

# Gerald T Nepom

## List of Publications by Year in descending order

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230  
papers

11,820  
citations

25034

57  
h-index

32842

100  
g-index

246  
all docs

246  
docs citations

246  
times ranked

11279  
citing authors

#	ARTICLE	IF	CITATIONS
1	Kv1.3 channels are a therapeutic target for T cell-mediated autoimmune diseases. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 17414-17419.	7.1	470
2	Narcolepsy is strongly associated with the T-cell receptor alpha locus. Nature Genetics, 2009, 41, 708-711.	21.4	445
3	Genetics of Type 1A Diabetes. New England Journal of Medicine, 2009, 360, 1646-1654.	27.0	437
4	MHC class II tetramers identify peptide-specific human CD4+ T cells proliferating in response to influenza A antigen. Journal of Clinical Investigation, 1999, 104, R63-R67.	8.2	342
5	HLA Genes associated with rheumatoid Arthritis. Identification of susceptibility alleles using specific oligonucleotide probes. Arthritis and Rheumatism, 1989, 32, 15-21.	6.7	329
6	Systems Scale Interactive Exploration Reveals Quantitative and Qualitative Differences in Response to Influenza and Pneumococcal Vaccines. Immunity, 2013, 38, 831-844.	14.3	284
7	Prediction and Pathogenesis in Type 1 Diabetes. Immunity, 2010, 32, 468-478.	14.3	270
8	<i>De novo</i> generation of antigen-specific CD4 <sup>+</sup> CD25 <sup>+</sup> regulatory T cells from human CD4 <sup>+</sup> CD25 <sup>+</sup> cells. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 4103-4108.	7.1	266
9	Functional inflammatory profiles distinguish myelin-reactive T cells from patients with multiple sclerosis. Science Translational Medicine, 2015, 7, 287ra74.	12.4	246
10	Alefacept provides sustained clinical and immunological effects in new-onset type 1 diabetes patients. Journal of Clinical Investigation, 2015, 125, 3285-3296.	8.2	228
11	Common variants in P2RY11 are associated with narcolepsy. Nature Genetics, 2011, 43, 66-71.	21.4	215
12	Recurrence of Type 1 Diabetes After Simultaneous Pancreas-Kidney Transplantation, Despite Immunosuppression, Is Associated With Autoantibodies and Pathogenic Autoreactive CD4 T-Cells. Diabetes, 2010, 59, 947-957.	0.6	210
13	The insulin A-chain epitope recognized by human T cells is posttranslationally modified. Journal of Experimental Medicine, 2005, 202, 1191-1197.	8.5	201
14	Detection of GAD65-Specific T-Cells by Major Histocompatibility Complex Class II Tetramers in Type 1 Diabetic Patients and At-Risk Subjects. Diabetes, 2002, 51, 1375-1382.	0.6	189
15	Antibiotic-refractory Lyme arthritis is associated with HLA-DR molecules that bind a Borrelia burgdorferi peptide. Journal of Experimental Medicine, 2006, 203, 961-971.	8.5	187
16	A Unified Hypothesis for the Complex Genetics of HLA Associations With IDDM. Diabetes, 1990, 39, 1153-1157.	0.6	183
17	Targeting of memory T cells with alefacept in new-onset type 1 diabetes (T1DAL study): 12 month results of a randomised, double-blind, placebo-controlled phase 2 trial. Lancet Diabetes and Endocrinology, 2013, 1, 284-294.	11.4	169
18	Partial exhaustion of CD8 T cells and clinical response to teplizumab in new-onset type 1 diabetes. Science Immunology, 2016, 1, .	11.9	169

