

# Ellis L Reinherz

## List of Publications by Year in descending order

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256  
papers

22,207  
citations

9264

74  
h-index

9861

141  
g-index

259  
all docs

259  
docs citations

259  
times ranked

12427  
citing authors

#	ARTICLE	IF	CITATIONS
1	The differentiation and function of human T lymphocytes. <i>Cell</i> , 1980, 19, 821-827.	28.9	1,566
2	An alternative pathway of T-cell activation: A functional role for the 50 kd T11 sheep erythrocyte receptor protein. <i>Cell</i> , 1984, 36, 897-906.	28.9	1,153
3	Regulation of the Immune Response "Inducer and Suppressor T-Lymphocyte Subsets in Human Beings. <i>New England Journal of Medicine</i> , 1980, 303, 370-373.	27.0	749
4	Atomic structure of a fragment of human CD4 containing two immunoglobulin-like domains. <i>Nature</i> , 1990, 348, 411-418.	27.8	610
5	Antigen recognition by human T lymphocytes is linked to surface expression of the T3 molecular complex. <i>Cell</i> , 1982, 30, 735-743.	28.9	496
6	Evidence for the T3-associated 90K heterodimer as the T-cell antigen receptor. <i>Nature</i> , 1983, 303, 808-810.	27.8	473
7	A soluble CD4 protein selectively inhibits HIV replication and syncytium formation. <i>Nature</i> , 1988, 331, 78-81.	27.8	468
8	Loss of Suppressor T Cells in Active Multiple Sclerosis. <i>New England Journal of Medicine</i> , 1980, 303, 125-129.	27.0	465
9	Analysis of host-virus interactions in AIDS with anti-gp120 T cell clones: Effect of HIV sequence variation and a mechanism for CD4+ cell depletion. <i>Cell</i> , 1988, 54, 561-575.	28.9	401
10	Sequence Variability Analysis of Human Class I and Class II MHC Molecules: Functional and Structural Correlates of Amino Acid Polymorphisms. <i>Journal of Molecular Biology</i> , 2003, 331, 623-641.	4.2	355
11	Prediction of MHC class I binding peptides using profile motifs. <i>Human Immunology</i> , 2002, 63, 701-709.	2.4	351
12	The $\alpha\beta$ T Cell Receptor Is an Anisotropic Mechanosensor. <i>Journal of Biological Chemistry</i> , 2009, 284, 31028-31037.	3.4	350
13	Enhancement to the RANKPEP resource for the prediction of peptide binding to MHC molecules using profiles. <i>Immunogenetics</i> , 2004, 56, 405-19.	2.4	341
14	In Vivo Activated T Lymphocytes in the Peripheral Blood and Cerebrospinal Fluid of Patients with Multiple Sclerosis. <i>New England Journal of Medicine</i> , 1985, 312, 1405-1411.	27.0	310
15	Activation of cytolytic T lymphocyte and natural killer cell function through the T11 sheep erythrocyte binding protein. <i>Nature</i> , 1985, 317, 428-430.	27.8	288
16	Biochemical studies of the human thymocyte cell-surface antigens T6, T9 and T10. <i>Cell</i> , 1981, 23, 771-780.	28.9	278
17	The human T cell receptor: Appearance in ontogeny and biochemical relationship of $\alpha$ and $\beta$ subunits on IL-2 dependent clones and T cell tumors. <i>Cell</i> , 1983, 34, 717-726.	28.9	277
18	Aberrations of Suppressor T Cells in Human Graft-versus-Host Disease. <i>New England Journal of Medicine</i> , 1979, 300, 1061-1068.	27.0	276

