

# Jack L Strominger

## List of Publications by Year in descending order

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310  
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33,815  
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3919

88  
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3997

176  
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312  
all docs

312  
docs citations

312  
times ranked

21536  
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-dimensional structure of the human class II histocompatibility antigen HLA-DR1. <i>Nature</i> , 1993, 364, 33-39.	13.7	2,312
2	Crystal structure of the human class II MHC protein HLA-DR1 complexed with an influenza virus peptide. <i>Nature</i> , 1994, 368, 215-221.	13.7	1,567
3	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.	13.5	1,429
4	Identification of a putative second T-cell receptor. <i>Nature</i> , 1986, 322, 145-149.	13.7	950
5	Recognition of haemagglutinins on virus-infected cells by NKp46 activates lysis by human NK cells. <i>Nature</i> , 2001, 409, 1055-1060.	13.7	844
6	Interaction between CD4 and class II MHC molecules mediates cell adhesion. <i>Nature</i> , 1987, 330, 256-259.	13.7	809
7	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, 661-671.	6.6	791
8	Human Decidual Natural Killer Cells Are a Unique NK Cell Subset with Immunomodulatory Potential. <i>Journal of Experimental Medicine</i> , 2003, 198, 1201-1212.	4.2	781
9	Predominant naturally processed peptides bound to HLA-DR1 are derived from MHC-related molecules and are heterogeneous in size. <i>Nature</i> , 1992, 358, 764-768.	13.7	765
10	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, 1035-1048.	13.5	668
11	Extreme Th1 bias of invariant V $\alpha$ 24J $\alpha$ Q T cells in type 1 diabetes. <i>Nature</i> , 1998, 391, 177-181.	13.7	639
12	Three-dimensional structure of a human class II histocompatibility molecule complexed with superantigen. <i>Nature</i> , 1994, 368, 711-718.	13.7	594
13	Toll-like Receptor 2 (TLR2) and TLR4 Differentially Activate Human Dendritic Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 37692-37699.	1.6	584
14	Major histocompatibility antigens: The human (HLA-A,-B,-C) and murine (H-2K, H-2D) class I molecules. <i>Cell</i> , 1981, 24, 287-299.	13.5	517
15	A Self-Assembled Monolayer for the Binding and Study of Histidine-Tagged Proteins by Surface Plasmon Resonance. <i>Analytical Chemistry</i> , 1996, 68, 490-497.	3.2	489
16	[118] Enzymes that degrade bacterial cell walls. <i>Methods in Enzymology</i> , 1966, 8, 685-699.	0.4	431
17	Different length peptides bind to HLA-Aw68 similarly at their ends but bulge out in the middle. <i>Nature</i> , 1992, 360, 364-366.	13.7	419
18	THE SMALL SUBUNIT OF HL-A ANTIGENS IS $\beta$ 2-MICROGLOBULIN. <i>Journal of Experimental Medicine</i> , 1973, 138, 1608-1612.	4.2	371

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19	MHC class II proteins and disease: a structural perspective. <i>Nature Reviews Immunology</i> , 2006, 6, 271-282.	10.6	354
20	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, 3378-3383.	3.3	321
21	A humanized model for multiple sclerosis using HLA-DR2 and a human T-cell receptor. <i>Nature Genetics</i> , 1999, 23, 343-347.	9.4	308
22	The class I MHC homologue of human cytomegalovirus inhibits attack by natural killer cells. <i>Nature</i> , 1997, 386, 514-517.	13.7	302
23	Assembly and maturation of HLA-A and HLA-B antigens in vivo. <i>Cell</i> , 1979, 18, 979-991.	13.5	286
24	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, 15563-15568.	3.3	284
25	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, 11351-11356.	3.3	271
26	Isotypic and allotypic variation of human class II histocompatibility antigen $\hat{\alpha}$ -chain genes. <i>Nature</i> , 1984, 308, 327-333.	13.7	270
27	p62, a Phosphotyrosine-independent Ligand of the SH2 Domain of p56, Belongs to a New Class of Ubiquitin-binding Proteins. <i>Journal of Biological Chemistry</i> , 1996, 271, 20235-20237.	1.6	266
28	Human Class II Major Histocompatibility Complex Genes and Proteins. <i>Annual Review of Biochemistry</i> , 1988, 57, 991-1028.	5.0	263
29	Nomenclature for factors of the HLA system, 1996. <i>Tissue Antigens</i> , 1997, 49, 297-321.	1.0	262
30	Two Unique Human Decidual Macrophage Populations. <i>Journal of Immunology</i> , 2011, 186, 2633-2642.	0.4	262
31	Atomic structure of a human MHC molecule presenting an influenza virus peptide. <i>Nature</i> , 1992, 360, 367-369.	13.7	261
32	HLA-DR Antigens: Structure, Separation of Subpopulations, Gene Cloning and Function. <i>Immunological Reviews</i> , 1982, 66, 133-187.	2.8	259
33	Biochemical characterization of a soluble form of the 53-kDa monocyte surface antigen. <i>European Journal of Immunology</i> , 1986, 16, 1583-1589.	1.6	251
34	Generation of hypoinmunogenic human pluripotent stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 10441-10446.	3.3	222
35	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, 14151-14156.	3.3	221
36	HLA-G: At the Interface of Maternal-Fetal Tolerance. <i>Trends in Immunology</i> , 2017, 38, 272-286.	2.9	212

