

# Ronald N Germain

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

152  
papers

21,267  
citations

73  
h-index

145  
g-index

167  
ext. papers

24,922  
ext. citations

26.5  
avg, IF

7.02  
L-index

#	Paper	IF	Citations
152	IBEX: an iterative immunolabeling and chemical bleaching method for high-content imaging of diverse tissues.. <i>Nature Protocols</i> , <b>2022</b> ,	18.8	3
151	Tuning T cell receptor sensitivity through catch bond engineering.. <i>Science</i> , <b>2022</b> , 376, eabl5282	33.3	0
150	Intravital and high-content multiplex imaging of the immune system.. <i>Trends in Cell Biology</i> , <b>2021</b> ,	18.3	2
149	Lentivirus-mediated Conditional Gene Expression. <i>Bio-protocol</i> , <b>2021</b> , 11, e4205	0.9	
148	Spatial mapping of protein composition and tissue organization: a primer for multiplexed antibody-based imaging. <i>Nature Methods</i> , <b>2021</b> ,	21.6	6
147	Analyzing Inter-Leukocyte Communication and Migration : Neutrophils Play an Essential Role in Monocyte Activation During Swarming. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 671546	8.4	2
146	Neutrophils self-limit swarming to contain bacterial growth in vivo. <i>Science</i> , <b>2021</b> , 372,	33.3	18
145	A local regulatory T cell feedback circuit maintains immune homeostasis by pruning self-activated T cells. <i>Cell</i> , <b>2021</b> , 184, 3981-3997.e22	56.2	15
144	Commensal-driven immune zonation of the liver promotes host defence. <i>Nature</i> , <b>2021</b> , 589, 131-136	50.4	47
143	Efficient Immune Cell Genome Engineering with Enhanced CRISPR Editing Tools. <i>ImmunoHorizons</i> , <b>2021</b> , 5, 117-132	2.7	1
142	Gut Helicobacter presentation by multiple dendritic cell subsets enables context-specific regulatory T cell generation. <i>ELife</i> , <b>2021</b> , 10,	8.9	3
141	DNA origami patterning of synthetic T cell receptors reveals spatial control of the sensitivity and kinetics of signal activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	5
140	Mesoscale T cell antigen discrimination emerges from intercellular feedback. <i>Trends in Immunology</i> , <b>2021</b> , 42, 865-875	14.4	0
139	IBEX: A versatile multiplex optical imaging approach for deep phenotyping and spatial analysis of cells in complex tissues. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 33455-33465	11.5	18
138	A small sustained increase in NOD1 abundance promotes ligand-independent inflammatory and oncogene transcriptional responses. <i>Science Signaling</i> , <b>2020</b> , 13,	8.8	1
137	National Cancer Institute Think-Tank Meeting Report on Proteomic Cartography and Biomarkers at the Single-Cell Level: Interrogation of Premalignant Lesions. <i>Journal of Proteome Research</i> , <b>2020</b> , 19, 1900-1912	5.6	4
136	Cancer prognosis with shallow tumor RNA sequencing. <i>Nature Medicine</i> , <b>2020</b> , 26, 188-192	50.5	18