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19	HIV-1 Broadly Neutralizing Antibody Extracts Its Epitope from a Kinked gp41 Ectodomain Region on the Viral Membrane. <i>Immunity</i> , 2008, 28, 52-63.	14.3	263
20	A population of early fetal thymocytes expressing Fc $\gamma$ RIII contains precursors of T lymphocytes and natural killer cells. <i>Cell</i> , 1992, 69, 139-150.	28.9	256
21	A monoclonal antibody blocking human T cell function. <i>European Journal of Immunology</i> , 1980, 10, 758-762.	2.9	242
22	T Cell Responses Modulated Through Interaction Between CD8alpha alpha and the Nonclassical MHC Class I Molecule, TL. <i>Science</i> , 2001, 294, 1936-1939.	12.6	242
23	Identification of human CD4 residues affecting class II MHC versus HIV-1 gp120 binding. <i>Nature</i> , 1989, 339, 548-551.	27.8	228
24	Structure of a Heterophilic Adhesion Complex between the Human CD2 and CD58 (LFA-3) Counterreceptors. <i>Cell</i> , 1999, 97, 791-803.	28.9	216
25	Abnormalities of Immunoregulatory T Cells in Disorders of Immune Function. <i>New England Journal of Medicine</i> , 1979, 301, 1018-1022.	27.0	215
26	Force-dependent transition in the T-cell receptor $\beta$ -subunit allosterically regulates peptide discrimination and pMHC bond lifetime. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1517-1522.	7.1	209
27	Induction of anti-tumor cytotoxic T cell responses through PLGA-nanoparticle mediated antigen delivery. <i>Biomaterials</i> , 2011, 32, 3666-3678.	11.4	208
28	Substitution of murine for human CD4 residues identifies amino acids critical for HIV-gp120 binding. <i>Nature</i> , 1988, 335, 363-366.	27.8	197
29	Developmentally Regulated Glycosylation of the CD8 $\beta$ Coreceptor Stalk Modulates Ligand Binding. <i>Cell</i> , 2001, 107, 501-512.	28.9	190
30	Phenotypic and functional heterogeneity of human cloned natural killer cell lines. <i>Nature</i> , 1983, 301, 158-160.	27.8	189
31	Structural Basis of CD8 Coreceptor Function Revealed by Crystallographic Analysis of a Murine CD8 $\beta$ Ectodomain Fragment in Complex with H-2Kb. <i>Immunity</i> , 1998, 9, 519-530.	14.3	168
32	Downregulation of enkephalin-mediated inflammatory responses by CD10/neutral endopeptidase 24.11. <i>Nature</i> , 1990, 347, 394-396.	27.8	165
33	The delineation of antigen receptors on human T lymphocytes. <i>Trends in Immunology</i> , 1983, 4, 5-8.	7.5	164
34	The Human T Cell Receptor: Analysis with Cytotoxic T Cell Clones. <i>Immunological Reviews</i> , 1983, 74, 83-112.	6.0	161
35	Mechanisms Contributing to T Cell Receptor Signaling and Assembly Revealed by the Solution Structure of an Ectodomain Fragment of the CD3 $\mu$ Heterodimer. <i>Cell</i> , 2001, 105, 913-923.	28.9	156
36	The Structural Biology of CD2. <i>Immunological Reviews</i> , 1989, 111, 111-144.	6.0	152

