

Evan W Newell

List of Publications by Year in descending order

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Version: 2024-02-01

150
papers

19,101
citations

18465

62
h-index

15249

126
g-index

178
all docs

178
docs citations

178
times ranked

31099
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-cell immunology of SARS-CoV-2 infection. <i>Nature Biotechnology</i> , 2022, 40, 30-41.	9.4	78
2	Bystander CD4 ⁺ T cells infiltrate human tumors and are phenotypically distinct. <i>OncImmunology</i> , 2022, 11, .	2.1	13
3	Neoantigen-specific CD4 ⁺ T cells in human melanoma have diverse differentiation states and correlate with CD8 ⁺ T cell, macrophage, and B cell function. <i>Cancer Cell</i> , 2022, 40, 393-409.e9.	7.7	59
4	NY-ESO-1-specific redirected T cells with endogenous TCR knockdown mediate tumor response and cytokine release syndrome. , 2022, 10, e003811.		26
5	SARS-CoV-2-specific CD8 ⁺ T cell responses in convalescent COVID-19 individuals. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	213
6	Immune cell phenotypes associated with disease severity and long-term neutralizing antibody titers after natural dengue virus infection. <i>Cell Reports Medicine</i> , 2021, 2, 100278.	3.3	19
7	CMV exposure drives long-term CD57 ⁺ CD4 ⁺ memory T-cell inflation following allogeneic stem cell transplant. <i>Blood</i> , 2021, 138, 2874-2885.	0.6	16
8	Characterization of neoantigen-specific T cells in cancer resistant to immune checkpoint therapies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	30
9	Protracted yet Coordinated Differentiation of Long-Lived SARS-CoV-2-Specific CD8 ⁺ T Cells during Convalescence. <i>Journal of Immunology</i> , 2021, 207, 1344-1356.	0.4	14
10	Non-terminally exhausted tumor-resident memory HBV-specific T cell responses correlate with relapse-free survival in hepatocellular carcinoma. <i>Immunity</i> , 2021, 54, 1825-1840.e7.	6.6	64
11	Intratumoral CD39 ⁺ CD8 ⁺ T Cells Predict Response to Programmed Cell Death Protein-1 or Programmed Death Ligand-1 Blockade in Patients With NSCLC. <i>Journal of Thoracic Oncology</i> , 2021, 16, 1349-1358.	0.5	48
12	A subset of Kupffer cells regulates metabolism through the expression of CD36. <i>Immunity</i> , 2021, 54, 2101-2116.e6.	6.6	99
13	High-throughput single-cell quantification of hundreds of proteins using conventional flow cytometry and machine learning. <i>Science Advances</i> , 2021, 7, eabg0505.	4.7	39
14	Unique challenges for glioblastoma immunotherapy—discussions across neuro-oncology and non-neuro-oncology experts in cancer immunology. Meeting Report from the 2019 SNO Immuno-Oncology Think Tank. <i>Neuro-Oncology</i> , 2021, 23, 356-375.	0.6	59
15	Gut-Evolved <i>Candida albicans</i> Induces Metabolic Changes in Neutrophils. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 743735.	1.8	4
16	Liver fibrosis and CD206 ⁺ macrophage accumulation are suppressed by anti-GM-CSF therapy. <i>JHEP Reports</i> , 2020, 2, 100062.	2.6	42
17	T-cell phenotyping uncovers systemic features of atopic dermatitis and psoriasis. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 1021-1025.e15.	1.5	13
18	Metformin enhances anti-mycobacterial responses by educating CD8 ⁺ T-cell immunometabolic circuits. <i>Nature Communications</i> , 2020, 11, 5225.	5.8	40