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19	Association of HLA-Dw16 with rheumatoid arthritis in Yakima Indians. Further evidence for the shared epitope hypothesis. <i>Arthritis and Rheumatism</i> , 1991, 34, 43-47.	6.7	161
20	Cutting Edge: High Molecular Weight Hyaluronan Promotes the Suppressive Effects of CD4+CD25+ Regulatory T Cells. <i>Journal of Immunology</i> , 2007, 179, 744-747.	0.8	156
21	Successful Prospective Prediction of Type 1 Diabetes in Schoolchildren Through Multiple Defined Autoantibodies: An 8-year follow-up of the Washington State Diabetes Prediction Study. <i>Diabetes Care</i> , 2002, 25, 505-511.	8.6	151
22	The molecular basis for HLA class II associations with rheumatoid arthritis. <i>Journal of Clinical Immunology</i> , 1987, 7, 1-7.	3.8	145
23	Tetramer-Guided Epitope Mapping: Rapid Identification and Characterization of Immunodominant CD4+ T Cell Epitopes from Complex Antigens. <i>Journal of Immunology</i> , 2001, 166, 6665-6670.	0.8	135
24	CD44 Costimulation Promotes FoxP3+ Regulatory T Cell Persistence and Function via Production of IL-2, IL-10, and TGF-β. <i>Journal of Immunology</i> , 2009, 183, 2232-2241.	0.8	134
25	Intact extracellular matrix and the maintenance of immune tolerance: high molecular weight hyaluronan promotes persistence of induced CD4+CD25+ regulatory T cells. <i>Journal of Leukocyte Biology</i> , 2009, 86, 567-572.	3.3	131
26	Identification and functional characterization of T cells reactive to citrullinated vimentin in HLA-DRB1*0401-positive humanized mice and rheumatoid arthritis patients. <i>Arthritis and Rheumatism</i> , 2011, 63, 2873-2883.	6.7	128
27	Hyaluronan and versican in the control of human T-lymphocyte adhesion and migration. <i>Matrix Biology</i> , 2012, 31, 90-100.	3.6	126
28	ECM components guide IL-10 producing regulatory T-cell (TR1) induction from effector memory T-cell precursors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 7938-7943.	7.1	122
29	HLA-DQ Tetramers Identify Epitope-Specific T Cells in Peripheral Blood of Herpes Simplex Virus Type 2-Infected Individuals: Direct Detection of Immunodominant Antigen-Responsive Cells. <i>Journal of Immunology</i> , 2000, 164, 4244-4249.	0.8	118
30	MHC Class II Tetramers. <i>Journal of Immunology</i> , 2012, 188, 2477-2482.	0.8	105
31	GAD65-Specific CD4+ T-Cells with High Antigen Avidity Are Prevalent in Peripheral Blood of Patients With Type 1 Diabetes. <i>Diabetes</i> , 2004, 53, 1987-1994.	0.6	100
32	Animal models of human type 1 diabetes. <i>Nature Immunology</i> , 2009, 10, 129-132.	14.5	100
33	Evidence for Molecular Mimicry between Human T Cell Epitopes in Rotavirus and Pancreatic Islet Autoantigens. <i>Journal of Immunology</i> , 2010, 184, 2204-2210.	0.8	100
34	Autoreactive CD8+ T cell exhaustion distinguishes subjects with slow type 1 diabetes progression. <i>Journal of Clinical Investigation</i> , 2019, 130, 480-490.	8.2	99
35	Recognition of HLA Class I-Restricted A-Cell Epitopes in Type 1 Diabetes. <i>Diabetes</i> , 2006, 55, 3068-3074.	0.6	95
36	Binding of outer surface protein A and human lymphocyte function-associated antigen 1 peptides to HLA-DR molecules associated with antibiotic treatment-resistant Lyme arthritis. <i>Arthritis and Rheumatism</i> , 2003, 48, 534-540.	6.7	94