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37	Functional and Molecular Aspects of Human T Lymphocyte Activation via T3-Ti and Tl1 Pathways. <i>Immunological Reviews</i> , 1987, 95, 5-36.	6.0	150
38	Comparative expression of T9, T10, and Ia antigens on activated human T cell subsets. <i>Human Immunology</i> , 1981, 3, 247-259.	2.4	149
39	Mechanosensing drives acuity of $\alpha\beta$ T-cell recognition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E8204-E8213.	7.1	148
40	Regulation of B cell immunoglobulin secretion by functional subsets of T lymphocytes in man. <i>European Journal of Immunology</i> , 1980, 10, 570-572.	2.9	147
41	Characterization of T cell surface glycoproteins T1 and T3 present on all human peripheral T lymphocytes and functionally mature thymocytes. <i>European Journal of Immunology</i> , 1981, 11, 18-21.	2.9	146
42	Genes encoding the $\beta$ subunit of the antigen/MHC receptor undergo rearrangement during intrathymic ontogeny prior to surface T3-Ti expression. <i>Cell</i> , 1984, 39, 261-266.	28.9	137
43	GAKIN, a Novel Kinesin-like Protein Associates with the Human Homologue of the Drosophila Discs Large Tumor Suppressor in T Lymphocytes. <i>Journal of Biological Chemistry</i> , 2000, 275, 28774-28784.	3.4	137
44	Immunohistochemical staining of human brain with monoclonal antibodies that identify lymphocytes, monocytes, and the Ia antigen. <i>Journal of Neuroimmunology</i> , 1983, 5, 197-205.	2.3	132
45	Deficiency of Suppressor T Cells in the Hyperimmunoglobulin E Syndrome. <i>Journal of Clinical Investigation</i> , 1981, 68, 783-791.	8.2	132
46	Peptide-Induced Negative Selection of Thymocytes Activates Transcription of an NF- $\kappa$ B Inhibitor. <i>Molecular Cell</i> , 2002, 9, 637-648.	9.7	119
47	Immunodeficiency Associated with Loss of T4+Inducer T-Cell Function. <i>New England Journal of Medicine</i> , 1981, 304, 811-816.	27.0	117
48	PlexinD1 Glycoprotein Controls Migration of Positively Selected Thymocytes into the Medulla. <i>Immunity</i> , 2008, 29, 888-898.	14.3	117
49	Immunoregulatory abnormalities in mucocutaneous lymph node syndrome. <i>Clinical Immunology and Immunopathology</i> , 1982, 23, 100-112.	2.0	116
50	T lymphocyte surface antigens in primates. <i>European Journal of Immunology</i> , 1983, 13, 345-347.	2.9	113
51	Autoantibody to an Immunoregulatory Inducer Population in Patients with Juvenile Rheumatoid Arthritis. <i>Journal of Clinical Investigation</i> , 1981, 67, 753-761.	8.2	113
52	Antibody directed at a surface structure inhibits cytolytic but not suppressor function of human T lymphocytes. <i>Nature</i> , 1981, 294, 168-170.	27.8	112
53	Quantitative phosphoproteomic analysis reveals system-wide signaling pathways downstream of SDF-1/CXCR4 in breast cancer stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E2182-90.	7.1	109
54	Broadly neutralizing anti-HIV-1 antibodies disrupt a hinge-related function of gp41 at the membrane interface. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 9057-9062.	7.1	104

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55	Prediction of methylated CpGs in DNA sequences using a support vector machine. FEBS Letters, 2005, 579, 4302-4308.	2.8	103
56	Solution structure of the CD3 $\alpha$ ectodomain and comparison with CD3 $\beta$ as a basis for modeling T cell receptor topology and signaling. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 16867-16872.	7.1	101
57	T Lymphocytes: Ontogeny, Function, and Relevance to Clinical Disorders. New England Journal of Medicine, 1987, 317, 1136-1142.	27.0	93
58	Genome-wide Characterization of a Viral Cytotoxic T Lymphocyte Epitope Repertoire. Journal of Biological Chemistry, 2003, 278, 45135-45144.	3.4	93
59	The structural basis of $\beta$ 2-microglobulin lineage immune recognition: <scp>TCR</scp> docking topologies, mechanotransduction, and co $\alpha$ receptor function. Immunological Reviews, 2012, 250, 102-119.	6.0	92
60	Germinal Center Hypoxia Potentiates Immunoglobulin Class Switch Recombination. Journal of Immunology, 2016, 197, 4014-4020.	0.8	92
61	TREATMENT OF ACUTE RENAL ALLOGRAFT REJECTION WITH MONOCLONAL ANTI-T12 ANTIBODY1,2. Transplantation, 1983, 36, 620-626.	1.0	90
62	T Cell Receptor Binding to a pMHCII Ligand Is Kinetically Distinct from and Independent of CD4. Journal of Biological Chemistry, 2001, 276, 5659-5667.	3.4	90
63	Characteristics of anti-T-cell antibodies in systemic lupus erythematosus: Evidence for selective reactivity with normal suppressor cells defined by monoclonal antibodies. Clinical Immunology and Immunopathology, 1980, 16, 474-484.	2.0	88
64	Structural basis of T cell recognition of peptides bound to MHC molecules. Molecular Immunology, 2002, 38, 1039-1049.	2.2	88
65	The Crystal Structure of a TL/CD8 $\alpha$ Complex at 2.1 Å... Resolution. Immunity, 2003, 18, 205-215.	14.3	88
66	T-cell receptor ligation by peptide/MHC induces activation of a caspase in immature thymocytes: the molecular basis of negative selection. EMBO Journal, 1997, 16, 2282-2293.	7.8	87
67	Intrinsic Immunogenicity of Small Cell Lung Carcinoma Revealed by Its Cellular Plasticity. Cancer Discovery, 2021, 11, 1952-1969.	9.4	87
68	The GYF domain is a novel structural fold that is involved in lymphoid signaling through proline-rich sequences. Nature Structural Biology, 1999, 6, 656-660.	9.7	86
69	Antibody mechanics on a membrane-bound HIV segment essential for GP41-targeted viral neutralization. Nature Structural and Molecular Biology, 2011, 18, 1235-1243.	8.2	86
70	Structure, specificity and CDR mobility of a class II restricted single-chain T-cell receptor. Nature Structural Biology, 1999, 6, 574-581.	9.7	83
71	Clonotypic Surface Structure on Human T Lymphocytes: Functional and Biochemical Analysis of the Antigen Receptor Complex. Immunological Reviews, 1984, 81, 95-130.	6.0	82
72	Dynamic interaction of CD2 with the GYF and the SH3 domain of compartmentalized effector molecules. EMBO Journal, 2002, 21, 5985-5995.	7.8	80