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19	Ontogeny of different subsets of yellow fever virus-specific circulatory CXCR5+ CD4+ T cells after yellow fever vaccination. <i>Scientific Reports</i> , 2020, 10, 15686.	1.6	6
20	Two subsets of stem-like CD8+ memory T cell progenitors with distinct fate commitments in humans. <i>Nature Immunology</i> , 2020, 21, 1552-1562.	7.0	167
21	Human Tumor-Infiltrating MAIT Cells Display Hallmarks of Bacterial Antigen Recognition in Colorectal Cancer. <i>Cell Reports Medicine</i> , 2020, 1, 100039.	3.3	32
22	Immunohistochemical scoring of CD38 in the tumor microenvironment predicts responsiveness to anti-PD-1/PD-L1 immunotherapy in hepatocellular carcinoma. , 2020, 8, e000987.		70
23	High-Dimensional Characterization of the Systemic Immune Landscape Informs on Synergism Between Radiation Therapy and Immune Checkpoint Blockade. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 108, 70-80.	0.4	3
24	Combinatorial Single-Cell Analyses of Granulocyte-Monocyte Progenitor Heterogeneity Reveals an Early Uni-potent Neutrophil Progenitor. <i>Immunity</i> , 2020, 53, 303-318.e5.	6.6	153
25	Engineered niches support the development of human dendritic cells in humanized mice. <i>Nature Communications</i> , 2020, 11, 2054.	5.8	21
26	A Targeted Multi-omic Analysis Approach Measures Protein Expression and Low-Abundance Transcripts on the Single-Cell Level. <i>Cell Reports</i> , 2020, 31, 107499.	2.9	80
27	Hepatocellular Carcinoma Cells Up-regulate PVRL1, Stabilizing PVR and Inhibiting the Cytotoxic T-Cell Response via TIGIT to Mediate Tumor Resistance to PD1 Inhibitors in Mice. <i>Gastroenterology</i> , 2020, 159, 609-623.	0.6	100
28	Circulating CD1c+ myeloid dendritic cells are potential precursors to LCH lesion CD1a+CD207+ cells. <i>Blood Advances</i> , 2020, 4, 87-99.	2.5	25
29	Effects of Hepatitis B Surface Antigen on Virus-Specific and Global T Cells in Patients With Chronic Hepatitis B Virus infection. <i>Gastroenterology</i> , 2020, 159, 652-664.	0.6	102
30	Partial absence of PD-1 expression by tumor-infiltrating EBV-specific CD8 ⁺ T cells in EBV-driven lymphoepithelioma-like carcinoma. <i>Clinical and Translational Immunology</i> , 2020, 9, e1175.	1.7	7
31	Kupffer Cell Characterization by Mass Cytometry. <i>Methods in Molecular Biology</i> , 2020, 2164, 87-99.	0.4	2
32	Reverse-engineering flow-cytometry gating strategies for phenotypic labelling and high-performance cell sorting. <i>Bioinformatics</i> , 2019, 35, 301-308.	1.8	22
33	PS-141-CyTOF-based immune monitoring of HBV-HCC patients receiving autologous anti-tumour T-cell therapy. <i>Journal of Hepatology</i> , 2019, 70, e89-e90.	1.8	0
34	A Novel, Five-Marker Alternative to CD16 ⁺ CD14 Gating to Identify the Three Human Monocyte Subsets. <i>Frontiers in Immunology</i> , 2019, 10, 1761.	2.2	77
35	Single-Cell Analysis of Human Mononuclear Phagocytes Reveals Subset-Defining Markers and Identifies Circulating Inflammatory Dendritic Cells. <i>Immunity</i> , 2019, 51, 573-589.e8.	6.6	336
36	Late-differentiated effector neoantigen-specific CD8+ T cells are enriched in peripheral blood of non-small cell lung carcinoma patients responding to atezolizumab treatment. , 2019, 7, 249.		61