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37	Investigating the HLA component in rheumatoid arthritis: An additive (dominant) mode of inheritance is rejected, a recessive mode is preferred. <i>Genetic Epidemiology</i> , 1991, 8, 153-175.	1.3	93
38	Analysis of T-Cell Assays to Measure Autoimmune Responses in Subjects With Type 1 Diabetes. <i>Diabetes</i> , 2006, 55, 2588-2594.	0.6	91
39	Six variants of HLA-1327 identified by isoelectric focusing. <i>Immunogenetics</i> , 1986, 23, 24-29.	2.4	90
40	Major Histocompatibility Complex-Directed Susceptibility to Rheumatoid Arthritis. <i>Advances in Immunology</i> , 1998, 68, 315-332.	2.2	89
41	Restoring the balance: immunotherapeutic combinations for autoimmune disease. <i>DMM Disease Models and Mechanisms</i> , 2014, 7, 503-513.	2.4	84
42	Identification of Novel HLA-A*0201-Restricted Epitopes in Recent-Onset Type 1 Diabetic Subjects and Antibody-Positive Relatives. <i>Diabetes</i> , 2006, 55, 3061-3067.	0.6	83
43	Characterization of a <i>Mycobacterium tuberculosis</i> Peptide That Is Recognized by Human CD4+ and CD8+ T Cells in the Context of Multiple HLA Alleles. <i>Journal of Immunology</i> , 2004, 173, 1966-1977.	0.8	82
44	GAD65- and proinsulin-specific CD4+ T-cells detected by MHC class II tetramers in peripheral blood of type 1 diabetes patients and at-risk subjects. <i>Journal of Autoimmunity</i> , 2005, 25, 235-243.	6.5	82
45	PREDICTION OF SUSCEPTIBILITY TO RHEUMATOID ARTHRITIS BY HUMAN LEUKOCYTE ANTIGEN GENOTYPING. <i>Rheumatic Disease Clinics of North America</i> , 1992, 18, 785-792.	1.9	79
46	Self-reactive human CD4 T cell clones form unusual immunological synapses. <i>Journal of Experimental Medicine</i> , 2012, 209, 335-352.	8.5	77
47	Recurrence of autoreactive antigen-specific CD4+ T cells in autoimmune diabetes after pancreas transplantation. <i>Clinical Immunology</i> , 2008, 128, 23-30.	3.2	75
48	HLA tetramer-based artificial antigen-presenting cells for stimulation of CD4+ T cells. <i>Clinical Immunology</i> , 2003, 106, 16-22.	3.2	70
49	HLA class II tetramers: Tools for direct analysis of antigen-specific CD4+ T cells. <i>Arthritis and Rheumatism</i> , 2002, 46, 5-12.	6.7	69
50	Th1 cytokines promote T-cell binding to antigen-presenting cells via enhanced hyaluronan production and accumulation at the immune synapse. <i>Cellular and Molecular Immunology</i> , 2010, 7, 211-220.	10.5	65
51	Beta cell-specific CD8+ T cells maintain stem cell memory-associated epigenetic programs during type 1 diabetes. <i>Nature Immunology</i> , 2020, 21, 578-587.	14.5	63
52	Activated human epitope-specific T cells identified by class II tetramers reside within a CD4 <sup>high</sup> , proliferating subset. <i>International Immunology</i> , 2001, 13, 799-806.	4.0	62
53	Low-avidity recognition by CD4+ T cells directed to self-antigens. <i>European Journal of Immunology</i> , 2003, 33, 1409-1417.	2.9	62
54	Single-Cell RNA Sequencing Reveals Expanded Clones of Islet Antigen-Reactive CD4+ T Cells in Peripheral Blood of Subjects with Type 1 Diabetes. <i>Journal of Immunology</i> , 2017, 199, 323-335.	0.8	62