135	Niche-Specific Reprogramming of Epigenetic Landscapes Drives Myeloid Cell Diversity in Nonalcoholic Steatohepatitis. <i>Immunity</i> , <b>2020</b> , 52, 1057-1074.e7	32.3	86
134	Integration and Iteration: Using Advanced, High-Content Imaging and Single-Cell Gene Expression Analysis to Uncover Unique Aspects of Follicular Lymphoma Biology. <i>Blood</i> , <b>2020</b> , 136, 9-10	2.2	
133	Lipid-gated monovalent ion fluxes regulate endocytic traffic and support immune surveillance. <i>Science</i> , <b>2020</b> , 367, 301-305	33.3	64
132	The lymph node at a glance - how spatial organization optimizes the immune response. <i>Journal of Cell Science</i> , <b>2020</b> , 133,	5.3	20
131	The Cellular Determinants of Adaptive Immunity. <i>New England Journal of Medicine</i> , <b>2019</b> , 381, 1083-1085	59.2	2
130	Commensal Microbiota Promote Lung Cancer Development via T <sub>H</sub> Cells. <i>Cell</i> , <b>2019</b> , 176, 998-1013.e16	56.2	290
129	Immune regulation by glucocorticoids can be linked to cell type-dependent transcriptional responses. <i>Journal of Experimental Medicine</i> , <b>2019</b> , 216, 384-406	16.6	63
128	The Chemoattractant Receptor Ebi2 Drives Intranodal Naive CD4 T Cell Peripheralization to Promote Effective Adaptive Immunity. <i>Immunity</i> , <b>2019</b> , 50, 1188-1201.e6	32.3	41
127	High-dimensional cell-level analysis of tissues with Ce3D multiplex volume imaging. <i>Nature Protocols</i> , <b>2019</b> , 14, 1708-1733	18.8	44
126	Tissue clonality of dendritic cell subsets and emergency DCpoiesis revealed by multicolor fate mapping of DC progenitors. <i>Science Immunology</i> , <b>2019</b> , 4,	28	46
125	Resident Macrophages Cloak Tissue Microlesions to Prevent Neutrophil-Driven Inflammatory Damage. <i>Cell</i> , <b>2019</b> , 177, 541-555.e17	56.2	144
124	Host conditioning with IL-1 $\beta$ improves the antitumor function of adoptively transferred T cells. <i>Journal of Experimental Medicine</i> , <b>2019</b> , 216, 2619-2634	16.6	26
123	IFN-mediated negative feedback supports bacteria class-specific macrophage inflammatory responses. <i>ELife</i> , <b>2019</b> , 8,	8.9	11
122	Quantifying in situ adaptive immune cell cognate interactions in humans. <i>Nature Immunology</i> , <b>2019</b> , 20, 503-513	19.1	15
121	ILC2s - resident lymphocytes pre-adapted to a specific tissue or migratory effectors that adapt to where they move?. <i>Current Opinion in Immunology</i> , <b>2019</b> , 56, 76-81	7.8	31
120	Innate and adaptive lymphocytes sequentially shape the gut microbiota and lipid metabolism. <i>Nature</i> , <b>2018</b> , 554, 255-259	50.4	173
119	Robust control of the adaptive immune system. <i>Seminars in Immunology</i> , <b>2018</b> , 36, 17-27	10.7	21
118	S1P-dependent interorgan trafficking of group 2 innate lymphoid cells supports host defense. <i>Science</i> , <b>2018</b> , 359, 114-119	33.3	257

117	Intradermal Delivery of Bacteria by Using Microneedle Arrays. <i>Infection and Immunity</i> , <b>2018</b> , 86,	3.7	7
116	Hyperactivated PI3K $\beta$ promotes self and commensal reactivity at the expense of optimal humoral immunity. <i>Nature Immunology</i> , <b>2018</b> , 19, 986-1000	19.1	54
115	Prime and target immunization protects against liver-stage malaria in mice. <i>Science Translational Medicine</i> , <b>2018</b> , 10,	17.5	43
114	Thinking differently about ILCs-Not just tissue resident and not just the same as CD4 T-cell effectors. <i>Immunological Reviews</i> , <b>2018</b> , 286, 160-171	11.3	15
113	AS03-adjuvanted H5N1 vaccine promotes antibody diversity and affinity maturation, NAI titers, cross-clade H5N1 neutralization, but not H1N1 cross-subtype neutralization. <i>Npj Vaccines</i> , <b>2018</b> , 3, 40	9.5	35
112	Spatial distribution and function of T follicular regulatory cells in human lymph nodes. <i>Journal of Experimental Medicine</i> , <b>2018</b> , 215, 1531-1542	16.6	61
111	Follicular CD8 T cells accumulate in HIV infection and can kill infected cells in vitro via bispecific antibodies. <i>Science Translational Medicine</i> , <b>2017</b> , 9,	17.5	106
110	Adjuvant and carrier protein-dependent T-cell priming promotes a robust antibody response against the Plasmodium falciparum Pfs25 vaccine candidate. <i>Scientific Reports</i> , <b>2017</b> , 7, 40312	4.9	42
109	Suppression of lethal autoimmunity by regulatory T cells with a single TCR specificity. <i>Journal of Experimental Medicine</i> , <b>2017</b> , 214, 609-622	16.6	27
108	CD8 T Cells Orchestrate pDC-XCR1 Dendritic Cell Spatial and Functional Cooperativity to Optimize Priming. <i>Immunity</i> , <b>2017</b> , 46, 205-219	32.3	170
107	Intubation-free in vivo imaging of the tracheal mucosa using two-photon microscopy. <i>Scientific Reports</i> , <b>2017</b> , 7, 694	4.9	10
106	Memory-phenotype CD4 T cells spontaneously generated under steady-state conditions exert innate T1-like effector function. <i>Science Immunology</i> , <b>2017</b> , 2,	28	37
105	A Tunable Diffusion-Consumption Mechanism of Cytokine Propagation Enables Plasticity in Cell-to-Cell Communication in the Immune System. <i>Immunity</i> , <b>2017</b> , 46, 609-620	32.3	83
104	Allergen-Induced CD4+ T Cell Cytokine Production within Airway Mucosal Dendritic Cell-T Cell Clusters Drives the Local Recruitment of Myeloid Effector Cells. <i>Journal of Immunology</i> , <b>2017</b> , 198, 895-907	5.3	13
103	Dendritic cell and antigen dispersal landscapes regulate T cell immunity. <i>Journal of Experimental Medicine</i> , <b>2017</b> , 214, 3105-3122	16.6	98
102	Co-stimulatory function in primary germinal center responses: CD40 and B7 are required on distinct antigen-presenting cells. <i>Journal of Experimental Medicine</i> , <b>2017</b> , 214, 2795-2810	16.6	36
101	Multiplex, quantitative cellular analysis in large tissue volumes with clearing-enhanced 3D microscopy (C3D). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, E7321-E7330	11.5	163
100	Migrating Myeloid Cells Sense Temporal Dynamics of Chemoattractant Concentrations. <i>Immunity</i> , <b>2017</b> , 47, 862-874.e3	32.3	24