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37	Lung endothelial cell antigen cross-presentation to CD8+T cells drives malaria-associated lung injury. Nature Communications, 2019, 10, 4241.	5.8	36
38	Plasmacytoid dendritic cells develop from Ly6D+ lymphoid progenitors distinct from the myeloid lineage. Nature Immunology, 2019, 20, 852-864.	7.0	162
39	Mutating chikungunya virus non-structural protein produces potent live-attenuated vaccine candidate. EMBO Molecular Medicine, 2019, 11, .	3.3	23
40	Multiplex MHC Class I Tetramer Combined with Intranuclear Staining by Mass Cytometry. Methods in Molecular Biology, 2019, 1989, 147-158.	0.4	8
41	A Subset of Type I Conventional Dendritic Cells Controls Cutaneous Bacterial Infections through VEGF±-Mediated Recruitment of Neutrophils. Immunity, 2019, 50, 1069-1083.e8.	6.6	50
42	Multifactorial heterogeneity of virus-specific T cells and association with the progression of human chronic hepatitis B infection. Science Immunology, 2019, 4, .	5.6	57
43	Prognostic value of CD8+PD-1+ immune infiltrates and PDCD1 gene expression in triple negative breast cancer. , 2019, 7, 34.		75
44	Metformin Alters Human Host Responses to Mycobacterium tuberculosis in Healthy Subjects. Journal of Infectious Diseases, 2019, 220, 139-150.	1.9	78
45	Large-Scale HLA Tetramer Tracking of T Cells during Dengue Infection Reveals Broad Acute Activation and Differentiation into Two Memory Cell Fates. Immunity, 2019, 51, 1119-1135.e5.	6.6	35
46	Differential control of human Treg and effector T cells in tumor immunity by Fc-engineered anti-CTLA-4 antibody. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 609-618.	3.3	141
47	Mapping of T ³ T cells reveals T ² T cells resistance to senescence. EBioMedicine, 2019, 39, 44-58.	2.7	54
48	Dimensionality reduction for visualizing single-cell data using UMAP. Nature Biotechnology, 2019, 37, 38-44.	9.4	3,254
49	The role of high-dimensional profiling of the systemic immune response on optimal sequencing of radiotherapy (RT) and immune checkpoint blockade (ICB).. Journal of Clinical Oncology, 2019, 37, 13-13.	0.8	0
50	Immune profiling of tumor-infiltrating T cells using mass cytometry.. Journal of Clinical Oncology, 2019, 37, 2607-2607.	0.8	1
51	Abstract 527: High-dimensional profiling of the systemic immune response informs on optimal sequencing of radiotherapy (RT) and immune checkpoint blockade (ICB). , 2019, , .		0
52	Abstract 4054: Mass cytometry approaches to biomarker discovery via high-dimensional antigen-specific T cell identification and profiling. , 2019, , .		0
53	Abstract 4055: Late-differentiated effector neoantigen-specific CD8+ T cells are enriched in non-small cell lung cancer patients responding to atezolizumab treatment. , 2019, , .		0
54	Developmental Analysis of Bone Marrow Neutrophils Reveals Populations Specialized in Expansion, Trafficking, and Effector Functions. Immunity, 2018, 48, 364-379.e8.	6.6	450

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55	The impact of ischemia-reperfusion injuries on skin resident murine dendritic cells. <i>European Journal of Immunology</i> , 2018, 48, 1014-1019.	1.6	9
56	Mass cytometry: a powerful tool for dissecting the immune landscape. <i>Current Opinion in Immunology</i> , 2018, 51, 187-196.	2.4	80
57	MAIT cell clonal expansion and TCR repertoire shaping in human volunteers challenged with <i>Salmonella Paratyphi</i> A. <i>Nature Communications</i> , 2018, 9, 253.	5.8	107
58	High-Dimensional Profiling of Tumor-Specific Immune Responses: Asking T Cells about What They "See" in Cancer. <i>Cancer Immunology Research</i> , 2018, 6, 2-9.	1.6	15
59	Activation of the Receptor Tyrosine Kinase AXL Regulates the Immune Microenvironment in Glioblastoma. <i>Cancer Research</i> , 2018, 78, 3002-3013.	0.4	122
60	Multiplex peptide-MHC tetramer staining using mass cytometry for deep analysis of the influenza-specific T-cell response in mice. <i>Journal of Immunological Methods</i> , 2018, 453, 30-36.	0.6	13
61	Dissecting human ILC heterogeneity: more than just three subsets. <i>Immunology</i> , 2018, 153, 297-303.	2.0	55
62	PD-1 blockade partially recovers dysfunctional virus-specific B cells in chronic hepatitis B infection. <i>Journal of Clinical Investigation</i> , 2018, 128, 4573-4587.	3.9	188
63	Organ-Specific Fate, Recruitment, and Refilling Dynamics of Tissue-Resident Macrophages during Blood-Stage Malaria. <i>Cell Reports</i> , 2018, 25, 3099-3109.e3.	2.9	47
64	High-Dimensional Analysis Delineates Myeloid and Lymphoid Compartment Remodeling during Successful Immune-Checkpoint Cancer Therapy. <i>Cell</i> , 2018, 175, 1014-1030.e19.	13.5	292
65	An integrated automated multispectral imaging technique that simultaneously detects and quantitates viral RNA and immune cell protein markers in fixed sections from Epstein-Barr virus-related tumours. <i>Annals of Diagnostic Pathology</i> , 2018, 37, 12-19.	0.6	20
66	Epigenomic-Guided Mass Cytometry Profiling Reveals Disease-Specific Features of Exhausted CD8 ⁺ T Cells. <i>Immunity</i> , 2018, 48, 1029-1045.e5.	6.6	250
67	Bystander CD8 ⁺ T cells are abundant and phenotypically distinct in human tumour infiltrates. <i>Nature</i> , 2018, 557, 575-579.	13.7	942
68	Dynamics of helper CD4 T cells during acute and stable allergic asthma. <i>Mucosal Immunology</i> , 2018, 11, 1640-1652.	2.7	15
69	CD161 Defines a Functionally Distinct Subset of Pro-Inflammatory Natural Killer Cells. <i>Frontiers in Immunology</i> , 2018, 9, 486.	2.2	91
70	Adaptive NKG2C ⁺ CD57 ⁺ Natural Killer Cell and Tim-3 Expression During Viral Infections. <i>Frontiers in Immunology</i> , 2018, 9, 686.	2.2	41
71	Characterization of a candidate tetravalent vaccine based on 2'-O-methyltransferase mutants. <i>PLoS ONE</i> , 2018, 13, e0189262.	1.1	7
72	Clonal analysis of <i>Salmonella</i> -specific effector T cells reveals serovar-specific and cross-reactive T cell responses. <i>Nature Immunology</i> , 2018, 19, 742-754.	7.0	27