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37	Isolation of complementary DNA clones encoding the human lymphocyte glycoprotein T1/Leu-1. <i>Nature</i> , 1986, 323, 346-349.	13.7	208
38	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, 16180-16185.	3.3	208
39	CD1d-Restricted NKT Cells Express a Chemokine Receptor Profile Indicative of Th1-Type Inflammatory Homing Cells. <i>Journal of Immunology</i> , 2003, 171, 2571-2580.	0.4	201
40	ENZYMATIC OXIDATION OF URIDINE DIPHOSPHATE GLUCOSE TO URIDINE DIPHOSPHATE GLUCURONIC ACID. <i>Journal of the American Chemical Society</i> , 1954, 76, 6411-6412.	6.6	197
41	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, 7548-7555.	0.4	196
42	Viral evasion of natural killer cells. <i>Nature Immunology</i> , 2002, 3, 1006-1012.	7.0	191
43	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, 7219-7224.	3.3	185
44	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, 5767-5772.	3.3	171
45	CD151 Accelerates Breast Cancer by Regulating $\beta$ 6 Integrin Function, Signaling, and Molecular Organization. <i>Cancer Research</i> , 2008, 68, 3204-3213.	0.4	170
46	COMPETITIVE INHIBITION OF ENZYMIC REACTIONS BY OXAMYCIN. <i>Journal of the American Chemical Society</i> , 1960, 82, 998-999.	6.6	168
47	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, 13741-13746.	3.3	164
48	The $\beta$ 2-microglobulin T cell receptor and class Ib MHC-related proteins: Enigmatic molecules of immune recognition. <i>Cell</i> , 1989, 57, 895-898.	13.5	157
49	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, 10981-10986.	3.3	157
50	Biosynthesis of the peptidoglycan of bacterial cell walls. <i>Archives of Biochemistry and Biophysics</i> , 1966, 116, 487-515.	1.4	156
51	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, 502-508.	1.6	152
52	Direct evidence of homology between human DC-1 antigen and murine I-A molecules. <i>Nature</i> , 1982, 299, 836-838.	13.7	149
53	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.	3.3	142
54	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, 13312-13317.	3.3	135

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55	The heavy chain of human histocompatibility antigen HLA-B7 contains an immunoglobulin-like region. <i>Nature</i> , 1979, 282, 266-270.	13.7	134
56	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.	2.9	133
57	Purification and structural characterisation of human HLA-linked B-cell antigens. <i>Nature</i> , 1977, 268, 213-218.	13.7	130
58	Mechanism of Action and Development of Resistance to a New Amidino Penicillin. <i>Journal of Bacteriology</i> , 1974, 117, 578-587.	1.0	130
59	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, 6329-6334.	3.3	128
60	Mixed signature of activation and dysfunction allows human decidual CD8 <sup>+</sup> 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.	3.3	126
61	CD8 <sup>+</sup> 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.	1.2	125
62	Biosynthesis of the Peptidoglycan of Bacterial Cell Walls. <i>Journal of Biological Chemistry</i> , 1967, 242, 3191-3206.	1.6	118
63	Novel Species of tRNA. <i>Nature</i> , 1971, 230, 36-38.	13.7	115
64	Decidual NK Cells Transfer Granulysin to Selectively Kill Bacteria in Trophoblasts. <i>Cell</i> , 2020, 182, 1125-1139.e18.	13.5	115
65	Kinetics of Interaction of HLA-C Ligands with Natural Killer Cell Inhibitory Receptors. <i>Immunity</i> , 1998, 9, 337-344.	6.6	112
66	Myosin IIA is required for cytolytic granule exocytosis in human NK cells. <i>Journal of Experimental Medicine</i> , 2007, 204, 2285-2291.	4.2	112
67	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.	3.3	111
68	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, 903-907.	1.6	110
69	Monomeric Recombinant MD-2 Binds Toll-like Receptor 4 Tightly and Confers Lipopolysaccharide Responsiveness. <i>Journal of Biological Chemistry</i> , 2002, 277, 23427-23432.	1.6	108
70	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, 708-721.	0.6	107
71	Separate Functional Domains of Human MD-2 Mediate Toll-Like Receptor 4-Binding and Lipopolysaccharide Responsiveness. <i>Journal of Immunology</i> , 2003, 171, 5272-5276.	0.4	105
72	Enzymatic polymerization of UDP-acetylmuramyl-L-alanyl-L-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, 382-387.	1.0	104