99	An interactive web-based application for Comprehensive Analysis of RNAi-screen Data. <i>Nature Communications</i> , <b>2016</b> , 7, 10578	17.4	10
98	Distinct NF- $\kappa$ B and MAPK Activation Thresholds Uncouple Steady-State Microbe Sensing from Anti-pathogen Inflammatory Responses. <i>Cell Systems</i> , <b>2016</b> , 2, 378-90	10.6	63
97	Defining CD8+ T cells that provide the proliferative burst after PD-1 therapy. <i>Nature</i> , <b>2016</b> , 537, 417-421	50.4	834
96	Healing the NIH-Funded Biomedical Research Enterprise. <i>Cell</i> , <b>2015</b> , 161, 1485-91	56.2	20
95	Lymph-node resident CD8 $\alpha^+$ dendritic cells capture antigens from migratory malaria sporozoites and induce CD8+ T cell responses. <i>PLoS Pathogens</i> , <b>2015</b> , 11, e1004637	7.6	76
94	Antigen- and cytokine-driven accumulation of regulatory T cells in visceral adipose tissue of lean mice. <i>Cell Metabolism</i> , <b>2015</b> , 21, 543-57	24.6	237
93	Targeted Proteomics-Driven Computational Modeling of Macrophage S1P Chemosensing. <i>Molecular and Cellular Proteomics</i> , <b>2015</b> , 14, 2661-81	7.6	12
92	Tracking the T cell repertoire. <i>Nature Reviews Immunology</i> , <b>2015</b> , 15, 730	36.5	1
91	Microbiota-Dependent Sequelae of Acute Infection Compromise Tissue-Specific Immunity. <i>Cell</i> , <b>2015</b> , 163, 354-66	56.2	175
90	NK-DC crosstalk controls the autopathogenic Th17 response through an innate IFN- $\gamma$ -IL-27 axis. <i>Journal of Experimental Medicine</i> , <b>2015</b> , 212, 1739-52	16.6	46
89	Immune homeostasis enforced by co-localized effector and regulatory T cells. <i>Nature</i> , <b>2015</b> , 528, 225-30	50.4	207
88	William E. Paul, M.D. (1936-2015), President, The American Association of Immunologists, 1986-1987. <i>Journal of Immunology</i> , <b>2015</b> , 195, 5519-21	5.3	
87	Strategically localized dendritic cells promote rapid T cell responses to lymph-borne particulate antigens. <i>Immunity</i> , <b>2015</b> , 42, 172-85	32.3	188
86	Tuning of antigen sensitivity by T cell receptor-dependent negative feedback controls T cell effector function in inflamed tissues. <i>Immunity</i> , <b>2014</b> , 40, 235-247	32.3	153
85	Global analyses of human immune variation reveal baseline predictors of postvaccination responses. <i>Cell</i> , <b>2014</b> , 157, 499-513	56.2	278
84	Focusing in on T cell cross-reactivity. <i>Cell</i> , <b>2014</b> , 157, 1006-8	56.2	5
83	Immune complexes stimulate CCR7-dependent dendritic cell migration to lymph nodes. <i>Nature Medicine</i> , <b>2014</b> , 20, 1458-63	50.5	87
82	Pathogen-related differences in the abundance of presented antigen are reflected in CD4+ T cell dynamic behavior and effector function in the lung. <i>Journal of Immunology</i> , <b>2014</b> , 192, 1651-1660	5.3	19