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73	Hepatitis B virus-specific T cells associate with viral control upon nucleos(t)ide-analogue therapy discontinuation. <i>Journal of Clinical Investigation</i> , 2018, 128, 668-681.	3.9	167
74	RNA-Seq analyses of immune cell-type enrichments in 158 Asian colorectal cancers (CRCs).. <i>Journal of Clinical Oncology</i> , 2018, 36, e15597-e15597.	0.8	1
75	A phase II open-label, single-centre, non-randomized trial of Y90 transarterial radioembolization in combination with nivolumab in Asian patients with intermediate stage hepatocellular carcinoma: An immunological study of radioembolization in combination with anti-PD1 therapy in HCC.. <i>Journal of Clinical Oncology</i> , 2018, 36, TPS542-TPS542.	0.8	7
76	Cytotoxic CD4+ Cells in Chronic Lymphocytic Leukaemia: An Extended Immunophenotypic Analysis Examining Their Association with Cytomegalovirus Serostatus and Similarities with Cytotoxic CD8+ Cells. <i>Blood</i> , 2018, 132, 3130-3130.	0.6	0
77	T-Cell Receptor (TCR) Clonotype-Specific Differences in Inhibitory Activity of HIV-1 Cytotoxic T-Cell Clones Is Not Mediated by TCR Alone. <i>Journal of Virology</i> , 2017, 91, .	1.5	11
78	Toward Meaningful Definitions of Innate-Lymphoid-Cell Subsets. <i>Immunity</i> , 2017, 46, 760-761.	6.6	29
79	Intrahepatic CD206+ macrophages contribute to inflammation in advanced viral-related liver disease. <i>Journal of Hepatology</i> , 2017, 67, 490-500.	1.8	55
80	Mapping the human DC lineage through the integration of high-dimensional techniques. <i>Science</i> , 2017, 356, .	6.0	429
81	Human fetal dendritic cells promote prenatal T-cell immune suppression through arginase-2. <i>Nature</i> , 2017, 546, 662-666.	13.7	199
82	Host sirtuin 1 regulates mycobacterial immunopathogenesis and represents a therapeutic target against tuberculosis. <i>Science Immunology</i> , 2017, 2, .	5.6	104
83	Establishing High Dimensional Immune Signatures from Peripheral Blood via Mass Cytometry in a Discovery Cohort of Stage IV Melanoma Patients. <i>Journal of Immunology</i> , 2017, 198, 927-936.	0.4	33
84	Human Innate Lymphoid Cell Subsets Possess Tissue-Type Based Heterogeneity in Phenotype and Frequency. <i>Immunity</i> , 2017, 46, 148-161.	6.6	380
85	Determining T-cell specificity to understand and treat disease. <i>Nature Biomedical Engineering</i> , 2017, 1, 784-795.	11.6	10
86	Checkpoint blockade immunotherapy reshapes the high-dimensional phenotypic heterogeneity of murine intratumoural neoantigen-specific CD8+ T cells. <i>Nature Communications</i> , 2017, 8, 562.	5.8	101
87	Induced-Pluripotent-Stem-Cell-Derived Primitive Macrophages Provide a Platform for Modeling Tissue-Resident Macrophage Differentiation and Function. <i>Immunity</i> , 2017, 47, 183-198.e6.	6.6	245
88	Optimization of mass cytometry sample cryopreservation after staining. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2017, 91, 48-61.	1.1	43
89	Cellular Differentiation of Human Monocytes Is Regulated by Time-Dependent Interleukin-4 Signaling and the Transcriptional Regulator NCOR2. <i>Immunity</i> , 2017, 47, 1051-1066.e12.	6.6	133
90	Deep Sequencing in Infectious Diseases: Immune and Pathogen Repertoires for the Improvement of Patient Outcomes. <i>Frontiers in Immunology</i> , 2017, 8, 593.	2.2	8