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73	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, 2264-2273.	0.4	101
74	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, 18472-18477.	3.3	100
75	Mononucleotide Acid Anhydrides and Related Compounds as Intermediates in Metabolic Reactions. <i>Physiological Reviews</i> , 1960, 40, 55-111.	13.1	98
76	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, 3017-3022.	3.3	98
77	Self-Specific Memory Regulatory T Cells Protect Embryos at Implantation in Mice. <i>Journal of Immunology</i> , 2013, 191, 2273-2281.	0.4	97
78	TGF $\beta$ <sup>2</sup> affects development and differentiation of human natural killer cell subsets. <i>European Journal of Immunology</i> , 2010, 40, 2289-2295.	1.6	95
79	The Binding Site of NK Receptors on HLA-C Molecules. <i>Immunity</i> , 1997, 6, 341-350.	6.6	94
80	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, 121-132.	2.3	94
81	Deficient natural killer cell cytotoxicity in patients with IKK $\beta$ /NEMO mutations. <i>Journal of Clinical Investigation</i> , 2002, 109, 1501-1509.	3.9	94
82	On the structure of the cell wall of staphylococcus aureus (Copenhagen). <i>Biochemical and Biophysical Research Communications</i> , 1961, 5, 466-471.	1.0	93
83	Human T-cell $\beta$ genes contain N segments and have marked junctional variability. <i>Nature</i> , 1986, 322, 184-187.	13.7	93
84	Self-peptides bound to the type I diabetes associated class II MHC molecules HLA-DQ1 and HLA-DQ8. <i>International Immunology</i> , 1994, 6, 1639-1649.	1.8	92
85	Expression of Recombinant HLA-DR2 Molecules. <i>Journal of Biological Chemistry</i> , 1996, 271, 20156-20162.	1.6	92
86	The Translin Ring Specifically Recognizes DNA Ends at Recombination Hot Spots in the Human Genome. <i>Journal of Biological Chemistry</i> , 1997, 272, 11402-11407.	1.6	90
87	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, 5364-5369.	3.3	90
88	The Dual Role of HLA-C in Tolerance and Immunity at the Maternal-Fetal Interface. <i>Frontiers in Immunology</i> , 2019, 10, 2730.	2.2	90
89	HLA-DR light chain has a polymorphic N-terminal region and a conserved immunoglobulin-like C-terminal region. <i>Nature</i> , 1982, 297, 694-697.	13.7	89
90	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, 8874-8879.	3.3	89