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73	Expression, Purification, and Functional Analysis of Murine Ectodomain Fragments of CD8 $\alpha\beta$ and CD8 $\alpha\beta$ Dimers. <i>Journal of Biological Chemistry</i> , 1999, 274, 27237-27243.	3.4	79
74	Recognition and Classification of Histones Using Support Vector Machine. <i>Journal of Computational Biology</i> , 2006, 13, 102-112.	1.6	79
75	Direct evidence for the existence of nominal antigen binding sites on T cell surface T $\alpha\beta$ heterodimers of MHC-restricted T cell clones. <i>Cell</i> , 1986, 47, 161-171.	28.9	78
76	Molecular recognition of antigen involves lattice formation between CD4, MHC class II and TCR molecules. <i>Trends in Immunology</i> , 1995, 16, 581-587.	7.5	78
77	Polymer-supported lipid shells, onions, and flowers. <i>Soft Matter</i> , 2008, 4, 1787.	2.7	77
78	Liposomal vaccines incorporating molecular adjuvants and intrastructural T-cell help promote the immunogenicity of HIV membrane-proximal external region peptides. <i>Vaccine</i> , 2015, 33, 861-868.	3.8	76
79	Complementary roles for CD2 and LFA-1 adhesion pathways during T cell activation. <i>European Journal of Immunology</i> , 1991, 21, 605-610.	2.9	75
80	TCR Mechanobiology: Torques and Tunable Structures Linked to Early T Cell Signaling. <i>Frontiers in Immunology</i> , 2012, 3, 76.	4.8	75
81	A rapid method for separating functionally intact human T lymphocytes with monoclonal antibodies. <i>Clinical Immunology and Immunopathology</i> , 1981, 21, 257-266.	2.0	73
82	Sialic Acid Capping of CD8 $\alpha\beta$ Core 1-O-Glycans Controls Thymocyte-Major Histocompatibility Complex Class I Interaction. <i>Journal of Biological Chemistry</i> , 2003, 278, 7240-7246.	3.4	73
83	Expression, Purification, and Characterization of Recombinant HIV gp140. <i>Journal of Biological Chemistry</i> , 2001, 276, 39577-39585.	3.4	71
84	A Conserved E7-derived Cytotoxic T Lymphocyte Epitope Expressed on Human Papillomavirus 16-transformed HLA-A2+ Epithelial Cancers. <i>Journal of Biological Chemistry</i> , 2010, 285, 29608-29622.	3.4	71
85	Dynamic control of $\alpha\beta$ 1 integrin adhesion by the plexinD1-sema3E axis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 379-384.	7.1	69
86	Expression of a 26,000-dalton glycoprotein on activated human T cells. <i>Cellular Immunology</i> , 1981, 64, 192-199.	3.0	68
87	$\alpha\beta$ T Cell Receptor Mechanosensing Forces out Serial Engagement. <i>Trends in Immunology</i> , 2018, 39, 596-609.	6.8	68
88	Structure of the glycosylated adhesion domain of human T lymphocyte glycoprotein CD2. <i>Structure</i> , 1993, 1, 69-81.	3.3	66
89	TANTIGEN: a comprehensive database of tumor T cell antigens. <i>Cancer Immunology, Immunotherapy</i> , 2017, 66, 731-735.	4.2	66
90	Antiviral chemotherapy facilitates control of poxvirus infections through inhibition of cellular signal transduction. <i>Journal of Clinical Investigation</i> , 2005, 115, 379-387.	8.2	66

