimum of four human class II alpha-chain genes are encoded in the HLA region of chromosome 6. <i>Nature</i> , 1983 , 304, 174-7	50.4	74
214	Enzymatic Synthesis of the Peptide in Bacterial Uridine Nucleotides. <i>Journal of Biological Chemistry</i> , 1962 , 237, 2689-2695	5.4	73
213	Linkage disequilibrium between TAP2 variants and HLA class II alleles; no primary association between TAP2 variants and insulin-dependent diabetes mellitus. <i>European Journal of Immunology</i> , 1993 , 23, 1050-6	6.1	72
212	Identification of the major penicillin-binding proteins of Escherichia coli as D-alanine carboxypeptidase IA. <i>Journal of Bacteriology</i> , 1976 , 127, 660-3	3.5	72
211	Mixed signature of activation and dysfunction allows human decidual CD8 T cells to provide both tolerance and immunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 385-390	11.5	71
210	Human NK cells: their ligands, receptors and functions. <i>Immunological Reviews</i> , 1997 , 155, 119-25	11.3	71
209	Minute quantities of a single immunodominant foreign epitope are presented as large nested sets by major histocompatibility complex class II molecules. <i>European Journal of Immunology</i> , 1993 , 23, 1602-7	6.1	70
208	Three Types of Functional Regulatory T Cells Control T Cell Responses at the Human Maternal-Fetal Interface. <i>Cell Reports</i> , 2019 , 27, 2537-2547.e5	10.6	68
207	Deficient natural killer cell cytotoxicity in patients with IKK-gamma/NEMO mutations. <i>Journal of Clinical Investigation</i> , 2002 , 109, 1501-9	15.9	68
206	An essential function for beta-arrestin 2 in the inhibitory signaling of natural killer cells. <i>Nature Immunology</i> , 2008 , 9, 898-907	19.1	67
205	The killerB kiss: the many functions of NK cell immunological synapses. <i>Current Opinion in Cell Biology</i> , 2008 , 20, 597-605	9	65
204	Nomenclature for factors of the HLA system, 1995. <i>Human Immunology</i> , 1995 , 43, 149-64	2.3	65
203	Enzymatic Synthesis of the Peptide in Bacterial Uridine Nucleotides. <i>Journal of Biological Chemistry</i> , 1962 , 237, 2696-2703	5.4	65
202	Involvement of caspase-cleaved and intact adaptor protein 1 complex in endosomal remodeling in maturing dendritic cells. <i>Nature Immunology</i> , 2005 , 6, 1020-8	19.1	63
201	Heterogeneity of TLR-induced responses in dendritic cells: from innate to adaptive immunity. <i>Immunobiology</i> , 2004 , 209, 191-8	3.4	62
200	Promoting tolerance to proteolipid protein-induced experimental autoimmune encephalomyelitis through targeting dendritic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 17280-5	11.5	60
199	Crystallization and X-ray diffraction studies on the histocompatibility antigens HLA-A2 and HLA-A28 from human cell membranes. <i>Journal of Molecular Biology</i> , 1985 , 186, 205-10	6.5	59

198	The HCMV membrane glycoprotein US10 selectively targets HLA-G for degradation. <i>Journal of Experimental Medicine</i> , 2010 , 207, 2033-41	16.6	58
197	Sphere-rod morphogenesis in <i>Arthrobacter crystallopoietes</i> . I. Cell wall composition and polysaccharides of the peptidoglycan. <i>Journal of Bacteriology</i> , 1967 , 94, 734-40	3.5	58
196	Monitoring peripheral nerve degeneration in ALS by label-free stimulated Raman scattering imaging. <i>Nature Communications</i> , 2016 , 7, 13283	17.4	56
195	CD1d on myeloid dendritic cells stimulates cytokine secretion from and cytolytic activity of V alpha 24J alpha Q T cells: a feedback mechanism for immune regulation. <i>Journal of Immunology</i> , 2000 , 165, 3756-62	5.3	56
194	Nucleotide sequence of the pbpA gene and characteristics of the deduced amino acid sequence of penicillin-binding protein 2 of <i>Escherichia coli</i> K12. <i>FEBS Journal</i> , 1986 , 160, 231-8		55
193	Some properties of uridine diphosphoglucose dehydrogenase. <i>Archives of Biochemistry and Biophysics</i> , 1956 , 65, 2-10	4.1	55
192	A distant trophoblast-specific enhancer controls HLA-G expression at the maternal-fetal interface. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 5364-9	11.5	55
191	Impaired spontaneous endocytosis of HLA-G. <i>European Journal of Immunology</i> , 1997 , 27, 2714-9	6.1	54
190	Decidual NK Cells Transfer Granulysin to Selectively Kill Bacteria in Trophoblasts. <i>Cell</i> , 2020 , 182, 1125-1139.e18	18.9	54
189	MLL 5 protein forms intranuclear foci, and overexpression inhibits cell cycle progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 757-62	11.5	52
188	A new mechanism for dephosphorylation of nucleoside di- and triphosphates. I. Transphosphorylation between nucleoside monophosphates and nucleoside triphosphates. <i>Archives of Biochemistry and Biophysics</i> , 1954 , 52, 488-91	4.1	52
187	Isolation and Identification of Acetylgalactosamine Monosulfates. <i>Journal of Biological Chemistry</i> , 1960 , 235, 2768-2773	5.4	51
186	WIP is essential for lytic granule polarization and NK cell cytotoxicity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 2568-73	11.5	50
185	The BAT1 gene in the MHC encodes an evolutionarily conserved putative nuclear RNA helicase of the DEAD family. <i>Genomics</i> , 1995 , 26, 210-8	4.3	50
184	C4B gene polymorphism detected in a human cosmid clone. <i>Immunogenetics</i> , 1986 , 23, 274-6	3.2	50
183	Isolation of 4-O-beta-N-acetylmuramyl-N-acetylglucosamine and 4-O-beta-N, 6-O-diacetylmuramyl-N-acetylglucosamine and the structure of the cell wall polysaccharide of <i>Staphylococcus aureus</i> . <i>Biochemical and Biophysical Research Communications</i> , 1966 , 22, 48-56	3.4	50
182	Isolation of the lipid intermediate in peptidoglycan biosynthesis from <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 1972 , 112, 1306-9	3.5	50
181	Analysis of the sheep MHC using HLA class I, II, and C4 cDNA probes. <i>Immunogenetics</i> , 1985 , 22, 349-58	3.2	49