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91	Immune Checkpoint Function of CD85j in CD8 T Cell Differentiation and Aging. <i>Frontiers in Immunology</i> , 2017, 8, 692.	2.2	31
92	Deep Profiling Human T Cell Heterogeneity by Mass Cytometry. <i>Advances in Immunology</i> , 2016, 131, 101-134.	1.1	17
93	A High-Dimensional Atlas of Human T Cell Diversity Reveals Tissue-Specific Trafficking and Cytokine Signatures. <i>Immunity</i> , 2016, 45, 442-456.	6.6	232
94	Unsupervised High-Dimensional Analysis Aligns Dendritic Cells across Tissues and Species. <i>Immunity</i> , 2016, 45, 669-684.	6.6	683
95	Novel therapeutic targets on the horizon for lung cancer. <i>Lancet Oncology</i> , The, 2016, 17, e347-e362.	5.1	156
96	Mass cytometry: blessed with the curse of dimensionality. <i>Nature Immunology</i> , 2016, 17, 890-895.	7.0	104
97	Categorical Analysis of Human T Cell Heterogeneity with One-Dimensional Soli-Expression by Nonlinear Stochastic Embedding. <i>Journal of Immunology</i> , 2016, 196, 924-932.	0.4	65
98	Innate Lymphoid Cells Are Depleted Irreversibly during Acute HIV-1 Infection in the Absence of Viral Suppression. <i>Immunity</i> , 2016, 44, 391-405.	6.6	125
99	CD161 ^{int} CD8 ⁺ T cells: a novel population of highly functional, memory CD8 ⁺ T cells enriched within the gut. <i>Mucosal Immunology</i> , 2016, 9, 401-413.	2.7	121
100	High-dimensional immune profiling of total and rotavirus VP6-specific intestinal and circulating B cells by mass cytometry. <i>Mucosal Immunology</i> , 2016, 9, 68-82.	2.7	38
101	Cytofkit: A Bioconductor Package for an Integrated Mass Cytometry Data Analysis Pipeline. <i>PLoS Computational Biology</i> , 2016, 12, e1005112.	1.5	302
102	Abstract IA25: Identifying and profiling tumor specific T cells using mass cytometry and highly multiplexed peptide-MHC tetramer staining., 2016, , .		0
103	Clonal Deletion Prunes but Does Not Eliminate Self-Specific $\hat{\pm}\hat{2}$ CD8 ⁺ T Lymphocytes. <i>Immunity</i> , 2015, 42, 929-941.	6.6	248
104	Identification of cDC1- and cDC2-committed DC progenitors reveals early lineage priming at the common DC progenitor stage in the bone marrow. <i>Nature Immunology</i> , 2015, 16, 718-728.	7.0	475
105	Adenoviral Vector Vaccination Induces a Conserved Program of CD8 ⁺ T Cell Memory Differentiation in Mouse and Man. <i>Cell Reports</i> , 2015, 13, 1578-1588.	2.9	56
106	Tetramers reveal IL-17 ^{â€} secreting CD4 ⁺ T cells that are specific for U1-70 in lupus and mixed connective tissue disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 3044-3049.	3.3	22
107	<i>mir-181a-1/b-1</i> Modulates Tolerance through Opposing Activities in Selection and Peripheral T Cell Function. <i>Journal of Immunology</i> , 2015, 195, 1470-1479.	0.4	43
108	Mapping the Diversity of Follicular Helper T Cells in Human Blood and Tonsils Using High-Dimensional Mass Cytometry Analysis. <i>Cell Reports</i> , 2015, 11, 1822-1833.	2.9	140