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91	Contrasting effects of cyclophosphamide and prednisolone on the phenotype of human peripheral blood leukocytes. <i>Clinical Immunology and Immunopathology</i> , 1983, 28, 101-114.	2.0	65
92	Delineation of an effector population responsible for natural killing and antibody-dependent cellular cytotoxicity in man. <i>Clinical Immunology and Immunopathology</i> , 1981, 18, 145-150.	2.0	63
93	One of the CD3 $\mu$ Subunits within a T Cell Receptor Complex Lies in Close Proximity to the C $\zeta$ FG Loop. <i>Journal of Experimental Medicine</i> , 1998, 187, 1529-1536.	8.5	63
94	Total lymphoid irradiation therapy in refractory rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 1984, 27, 481-488.	6.7	62
95	Pre-TCR ligand binding impacts thymocyte development before $\alpha\beta$ TCR expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 8373-8378.	7.1	62
96	Comparison in T- and B-cell markers in patients with Sjögren's syndrome and systemic lupus erythematosus. <i>Clinical Immunology and Immunopathology</i> , 1982, 22, 270-278.	2.0	61
97	Ontogeny of human T and B lymphocytes during stressed and normal gestation: Phenotypic analysis of umbilical cord lymphocytes from term and preterm infants. <i>Clinical Immunology and Immunopathology</i> , 1985, 37, 1-12.	2.0	60
98	CD2BP1 Modulates CD2-Dependent T Cell Activation via Linkage to Protein Tyrosine Phosphatase (PTP)-PEST. <i>Journal of Immunology</i> , 2006, 176, 5898-5907.	0.8	60
99	Pre-T Cell Receptors (Pre-TCRs) Leverage $\alpha\beta$ Complementarity Determining Regions (CDRs) and Hydrophobic Patch in Mechanosensing Thymic Self-ligands. <i>Journal of Biological Chemistry</i> , 2016, 291, 25292-25305.	3.4	60
100	Pyrin Modulates the Intracellular Distribution of PSTPIP1. <i>PLoS ONE</i> , 2009, 4, e6147.	2.5	59
101	The T Cell Antigen Receptor $\alpha$ Transmembrane Domain Coordinates Triggering through Regulation of Bilayer Immersion and CD3 Subunit Associations. <i>Immunity</i> , 2018, 49, 829-841.e6.	14.3	58
102	MULTIPRED2: A computational system for large-scale identification of peptides predicted to bind to HLA supertypes and alleles. <i>Journal of Immunological Methods</i> , 2011, 374, 53-61.	1.4	55
103	Structural Features of the $\alpha\beta$ TCR Mechanotransduction Apparatus That Promote pMHC Discrimination. <i>Frontiers in Immunology</i> , 2015, 6, 441.	4.8	55
104	The human interferon- $\gamma$ gene contains an inducible promoter that can be transactivated by tax I and II. <i>European Journal of Immunology</i> , 1991, 21, 1879-1885.	2.9	54
105	Thymic and peripheral apoptosis of antigen-specific T cells might cooperate in establishing self tolerance. <i>European Journal of Immunology</i> , 1993, 23, 747-753.	2.9	54
106	Reactivity of inducer cell subsets and T8-cell activation during the human autologous mixed lymphocyte reaction. <i>Clinical Immunology and Immunopathology</i> , 1984, 30, 117-128.	2.0	52
107	Most anti-human CD3 monoclonal antibodies are directed to the CD3 $\epsilon$ subunit. <i>European Journal of Immunology</i> , 1989, 19, 947-950.	2.9	52
108	Surface-Matrix Screening Identifies Semi-specific Interactions that Improve Potency of a Near Pan-reactive HIV-1-Neutralizing Antibody. <i>Cell Reports</i> , 2018, 22, 1798-1809.	6.4	52