81	Spatiotemporal basis of innate and adaptive immunity in secondary lymphoid tissue. <i>Annual Review of Cell and Developmental Biology</i> , <b>2014</b> , 30, 141-67	12.6	106
80	T-cell-receptor-dependent signal intensity dominantly controls CD4(+) T cell polarization In Vivo. <i>Immunity</i> , <b>2014</b> , 41, 63-74	32.3	161
79	Revisiting thymic positive selection and the mature T cell repertoire for antigen. <i>Immunity</i> , <b>2014</b> , 41, 181-90	32.3	55
78	Visualization and dynamic analysis of host-pathogen interactions. <i>Current Opinion in Immunology</i> , <b>2014</b> , 29, 8-15	7.8	12
77	DOCK8 regulates lymphocyte shape integrity for skin antiviral immunity. <i>Journal of Experimental Medicine</i> , <b>2014</b> , 211, 2549-66	16.6	109
76	Mitochondria play a central role in NLRP3 inflammasome activation (349.1). <i>FASEB Journal</i> , <b>2014</b> , 28, 349.1	0.9	1
75	Recent progress using systems biology approaches to better understand molecular mechanisms of immunity. <i>Seminars in Immunology</i> , <b>2013</b> , 25, 201-8	10.7	16
74	Peripheral prepositioning and local CXCL9 chemokine-mediated guidance orchestrate rapid memory CD8+ T cell responses in the lymph node. <i>Immunity</i> , <b>2013</b> , 38, 502-13	32.3	145
73	T cell-positive selection uses self-ligand binding strength to optimize repertoire recognition of foreign antigens. <i>Immunity</i> , <b>2013</b> , 38, 263-274	32.3	201
72	Neutrophil swarms require LTB4 and integrins at sites of cell death in vivo. <i>Nature</i> , <b>2013</b> , 498, 371-5	50.4	573
71	Histo-cytometry: a method for highly multiplex quantitative tissue imaging analysis applied to dendritic cell subset microanatomy in lymph nodes. <i>Immunity</i> , <b>2012</b> , 37, 364-76	32.3	295
70	A spatially-organized multicellular innate immune response in lymph nodes limits systemic pathogen spread. <i>Cell</i> , <b>2012</b> , 150, 1235-48	56.2	266
69	Quantification of lymph node transit times reveals differences in antigen surveillance strategies of naive CD4+ and CD8+ T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 18036-41	11.5	109
68	Maintaining system homeostasis: the third law of Newtonian immunology. <i>Nature Immunology</i> , <b>2012</b> , 13, 902-6	19.1	57
67	A decade of imaging cellular motility and interaction dynamics in the immune system. <i>Science</i> , <b>2012</b> , 336, 1676-81	33.3	284
66	Systems biology in immunology: a computational modeling perspective. <i>Annual Review of Immunology</i> , <b>2011</b> , 29, 527-85	34.7	151
65	The human condition: an immunological perspective. <i>Nature Immunology</i> , <b>2011</b> , 12, 369-72	19.1	17
64	Intravital imaging reveals limited antigen presentation and T cell effector function in mycobacterial granulomas. <i>Immunity</i> , <b>2011</b> , 34, 807-19	32.3	180