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91	Differential induction of IgE-mediated anaphylaxis after soluble vs. cell-bound tolerogenic peptide therapy of autoimmune encephalomyelitis. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 9595-9600.	3.3	89
92	Identification of the Major Penicillin-Binding Proteins of <i>Escherichia coli</i> as Alanine Carboxypeptidase IA. Journal of Bacteriology, 1976, 127, 660-663.	1.0	89
93	Additional Antibiotic Inhibitors of Peptidoglycan Synthesis. Antimicrobial Agents and Chemotherapy, 1973, 4, 231-236.	1.4	86
94	Organization of the transcriptional unit of a human class II histocompatibility antigen: HLA-DR heavy chain. Nucleic Acids Research, 1983, 11, 8663-8676.	6.5	85
95	Structure and expression of HLA-DQ $\alpha$ and $\beta$ genes: interallelic alternate splicing of the HLA-DQ $\alpha$ gene and functional splicing of the HLA-DQ $\beta$ gene using a retroviral vector. Immunogenetics, 1987, 26, 63-73.	1.2	85
96	Nomenclature for factors of the HLA system, 1995. Human Immunology, 1995, 43, 149-164.	1.2	85
97	Sphere-Rod Morphogenesis in <i>Arthrobacter crystallopoietes</i> . I. Cell Wall Composition and Polysaccharides of the Peptidoglycan. Journal of Bacteriology, 1967, 94, 734-740.	1.0	85
98	Use of HLA loss mutants to analyse the structure of the human major histocompatibility complex. Nature, 1982, 296, 454-456.	13.7	84
99	Enzymatic Synthesis of the Peptide in Bacterial Uridine Nucleotides. Journal of Biological Chemistry, 1962, 237, 2689-2695.	1.6	84
100	Monitoring peripheral nerve degeneration in ALS by label-free stimulated Raman scattering imaging. Nature Communications, 2016, 7, 13283.	5.8	82
101	Virus-immune cytotoxic T cells recognize structural differences between serologically indistinguishable HLA-A2 molecules. Human Immunology, 1980, 1, 225-232.	1.2	81
102	Linkage disequilibrium between TAP2 variants and HLA class II alleles; no primary association between TAP2 variants and insulin-dependent diabetes mellitus. European Journal of Immunology, 1993, 23, 1050-1056.	1.6	81
103	Expression of KIR2DS1 by decidual natural killer cells increases their ability to control placental HCMV infection. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 15072-15077.	3.3	81
104	The killer's kiss: the many functions of NK cell immunological synapses. Current Opinion in Cell Biology, 2008, 20, 597-605.	2.6	77
105	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> . Biochemical and Biophysical Research Communications, 1966, 22, 48-56.	1.0	76
106	A minimum of four human class II $\beta$ -chain genes are encoded in the HLA region of chromosome 6. Nature, 1983, 304, 174-177.	13.7	76
107	Heterogeneity of TLR-induced responses in dendritic cells: from innate to adaptive immunity. Immunobiology, 2004, 209, 191-198.	0.8	76
108	Enzymatic Synthesis of the Peptide in Bacterial Uridine Nucleotides. Journal of Biological Chemistry, 1962, 237, 2696-2703.	1.6	76

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109	Human NK cells: their ligands, receptors and functions. Immunological Reviews, 1997, 155, 119-125.	2.8	75
110	Minute quantities of a single immunodominant foreign epitope are presented as large nested sets by major histocompatibility complex class II molecules. European Journal of Immunology, 1993, 23, 1602-1607.	1.6	74
111	An essential function for $\beta$ -arrestin 2 in the inhibitory signaling of natural killer cells. Nature Immunology, 2008, 9, 898-907.	7.0	73
112	Nucleotide sequence of the pbpA gene and characteristics of the deduced amino acid sequence of penicillin-binding protein 2 of Escherichia coli K12. FEBS Journal, 1986, 160, 231-238.	0.2	71
113	Cytotoxic potential of decidual NK cells and CD8+ T cells awakened by infections. Journal of Reproductive Immunology, 2017, 119, 85-90.	0.8	70
114	Involvement of caspase-cleaved and intact adaptor protein 1 complex in endosomal remodeling in maturing dendritic cells. Nature Immunology, 2005, 6, 1020-1028.	7.0	68
115	Promoting tolerance to proteolipid protein-induced experimental autoimmune encephalomyelitis through targeting dendritic cells. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 17280-17285.	3.3	66
116	The HCMV membrane glycoprotein US10 selectively targets HLA-G for degradation. Journal of Experimental Medicine, 2010, 207, 2033-2041.	4.2	65
117	Crystallization and X-ray diffraction studies on the histocompatibility antigens HLA-A2 and HLA-A28 from human cell membranes. Journal of Molecular Biology, 1985, 186, 205-210.	2.0	64
118	Isolation and Identification of Acetylgalactosamine Monosulfates. Journal of Biological Chemistry, 1960, 235, 2768-2773.	1.6	63
119	Nucleotide Accumulation Induced in Staphylococcus aureus by Glycine. Journal of Bacteriology, 1965, 89, 1124-1127.	1.0	62
120	Nomenclature for factors of the hla system, 2000. Human Immunology, 2001, 62, 419-468.	1.2	61
121	Contrasting Effects of EWI Proteins, Integrins, and Protein Palmitoylation on Cell Surface CD9 Organization. Journal of Biological Chemistry, 2006, 281, 12976-12985.	1.6	61
122	CD1d on Myeloid Dendritic Cells Stimulates Cytokine Secretion from and Cytolytic Activity of $V\alpha 24J\beta Q$ T Cells: A Feedback Mechanism for Immune Regulation. Journal of Immunology, 2000, 165, 3756-3762.	0.4	60
123	A pH-sensitive histidine residue as control element for ligand release from HLA-DR molecules. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 16946-16950.	3.3	60
124	Sphere-Rod Morphogenesis in <i>Arthrobacter crystallopoietes</i> II. Peptides of the Cell Wall Peptidoglycan. Journal of Bacteriology, 1967, 94, 741-750.	1.0	60
125	MLL 5 protein forms intranuclear foci, and overexpression inhibits cell cycle progression. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 757-762.	3.3	59
126	Molecular Genetics of the Human Major Histocompatibility Complex. , 1986, 15, 197-247.		59