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55	Distinct T Cell Interactions with HLA Class II Tetramers Characterize a Spectrum of TCR Affinities in the Human Antigen-Specific T Cell Response. <i>Journal of Immunology</i> , 2000, 165, 6994-6998.	0.8	61
56	Increased Frequencies of Myelin Oligodendrocyte Glycoprotein/MHC Class II-Binding CD4 Cells in Patients with Multiple Sclerosis. <i>Journal of Immunology</i> , 2011, 187, 1039-1046.	0.8	61
57	Synchronous immune alterations mirror clinical response during allergen immunotherapy. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1750-1760.e1.	2.9	61
58	MHC Class II tetramers and the pursuit of antigen-specific T cells: define, deviate, delete. <i>Clinical Immunology</i> , 2004, 110, 232-242.	3.2	59
59	Functional avidity directs T-cell fate in autoreactive CD4+ T cells. <i>Blood</i> , 2005, 106, 2798-2805.	1.4	59
60	High Affinity Presentation of an Autoantigenic Peptide in Type I Diabetes by an HLA Class II Protein Encoded in a Haplotype Protecting From Disease. <i>Journal of Autoimmunity</i> , 1997, 10, 375-386.	6.5	57
61	Differential presentation of group A streptococcal superantigens by HLA class II DQ and DR alleles. <i>European Journal of Immunology</i> , 2002, 32, 2570-2577.	2.9	57
62	Academic, Foundation, and Industry Collaboration in Finding New Therapies. <i>New England Journal of Medicine</i> , 2017, 376, 1762-1769.	27.0	57
63	Anti-cytokine therapies in T1D: Concepts and strategies. <i>Clinical Immunology</i> , 2013, 149, 279-285.	3.2	56
64	The Immune Tolerance Network at 10 years: tolerance research at the bedside. <i>Nature Reviews Immunology</i> , 2010, 10, 797-803.	22.7	55
65	CLASS II ANTIGENS AND DISEASE SUSCEPTIBILITY. <i>Annual Review of Medicine</i> , 1995, 46, 17-25.	12.2	54
66	Multiple Ia-like molecules characterize HLA-DR2-associated haplotypes which differ in HLA-D. <i>Human Immunology</i> , 1984, 10, 143-151.	2.4	52
67	Rapid epitope identification from complex class-II-restricted T-cell antigens. <i>Trends in Immunology</i> , 2001, 22, 583-588.	6.8	52
68	Association of tumor necrosis factor $\pm$ polymorphism, but not the shared epitope, with increased radiographic progression in a seropositive rheumatoid arthritis inception cohort. <i>Arthritis and Rheumatism</i> , 2006, 54, 1105-1116.	6.7	49
69	A Structural Model for TCR Recognition of the HLA Class II Shared Epitope Sequence Implicated in Susceptibility to Rheumatoid Arthritis. <i>Journal of Autoimmunity</i> , 1996, 9, 287-293.	6.5	47
70	Allelic Variation in Key Peptide-Binding Pockets Discriminates between Closely Related Diabetes-Protective and Diabetes-Susceptible HLA-DQB1*06 Alleles. <i>Journal of Immunology</i> , 2006, 176, 1988-1998.	0.8	47
71	Extensive Replicative Capacity of Human Central Memory T Cells. <i>Journal of Immunology</i> , 2004, 172, 6675-6683.	0.8	46
72	Abatacept Targets T Follicular Helper and Regulatory T Cells, Disrupting Molecular Pathways That Regulate Their Proliferation and Maintenance. <i>Journal of Immunology</i> , 2019, 202, 1373-1382.	0.8	46

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73	Detection of CD4+Autoreactive T Cells in T1D Using HLA Class II Tetramers. Annals of the New York Academy of Sciences, 2003, 1005, 82-87.	3.8	44
74	Differential Recognition and Activation Thresholds in Human Autoreactive GAD-Specific T-Cells. Diabetes, 2004, 53, 971-977.	0.6	44
75	Functional islet-specific Treg can be generated from CD4 <sup>+</sup> CD25 <sup>+</sup> T cells of healthy and type 1 diabetic subjects. European Journal of Immunology, 2009, 39, 612-620.	2.9	44
76	Interaction between RANKL and HLA-DRB1 genotypes may contribute to younger age at onset of seropositive rheumatoid arthritis in an inception cohort. Arthritis and Rheumatism, 2004, 50, 3093-3103.	6.7	42
77	HLA-DR antigens on lymphoid cells differ from those on myeloid cells. Nature, 1983, 305, 541-543.	27.8	41
78	Exon-specific oligonucleotide probes localize HLA-DQ ? allelic polymorphisms. Immunogenetics, 1986, 24, 251-258.	2.4	41
79	DRB1*0401-restricted human T cell clone specific for the major proinsulin73-90 epitope expresses a down-regulatory T helper 2 phenotype. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 11683-11688.	7.1	40
80	The Toll-Like Receptor Signaling Molecule Myd88 Contributes to Pancreatic Beta-Cell Homeostasis in Response to Injury. PLoS ONE, 2009, 4, e5063.	2.5	39
81	Î²57-Asp Plays an Essential Role in the Unique SDS Stability of HLA-DQA1*0102/DQB1*0602 Î±Î² Protein Dimer, the Class II MHC Allele Associated with Protection from Insulin-Dependent Diabetes Mellitus. Journal of Immunology, 2000, 165, 3232-3238.	0.8	37
82	Genetics of rheumatoid arthritis: is there a scientific explanation for the human leukocyte antigen association?. Current Opinion in Rheumatology, 2002, 14, 254-259.	4.3	37
83	Exhausted-like CD8+ T cell phenotypes linked to C-peptide preservation in alefacept-treated T1D subjects. JCI Insight, 2021, 6, .	5.0	37
84	Reversal of Diabetes in Mice with a Bioengineered Islet Implant Incorporating a Type I Collagen Hydrogel and Sustained Release of Vascular Endothelial Growth Factor. Cell Transplantation, 2012, 21, 2099-2110.	2.5	36
85	A functional RANKL polymorphism associated with younger age at onset of rheumatoid arthritis. Arthritis and Rheumatism, 2010, 62, 2864-2875.	6.7	35
86	Low HERV-K(C4) Copy Number Is Associated With Type 1 Diabetes. Diabetes, 2014, 63, 1789-1795.	0.6	34
87	A Preclinical Consortium Approach for Assessing the Efficacy of Combined Anti-CD3 Plus IL-1 Blockade in Reversing New-Onset Autoimmune Diabetes in NOD Mice. Diabetes, 2016, 65, 1310-1316.	0.6	34
88	Human homologues of a Borrelia T cell epitope associated with antibiotic-refractory Lyme arthritis. Molecular Immunology, 2008, 45, 180-189.	2.2	33
89	Transient B-Cell Depletion with Anti-CD20 in Combination with Proinsulin DNA Vaccine or Oral Insulin: Immunologic Effects and Efficacy in NOD Mice. PLoS ONE, 2013, 8, e54712.	2.5	33
90	Searching for borrelial T cell epitopes associated with antibiotic-refractory Lyme arthritis. Molecular Immunology, 2008, 45, 2323-2332.	2.2	32