180	Penicillin-sensitive enzymes and penicillin-binding components in bacterial cells. <i>Annals of the New York Academy of Sciences</i> , 1974 , 235, 210-24	6.5	49
179	Enzymatic Synthesis and Immunochemistry of N-Acetylglucosaminyribitol Linkages in the Teichoic Acids of <i>Staphylococcus aureus</i> Strains. <i>Journal of Biological Chemistry</i> , 1962 , 237, PC3839-PC3841	5.4	49
178	Molecular genetics of the human major histocompatibility complex. <i>Advances in Human Genetics</i> , 1986 , 15, 197-247		48
177	Contrasting effects of EWI proteins, integrins, and protein palmitoylation on cell surface CD9 organization. <i>Journal of Biological Chemistry</i> , 2006 , 281, 12976-85	5.4	47
176	A pH-sensitive histidine residue as control element for ligand release from HLA-DR molecules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 16946-50	11.5	47
175	Transformation of human lymphocytes by Epstein-Barr virus is inhibited by phosphonoacetic acid. <i>Nature</i> , 1976 , 263, 332-4	50.4	47
174	Expression of KIR2DS1 by decidual natural killer cells increases their ability to control placental HCMV infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 15072-15077	11.5	47
173	Immunochemically purified DR antigens in liposomes stimulate xenogeneic cytolytic T cells in secondary in vitro cultures. <i>Cellular Immunology</i> , 1986 , 103, 160-73	4.4	45
172	Description of monoclonal antibody defining an HLA allotypic determinant that includes specificities within the B5 cross-reacting group. <i>Human Immunology</i> , 1982 , 4, 273-85	2.3	45
171	Amino acid copolymer-specific IL-10-secreting regulatory T cells that ameliorate autoimmune diseases in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 5172-6	11.5	44
170	Monoclonal antibodies specific for the empty conformation of HLA-DR1 reveal aspects of the conformational change associated with peptide binding. <i>Journal of Biological Chemistry</i> , 2004 , 279, 16561-70	5.4	44
169	IL-3 induces B7.2 (CD86) expression and costimulatory activity in human eosinophils. <i>Journal of Immunology</i> , 2001 , 167, 6097-104	5.3	44
168	Abelson virus-transformed lymphocytes: null cells that modulate H-2. <i>Cell</i> , 1977 , 12, 683-90	56.2	44
167	The Dual Role of HLA-C in Tolerance and Immunity at the Maternal-Fetal Interface. <i>Frontiers in Immunology</i> , 2019 , 10, 2730	8.4	44
166	Cytotoxic potential of decidual NK cells and CD8+ T cells awakened by infections. <i>Journal of Reproductive Immunology</i> , 2017 , 119, 85-90	4.2	43
165	Nomenclature for factors of the HLA system, 2002. <i>International Journal of Immunogenetics</i> , 2002 , 29, 463-515		43
164	CD1d and CD1d-restricted iNKT-cells play a pivotal role in contact hypersensitivity. <i>Experimental Dermatology</i> , 2005 , 14, 250-8	4	41
163	Gestation stage-dependent mechanisms of invariant natural killer T cell-mediated pregnancy loss. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 4580-5	11.5	40

162	Amelioration of proteolipid protein 139-151-induced encephalomyelitis in SJL mice by modified amino acid copolymers and their mechanisms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 11743-8	11.5	39
161	Ligand exchange of major histocompatibility complex class II proteins is triggered by H-bond donor groups of small molecules. <i>Journal of Biological Chemistry</i> , 2002 , 277, 2709-15	5.4	39
160	Uniquely conformed peptide-containing beta 2-microglobulin-free heavy chains of HLA-B2705 on the cell surface. <i>Journal of Immunology</i> , 2002 , 169, 4379-87	5.3	39
159	Molecular analyses of the interactions between human NK receptors and their HLA ligands. <i>Human Immunology</i> , 2000 , 61, 28-38	2.3	39
158	Modified amino acid copolymers suppress myelin basic protein 85-99-induced encephalomyelitis in humanized mice through different effects on T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 11749-54	11.5	38
157	Induction and suppression of an autoimmune disease by oligomerized T cell epitopes: enhanced in vivo potency of encephalitogenic peptides. <i>Journal of Experimental Medicine</i> , 2000 , 191, 717-30	16.6	38
156	Genetic and biochemical characterization of a human surface determinant on somatic cell hybrids: the 4F2 antigen. <i>Somatic Cell Genetics</i> , 1982 , 8, 825-34		38
155	Caspases and nitric oxide broadly regulate dendritic cell maturation and surface expression of class II MHC proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 17783-8	11.5	37
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