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127	Some properties of uridine diphosphoglucose dehydrogenase. Archives of Biochemistry and Biophysics, 1956, 65, 2-10.	1.4	58
128	Transformation of human lymphocytes by Epstein-Barr virus is inhibited by phosphonoacetic acid. Nature, 1976, 263, 332-334.	13.7	58
129	Isolation of the Lipid Intermediate in Peptidoglycan Biosynthesis from <i>Escherichia coli</i> . Journal of Bacteriology, 1972, 112, 1306-1309.	1.0	58
130	PENICILLIN-SENSITIVE ENZYMES AND PENICILLIN-BINDING COMPONENTS IN BACTERIAL CELLS. Annals of the New York Academy of Sciences, 1974, 235, 210-224.	1.8	57
131	Impaired spontaneous endocytosis of HLA-G. European Journal of Immunology, 1997, 27, 2714-2719.	1.6	56
132	A new mechanism for dephosphorylation of nucleoside di- and triphosphates. I. Transphosphorylation between nucleoside monophosphates and nucleoside triphosphates. Archives of Biochemistry and Biophysics, 1954, 52, 488-491.	1.4	54
133	Enzymatic Synthesis and Immunochemistry of N-Acetylglucosaminylrbitol Linkages in the Teichoic Acids of Staphylococcus aureus Strains. Journal of Biological Chemistry, 1962, 237, PC3839-PC3841.	1.6	54
134	C4B gene polymorphism detected in a human cosmid clone. Immunogenetics, 1986, 23, 274-276.	1.2	53
135	The BAT1 gene in the MHC encodes an evolutionarily conserved putative nuclear RNA helicase of the DEAD family. Genomics, 1995, 26, 210-218.	1.3	53
136	Analysis of the sheep MHC using HLA class I, II, and C4 cDNA probes. Immunogenetics, 1985, 22, 349-358.	1.2	51
137	WIP is essential for lytic granule polarization and NK cell cytotoxicity. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 2568-2573.	3.3	51
138	Abelson virus-transformed lymphocytes: Null cells that modulate H-2. Cell, 1977, 12, 683-690.	13.5	50
139	Description of a monoclonal antibody defining an HLA allotypic determinant that includes specificities within the B5 cross-reacting group. Human Immunology, 1982, 4, 273-285.	1.2	50
140	IL-3 Induces B7.2 (CD86) Expression and Costimulatory Activity in Human Eosinophils. Journal of Immunology, 2001, 167, 6097-6104.	0.4	49
141	A specific microdetermination of glucosamine and the analysis of other hexosamines in the presence of glucosamine. Analytical Biochemistry, 1964, 9, 263-271.	1.1	48
142	Amino acid copolymer-specific IL-10-secreting regulatory T cells that ameliorate autoimmune diseases in mice. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 5172-5176.	3.3	48
143	Molecular analyses of the interactions between human NK receptors and their HLA ligands. Human Immunology, 2000, 61, 28-38.	1.2	47
144	Nomenclature for factors of the HLA system, 2002. International Journal of Immunogenetics, 2002, 29, 463-515.	1.2	47

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145	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, 16561-16570.	1.6	47
146	Immunochemically purified DR antigens in liposomes stimulate xenogeneic cytolytic T cells in secondary in vitro cultures. <i>Cellular Immunology</i> , 1986, 103, 160-173.	1.4	46
147	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, 2709-2715.	1.6	45
148	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, 17783-17788.	3.3	45
149	NLRP2 is a suppressor of NF- $\kappa$ B signaling and HLA-C expression in human trophoblasts. <i>Biology of Reproduction</i> , 2017, 96, 831-842.	1.2	45
150	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, 11743-11748.	3.3	44
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152	CD1d and CD1d-restricted iNKT-cells play a pivotal role in contact hypersensitivity. <i>Experimental Dermatology</i> , 2005, 14, 250-258.	1.4	43
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