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91	On-Chip Activation and Subsequent Detection of Individual Antigen-Specific T Cells. <i>Analytical Chemistry</i> , 2010, 82, 473-477.	6.5	32
92	Further DNA sequence microheterogeneity of the HLA-DR4/Dw13 haplotype group: Importance of amino acid position 86 of the DR $\beta$ 1 chain for T-cell recognition. <i>Human Immunology</i> , 1990, 27, 378-389.	2.4	30
93	Gene therapy in the treatment of autoimmune diseases. <i>Journal of Clinical Investigation</i> , 2000, 106, 181-183.	8.2	30
94	Increased frequency of HLA class II alleles DRB1 $\alpha$ -0301 and DQB1 $\alpha$ -0201 in Lambert-Eaton myasthenic syndrome without associated cancer. <i>Human Immunology</i> , 2000, 61, 828-833.	2.4	29
95	Therapy of autoimmune diseases: clinical trials and new biologics. <i>Current Opinion in Immunology</i> , 2002, 14, 812-815.	5.5	29
96	Remodeling rodent models to mimic human type 1 diabetes. <i>European Journal of Immunology</i> , 2009, 39, 2049-2054.	2.9	29
97	THE ROLE OF THE DR4 SHARED EPITOPE IN SELECTION AND COMMITMENT OF AUTOACTIVE T CELLS IN RHEUMATOID ARTHRITIS. <i>Rheumatic Disease Clinics of North America</i> , 2001, 27, 305-315.	1.9	28
98	Decline in the Frequencies of <i>Borrelia burgdorferi</i> OspA161 $\alpha$ -175-Specific T Cells after Antibiotic Therapy in HLA-DRB1*0401-Positive Patients with Antibiotic-Responsive or Antibiotic-Refractory Lyme Arthritis. <i>Journal of Immunology</i> , 2007, 179, 6336-6342.	0.8	28
99	Changes in autoreactive T cell avidity during type 1 diabetes development. <i>Clinical Immunology</i> , 2009, 132, 312-320.	3.2	28
100	Rebranding asymptomatic type 1 diabetes: the case for autoimmune beta cell disorder as a pathological and diagnostic entity. <i>Diabetologia</i> , 2017, 60, 35-38.	6.3	28
101	Electrophoretic variation between class II molecules expressed on HLA-DRw8 homozygous typing cells reveals multiple distinct haplotypes. <i>Immunogenetics</i> , 1985, 21, 49-60.	2.4	27
102	Differential Antigen Sensitivity and Costimulatory Requirements in Human Th1 and Th2 Antigen-Specific CD4+ Cells with Similar TCR Avidity. <i>Journal of Immunology</i> , 2003, 170, 1218-1223.	0.8	27
103	Alteration of Cellular and Humoral Immunity by Mutant p53 Protein and Processed Mutant Peptide in Head and Neck Cancer. <i>Clinical Cancer Research</i> , 2007, 13, 7199-7206.	7.0	27
104	Antigen-Specific CD4+ T Cells Recognize Epitopes of Protective Antigen following Vaccination with an Anthrax Vaccine. <i>Infection and Immunity</i> , 2007, 75, 1852-1860.	2.2	27
105	HLA and type I diabetes. <i>Trends in Immunology</i> , 1990, 11, 314-315.	7.5	26
106	Glutamic acid decarboxylase and other autoantigens in IDDM. <i>Current Opinion in Immunology</i> , 1995, 7, 825-830.	5.5	26
107	Autoreactive human T-cell receptor initiates insulinitis and impaired glucose tolerance in HLA DR4 transgenic mice. <i>Journal of Autoimmunity</i> , 2008, 30, 197-206.	6.5	26
108	Use of T cell receptor/HLA-DRB1*04 molecular modeling to predict site-specific interactions for the DR shared epitope associated with rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 1997, 40, 1316-1326.	6.7	26