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109	T3-Ti receptor triggering of T8+ suppressor T cells leads to unresponsiveness to interleukin-2. <i>Nature</i> , 1984, 311, 565-567.	27.8	49
110	Functional Role for $\beta$ BNS in T Cell Cytokine Regulation As Revealed by Targeted Gene Disruption. <i>Journal of Immunology</i> , 2007, 179, 1681-1692.	0.8	49
111	Dynamic Recruitment of Human CD2 into Lipid Rafts. <i>Journal of Biological Chemistry</i> , 2001, 276, 18775-18785.	3.4	48
112	Physical detection of influenza A epitopes identifies a stealth subset on human lung epithelium evading natural CD8 immunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 2151-2156.	7.1	48
113	Murine and human T11 (CD2) cDNA sequences suggest a common signal transduction mechanism. <i>European Journal of Immunology</i> , 1987, 17, 1367-1370.	2.9	46
114	CD2 molecules redistribute to the uropod during T cell scanning: Implications for cellular activation and immune surveillance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 7582-7587.	7.1	46
115	Crystal Structures of Murine MHC Class I H-2 Db and Kb Molecules in Complex with CTL Epitopes from Influenza A Virus: Implications for TCR Repertoire Selection and Immunodominance. <i>Journal of Molecular Biology</i> , 2005, 345, 1099-1110.	4.2	46
116	Identification of a 140-kDa activation antigen as a target structure for a series of human cloned natural killer cell lines. <i>European Journal of Immunology</i> , 1984, 14, 844-852.	2.9	45
117	Interactions between Lipids and Human Anti-HIV Antibody 4E10 Can Be Reduced without Ablating Neutralizing Activity. <i>Journal of Virology</i> , 2010, 84, 1076-1088.	3.4	45
118	Homology of Ti $\beta$ -subunit of a T-cell antigenâ€‘MHC receptor with immunoglobulin. <i>Nature</i> , 1984, 312, 269-271.	27.8	44
119	Gene expression analysis of thymocyte selection in vivo. <i>International Immunology</i> , 2003, 15, 1237-1248.	4.0	44
120	CD2BP3, CIN85 and the structurally related adaptor protein CMS bind to the same CD2 cytoplasmic segment, but elicit divergent functional activities. <i>International Immunology</i> , 2003, 15, 313-329.	4.0	44
121	The $\beta$ TCR mechanosensor exploits dynamic ectodomain allostery to optimize its ligand recognition site. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 21336-21345.	7.1	44
122	Structural and Functional Evidence that Nck Interaction with CD3 $\zeta$ Regulates T-Cell Receptor Activity. <i>Journal of Molecular Biology</i> , 2008, 380, 704-716.	4.2	43
123	Immunogenicity of Membrane-bound HIV-1 gp41 Membrane-proximal External Region (MPER) Segments Is Dominated by Residue Accessibility and Modulated by Stereochemistry. <i>Journal of Biological Chemistry</i> , 2013, 288, 31888-31901.	3.4	43
124	Molecular dissection of the CD2-C58 counter-receptor interface identifies CD2 Tyr86 and CD58 Lys34 residues as the functional â€‘hot spotâ€‘. Edited by I. Wilson. <i>Journal of Molecular Biology</i> , 2001, 312, 711-720.	4.2	42
125	CD2 signaling in T cells involves tyrosine phosphorylation and activation of the Tec family kinase, EMT/ITK/TSK. <i>International Immunology</i> , 1996, 8, 1707-1714.	4.0	41
126	A Critical Role for CD2 in Both Thymic Selection Events and Mature T Cell Function. <i>Journal of Immunology</i> , 2001, 166, 2394-2403.	0.8	41