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109	Multiparameter Phenotyping of Human PBMCs Using Mass Cytometry. <i>Methods in Molecular Biology</i> , 2015, 1343, 81-95.	0.4	91
110	CD103+ Dendritic Cells Control Th17 Cell Function in the Lung. <i>Cell Reports</i> , 2015, 12, 1789-1801.	2.9	89
111	Multiplexed Peptide-MHC Tetramer Staining with Mass Cytometry. <i>Methods in Molecular Biology</i> , 2015, 1346, 115-131.	0.4	13
112	CD161 Defines a Transcriptional and Functional Phenotype across Distinct Human T Cell Lineages. <i>Cell Reports</i> , 2014, 9, 1075-1088.	2.9	264
113	A human vaccine strategy based on chimpanzee adenoviral and MVA vectors that primes, boosts, and sustains functional HCV-specific T cell memory. <i>Science Translational Medicine</i> , 2014, 6, 261ra153.	5.8	297
114	OpenCyto: An Open Source Infrastructure for Scalable, Robust, Reproducible, and Automated, End-to-End Flow Cytometry Data Analysis. <i>PLoS Computational Biology</i> , 2014, 10, e1003806.	1.5	185
115	Parallel T-cell cloning and deep sequencing of human MAIT cells reveal stable oligoclonal TCR β^2 repertoire. <i>Nature Communications</i> , 2014, 5, 3866.	5.8	267
116	Beyond model antigens: high-dimensional methods for the analysis of antigen-specific T cells. <i>Nature Biotechnology</i> , 2014, 32, 149-157.	9.4	135
117	High-dimensional analysis of the murine myeloid cell system. <i>Nature Immunology</i> , 2014, 15, 1181-1189.	7.0	349
118	Mass Cytometry Analysis of Human T Cell Phenotype and Function. <i>Methods in Molecular Biology</i> , 2014, 1193, 55-68.	0.4	3
119	Regulation of hERG and hEAG Channels by Src and by SHP-1 Tyrosine Phosphatase via an ITIM Region in the Cyclic Nucleotide Binding Domain. <i>PLoS ONE</i> , 2014, 9, e90024.	1.1	9
120	Gamma delta T cells recognize haptens and mount a hapten-specific response. <i>ELife</i> , 2014, 3, e03609.	2.8	24
121	Combinatorial tetramer staining and mass cytometry analysis facilitate T-cell epitope mapping and characterization. <i>Nature Biotechnology</i> , 2013, 31, 623-629.	9.4	265
122	CD4 ⁺ T Cell Autoimmunity to Hypocretin/Orexin and Cross-Reactivity to a 2009 H1N1 Influenza A Epitope in Narcolepsy. <i>Science Translational Medicine</i> , 2013, 5, 216ra176.	5.8	83
123	High-Dimensional Analysis of Human CD8 ⁺ T Cell Phenotype, Function, and Antigen Specificity. <i>Current Topics in Microbiology and Immunology</i> , 2013, 377, 61-84.	0.7	11
124	Higher Throughput Methods of Identifying T Cell Epitopes for Studying Outcomes of Altered Antigen Processing and Presentation. <i>Frontiers in Immunology</i> , 2013, 4, 430.	2.2	16
125	The Promised Land of Human Immunology. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2013, 78, 203-213.	2.0	16
126	Dietary gluten triggers concomitant activation of CD4 ⁺ and CD8 ⁺ T cells and β^2 T cells in celiac disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 13073-13078.	3.3	178