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109	Targeting T Lymphocytes for Immune Monitoring and Intervention in Autoimmune Diabetes. <i>American Journal of Therapeutics</i> , 2005, 12, 534-550.	0.9	24
110	Defining antigen-specific responses with human MHC class II tetramers. <i>Journal of Allergy and Clinical Immunology</i> , 2002, 110, 199-208.	2.9	23
111	A real-time PCR approach for rapid high resolution subtyping of HLA-DRB1*04. <i>Journal of Immunological Methods</i> , 2006, 317, 64-70.	1.4	23
112	Challenges in the pursuit of immune tolerance. <i>Immunological Reviews</i> , 2011, 241, 49-62.	6.0	23
113	Adult-onset type 1 diabetes patients display decreased IGRP-specific Tr1 cells in blood. <i>Clinical Immunology</i> , 2015, 161, 270-277.	3.2	23
114	Correlation Among Hypoglycemia, Glycemic Variability, and C-Peptide Preservation After Alefacept Therapy in Patients with Type 1 Diabetes Mellitus: Analysis of Data from the Immune Tolerance Network T1DAL Trial. <i>Clinical Therapeutics</i> , 2016, 38, 1327-1339.	2.5	23
115	Molecular analysis of DQ*3.1 genes. <i>Human Immunology</i> , 1988, 21, 183-192.	2.4	22
116	Modulation of T cell response to hGAD65 peptide epitopes. <i>Tissue Antigens</i> , 2002, 59, 101-112.	1.0	21
117	A Contra Capture Protein Array Platform for Studying Post-translationally Modified (PTM) Auto-antigenomes. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 2324-2337.	3.8	21
118	Anti-idiotypic antibodies and the induction of specific tumor immunity. <i>Cancer and Metastasis Reviews</i> , 1987, 6, 489-502.	5.9	20
119	T Cell Selection and Differential Activation on Structurally Related HLA-DR4 Ligands. <i>Journal of Immunology</i> , 2001, 167, 3250-3256.	0.8	20
120	Mutational analysis of critical residues determining antigen presentation and activation of HLA-DQ0602 restricted T-cell clones. <i>Human Immunology</i> , 2002, 63, 185-193.	2.4	20
121	Antigen-Specific T Cell Analysis Reveals That Active Immune Responses to $\beta$ Cell Antigens Are Focused on a Unique Set of Epitopes. <i>Journal of Immunology</i> , 2017, 199, 91-96.	0.8	20
122	Uncovering Pathways to Personalized Therapies in Type 1 Diabetes. <i>Diabetes</i> , 2021, 70, 831-841.	0.6	20
123	The Effects of Variations in Human Immune-Response Genes. <i>New England Journal of Medicine</i> , 1989, 321, 751-752.	27.0	19
124	Analysis of overlapping T- and B-Cell antigenic sites on rubella virus E1 envelope protein influence of HLA-DR4 polymorphism on T-cell clonal recognition. <i>Human Immunology</i> , 1994, 39, 177-187.	2.4	19
125	Genetic and Immunological Markers of Insulin Dependent Diabetes in Black Americans. <i>Autoimmunity</i> , 1995, 22, 27-32.	2.6	19
126	Allelic variation in transcription modulates MHC class II expression and function. <i>Microbes and Infection</i> , 1999, 1, 919-927.	1.9	19