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127	Topology of T cell receptor-peptide/class I MHC interaction defined by charge reversal complementation and functional analysis. <i>Journal of Molecular Biology</i> , 1997, 271, 278-293.	4.2	40
128	Elicitation from virus-naive individuals of cytotoxic T lymphocytes directed against conserved HIV-1 epitopes. <i>Medical Immunology</i> , 2006, 5, 1.	2.1	40
129	The TCR C $\beta$ 2 FG Loop Regulates $\alpha$ $\beta$ T Cell Development. <i>Journal of Immunology</i> , 2006, 176, 6812-6823.	0.8	40
130	The human T-cell receptor. <i>Journal of Clinical Immunology</i> , 1985, 5, 141-157.	3.8	39
131	Functional analysis of immunoreceptor tyrosinebased activation motif (ITAM)-mediated signal transduction: the two YxxL segments within a single CD3 $\zeta$ ITAM are functionally distinct. <i>European Journal of Immunology</i> , 1997, 27, 2001-2009.	2.9	39
132	Biochemical and Functional Analysis of Smallpox Growth Factor (SPGF) and Anti-SPGF Monoclonal Antibodies. <i>Journal of Biological Chemistry</i> , 2004, 279, 25838-25848.	3.4	39
133	Structural and Mutational Analyses of a CD8 $\alpha$ $\beta$ Heterodimer and Comparison with the CD8 $\alpha$ $\beta$ Homodimer. <i>Immunity</i> , 2005, 23, 661-671.	14.3	39
134	Who needs more?. <i>Nature</i> , 1987, 325, 660-663.	27.8	38
135	In vivo selection of a TCR V $\alpha$ repertoire directed against an immunodominant influenza virus CTL epitope. <i>International Immunology</i> , 2004, 16, 1549-1559.	4.0	38
136	Impaired B Cell Development and Function in the Absence of I $\beta$ BNS. <i>Journal of Immunology</i> , 2011, 187, 3942-3952.	0.8	38
137	Absence of expression of IA antigen on human cytotoxic T cells. <i>Immunogenetics</i> , 1980, 11-11, 421-426.	2.4	37
138	Graft-versus-Leukemia Antigen CML66 Elicits Coordinated B-Cell and T-Cell Immunity after Donor Lymphocyte Infusion. <i>Clinical Cancer Research</i> , 2010, 16, 2729-2739.	7.0	37
139	Systemic Lupus Erythematosus: Delineation of Subpopulations by Clinical, Serologic, and T Cell Subset Analysis. <i>American Journal of the Medical Sciences</i> , 1985, 289, 139-147.	1.1	36
140	CD2 engagement induces dendritic cell activation: implications for immune surveillance and T-cell activation. <i>Blood</i> , 2003, 102, 1745-1752.	1.4	36
141	Involvement of the TCR C $\beta$ 2 FG Loop in Thymic Selection and T Cell Function. <i>Journal of Experimental Medicine</i> , 2002, 195, 1419-1431.	8.5	35
142	Crystallization of a Deglycosylated T Cell Receptor (TCR) Complexed with an Anti-TCR Fab Fragment. <i>Journal of Biological Chemistry</i> , 1996, 271, 33639-33646.	3.4	34
143	Distinctive CD3 Heterodimeric Ectodomain Topologies Maximize Antigen-Triggered Activation of $\alpha$ $\beta$ T Cell Receptors. <i>Journal of Immunology</i> , 2010, 185, 2951-2959.	0.8	34
144	Disruption of Helix-Capping Residues 671 and 674 Reveals a Role in HIV-1 Entry for a Specialized Hinge Segment of the Membrane Proximal External Region of gp41. <i>Journal of Molecular Biology</i> , 2014, 426, 1095-1108.	4.2	34

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145	Structural basis of cell-cell interactions in the immune system. <i>Current Opinion in Structural Biology</i> , 2000, 10, 656-661.	5.7	33
146	The CD8 $\alpha$ $\beta$ co-receptor on double-positive thymocytes binds with differing affinities to the products of distinct class I MHC loci. <i>European Journal of Immunology</i> , 2001, 31, 2791-2799.	2.9	33
147	Critical role of NK but not NKT cells in acute rejection of parental bone marrow cells in F1 hybrid mice. <i>European Journal of Immunology</i> , 2001, 31, 3147-3152.	2.9	33
148	Virgin and memory T cells have different requirements for activation via the CD2 molecule. <i>International Immunology</i> , 1989, 1, 29-35.	4.0	32
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150	Expression, Purification, and Characterization of gp160e, the Soluble, Trimeric Ectodomain of the Simian Immunodeficiency Virus Envelope Glycoprotein, gp160. <i>Journal of Biological Chemistry</i> , 2000, 275, 34946-34953.	3.4	31
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