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127	Characterization of Influenza Vaccine Immunogenicity Using Influenza Antigen Microarrays. PLoS ONE, 2013, 8, e64555.	1.1	44
128	Î³Î´ T Cells Recognize a Microbial Encoded B Cell Antigen to Initiate a Rapid Antigen-Specific Interleukin-17 Response. Immunity, 2012, 37, 524-534.	6.6	172
129	Cytometry by Time-of-Flight Shows Combinatorial Cytokine Expression and Virus-Specific Cell Niches within a Continuum of CD8+ T Cell Phenotypes. Immunity, 2012, 36, 142-152.	6.6	534
130	Photocrosslinkable pMHC monomers stain T cells specifically and cause ligand-bound TCRs to be 'preferentially' transported to the cSMAC. Nature Immunology, 2012, 13, 674-680.	7.0	44
131	Donor immunization with WT1 peptide augments antileukemic activity after MHC-matched bone marrow transplantation. Blood, 2011, 118, 5319-5329.	0.6	15
132	Interrogating the repertoire: broadening the scope of peptide-MHC multimer analysis. Nature Reviews Immunology, 2011, 11, 551-558.	10.6	106
133	Structural Basis of Specificity and Cross-Reactivity in T Cell Receptors Specific for Cytochrome <i>c</i> 1-Ek. Journal of Immunology, 2011, 186, 5823-5832.	0.4	59
134	Donor Immunization with WT1 Peptide Augments Anti-Leukemic Activity After MHC-Matched Bone Marrow Transplantation. Blood, 2011, 118, 1896-1896.	0.6	0
135	TCR-peptide-MHC interactions in situ show accelerated kinetics and increased affinity. Nature, 2010, 463, 963-967.	13.7	449
136	Evidence for a functional sidedness to the Î±Î²TCR. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 5094-5099.	3.3	69
137	The Ca ²⁺ release-activated Ca ²⁺ current (ICRAC) mediates store-operated Ca ²⁺ entry in rat microglia. Channels, 2009, 3, 129-139.	1.5	106
138	190 The Immune Response to HIV: Friend or Foe. Journal of Acquired Immune Deficiency Syndromes (1999), 2009, 51, .	0.9	0
139	Simultaneous detection of many T-cell specificities using combinatorial tetramer staining. Nature Methods, 2009, 6, 497-499.	9.0	158
140	Reversed Na ⁺ /Ca ²⁺ Exchange Contributes to Ca ²⁺ Influx and Respiratory Burst in Microglia. Channels, 2007, 1, 366-376.	1.5	43
141	Structures of Neuroligin-1 and the Neuroligin-1/Neurexin-1 ² Complex Reveal Specific Protein-Protein and Protein-Ca ²⁺ Interactions. Neuron, 2007, 56, 992-1003.	3.8	178
142	Small-conductance Cl ⁻ channels contribute to volume regulation and phagocytosis in microglia. European Journal of Neuroscience, 2007, 26, 2119-2130.	1.2	60
143	Integration of K ⁺ and Cl ⁻ currents regulate steady-state and dynamic membrane potentials in cultured rat microglia. Journal of Physiology, 2005, 567, 869-890.	1.3	67
144	T-cell protein tyrosine phosphatase deletion results in progressive systemic inflammatory disease. Blood, 2004, 103, 3457-3464.	0.6	152

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145	Regulation of a TRPM7-like Current in Rat Brain Microglia. Journal of Biological Chemistry, 2003, 278, 42867-42876.	1.6	143
146	Characterization of a novel metabolic strategy used by drug-resistant tumor cells. FASEB Journal, 2002, 16, 1550-1557.	0.2	167
147	Functional Up-regulation of HERG K ⁺ Channels in Neoplastic Hematopoietic Cells. Journal of Biological Chemistry, 2002, 277, 18528-18534.	1.6	169
148	Cell Surface Targeting and Clustering Interactions between Heterologously Expressed PSD-95 and the Shal Voltage-gated Potassium Channel, Kv4.2. Journal of Biological Chemistry, 2002, 277, 20423-20430.	1.6	70
149	Increased expression of CD40 on thymocytes and peripheral T cells in autoimmunity: a mechanism for acquiring changes in the peripheral T cell receptor repertoire.. International Journal of Molecular Medicine, 1999, 4, 231-42.	1.8	29
150	Transplantation of cells and tissues expressing Fas ligand. Transplantation Proceedings, 1999, 31, 1479-1481.	0.3	10