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127	Restricted Autoantigen Recognition Associated with Deletional and Adaptive Regulatory Mechanisms. <i>Journal of Immunology</i> , 2009, 183, 59-65.	0.8	19
128	Short-term IL-1 $\beta$ blockade reduces monocyte CD11b integrin expression in an IL-8 dependent fashion in patients with type 1 diabetes. <i>Clinical Immunology</i> , 2010, 136, 170-173.	3.2	19
129	T-cell receptor V $\beta$ 2 selectivity in T-cell clones alloreactive to HLA-Dw14. <i>Human Immunology</i> , 1992, 33, 57-64.	2.4	18
130	Obstacles and opportunities for targeting the effector T cell response in type 1 diabetes. <i>Journal of Autoimmunity</i> , 2016, 71, 44-50.	6.5	18
131	Sequence analysis of HLA class II domains: characterization of the DQw3 family of DQB genes. <i>Immunogenetics</i> , 1989, 29, 186-190.	2.4	17
132	SELECTIVE T-CELL-RECEPTOR GENE USAGE IN ALLORECOGNITION AND GRAFT-VERSUS-HOST DISEASE. <i>Transplantation</i> , 1993, 55, 1167-1175.	1.0	17
133	Polyplot and polymorphism. An HLA update. <i>Arthritis and Rheumatism</i> , 1995, 38, 1715-1721.	6.7	16
134	Characterization of the HLA-restrictive elements of a rubella virus-specific cytotoxic T cell clone: influence of HLA-DR4 $\beta$ 2 chain residue 74 polymorphism on antigenic peptide-T cell interaction. <i>International Immunology</i> , 1996, 8, 1577-1586.	4.0	16
135	Promiscuous T-Cell Recognition of a Rubella Capsid Protein Epitope Restricted by DRB1 $\alpha$ -0403 and DRB1 $\alpha$ -0901 Molecules Sharing an HLA DR Supertype. <i>Human Immunology</i> , 1998, 59, 149-157.	2.4	16
136	Determinants of genetic susceptibility in HLA-associated autoimmune disease. <i>Clinical Immunology and Immunopathology</i> , 1989, 53, S53-S62.	2.0	15
137	Recognition of altered self major histocompatibility complex molecules modulated by specific peptide interactions. <i>European Journal of Immunology</i> , 1996, 26, 949-952.	2.9	15
138	Tetramer Analysis of Human Autoreactive CD4 $\alpha$ Positive T Cells. <i>Advances in Immunology</i> , 2005, 88, 51-71.	2.2	15
139	Discriminative T cell recognition of cross-reactive islet-antigens is associated with HLA-DQ8 transdimer $\alpha$ -mediated autoimmune diabetes. <i>Science Advances</i> , 2019, 5, eaaw9336.	10.3	15
140	A composite immune signature parallels disease progression across T1D subjects. <i>JCI Insight</i> , 2019, 4, .	5.0	15
141	Immune-Directed Therapy for Type 1 Diabetes at the Clinical Level: The Immune Tolerance Network (ITN) Experience. <i>Review of Diabetic Studies</i> , 2012, 9, 359-371.	1.3	15
142	Structural variation among major histocompatibility complex class-II genes which predispose to autoimmunity. <i>Immunologic Research</i> , 1989, 8, 16-38.	2.9	14
143	Ultrastructural allelic variation in HLA-DQB1 promoter elements. <i>Human Immunology</i> , 1995, 43, 251-258.	2.4	14
144	MHC multimers: expanding the clinical toolkit. <i>Clinical Immunology</i> , 2003, 106, 1-4.	3.2	14

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145	Age-dependent loss of tolerance to an immunodominant epitope of glutamic acid decarboxylase in diabetic-prone RIP-B7/DR4 mice. <i>Clinical Immunology</i> , 2006, 121, 294-304.	3.2	14
146	Characterization of effector functions of human peptide-specific CD4+ T-cell clones for an intracellular pathogen. <i>Human Immunology</i> , 2008, 69, 475-483.	2.4	14
147	Antigen-specific immunomodulation for type 1 diabetes by novel recombinant antibodies directed against diabetes-associated auto-reactive T cell epitope. <i>Journal of Autoimmunity</i> , 2013, 47, 83-93.	6.5	14
148	Autoreactive T cell receptors with shared germline-like $\hat{\pm}$ chains in type 1 diabetes. <i>JCI Insight</i> , 2021, 6, .	5.0	14
149	DQw3 variants defined by cloned alloreactive T cells. <i>Human Immunology</i> , 1988, 21, 63-73.	2.4	13
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