63	Uncovering the role of invariant chain in controlling MHC class II antigen capture. <i>Journal of Immunology</i> , <b>2011</b> , 187, 1073-5	5.3	11
62	Chemorepulsion by blood S1P regulates osteoclast precursor mobilization and bone remodeling in vivo. <i>Journal of Experimental Medicine</i> , <b>2010</b> , 207, 2793-8	16.6	191
61	Computational analysis of T cell receptor signaling and ligand discrimination--past, present, and future. <i>FEBS Letters</i> , <b>2010</b> , 584, 4814-22	3.8	16
60	Vaccines and the future of human immunology. <i>Immunity</i> , <b>2010</b> , 33, 441-50	32.3	64
59	Life and death as a T lymphocyte: from immune protection to HIV pathogenesis. <i>Journal of Biology</i> , <b>2009</b> , 8, 91		8
58	Sphingosine-1-phosphate mobilizes osteoclast precursors and regulates bone homeostasis. <i>Nature</i> , <b>2009</b> , 458, 524-8	50.4	420
57	House dust mite allergen induces asthma via Toll-like receptor 4 triggering of airway structural cells. <i>Nature Medicine</i> , <b>2009</b> , 15, 410-6	50.5	835
56	Stromal cell contributions to the homeostasis and functionality of the immune system. <i>Nature Reviews Immunology</i> , <b>2009</b> , 9, 618-29	36.5	377
55	SAP-controlled T-B cell interactions underlie germinal centre formation. <i>Nature</i> , <b>2008</b> , 455, 764-9	50.4	478
54	Special regulatory T-cell review: A rose by any other name: from suppressor T cells to Tregs, approbation to unbridled enthusiasm. <i>Immunology</i> , <b>2008</b> , 123, 20-7	7.8	51
53	Macrophage and T cell dynamics during the development and disintegration of mycobacterial granulomas. <i>Immunity</i> , <b>2008</b> , 28, 271-84	32.3	280
52	In vivo imaging reveals an essential role for neutrophils in leishmaniasis transmitted by sand flies. <i>Science</i> , <b>2008</b> , 321, 970-4	33.3	608
51	Fibroblastic reticular cells guide T lymphocyte entry into and migration within the splenic T cell zone. <i>Journal of Immunology</i> , <b>2008</b> , 181, 3947-54	5.3	158
50	Making friends in out-of-the-way places: how cells of the immune system get together and how they conduct their business as revealed by intravital imaging. <i>Immunological Reviews</i> , <b>2008</b> , 221, 163-81	11.3	78
49	Extrafollicular activation of lymph node B cells by antigen-bearing dendritic cells. <i>Science</i> , <b>2006</b> , 312, 1672-6	33.3	409
48	Dynamic imaging of dendritic cell extension into the small bowel lumen in response to epithelial cell TLR engagement. <i>Journal of Experimental Medicine</i> , <b>2006</b> , 203, 2841-52	16.6	565
47	Stromal cell networks regulate lymphocyte entry, migration, and territoriality in lymph nodes. <i>Immunity</i> , <b>2006</b> , 25, 989-1001	32.3	757
46	Dynamic imaging of the immune system: progress, pitfalls and promise. <i>Nature Reviews Immunology</i> , <b>2006</b> , 6, 497-507	36.5	244

45	Chemokines enhance immunity by guiding naive CD8+ T cells to sites of CD4+ T cell-dendritic cell interaction. <i>Nature</i> , <b>2006</b> , 440, 890-5	50.4	601
44	An extended vision for dynamic high-resolution intravital immune imaging. <i>Seminars in Immunology</i> , <b>2005</b> , 17, 431-41	10.7	57
43	Modeling T cell antigen discrimination based on feedback control of digital ERK responses. <i>PLoS Biology</i> , <b>2005</b> , 3, e356	9.7	357
42	An innately interesting decade of research in immunology. <i>Nature Medicine</i> , <b>2004</b> , 10, 1307-20	50.5	111
41	In vivo antigen presentation. <i>Current Opinion in Immunology</i> , <b>2004</b> , 16, 120-5	7.8	69
40	Ligand-dependent regulation of T cell development and activation. <i>Immunologic Research</i> , <b>2003</b> , 27, 277-86	10	10
39	T-cell activation: the power of one. <i>Current Biology</i> , <b>2003</b> , 13, R137-9	6.3	9
38	TCR ligand discrimination is enforced by competing ERK positive and SHP-1 negative feedback pathways. <i>Nature Immunology</i> , <b>2003</b> , 4, 248-54	19.1	378
37	Self-recognition promotes the foreign antigen sensitivity of naive T lymphocytes. <i>Nature</i> , <b>2002</b> , 420, 429-34	50.4	330
36	T-cell development and the CD4-CD8 lineage decision. <i>Nature Reviews Immunology</i> , <b>2002</b> , 2, 309-22	36.5	490
35	Dynamic imaging of T cell-dendritic cell interactions in lymph nodes. <i>Science</i> , <b>2002</b> , 296, 1873-6	33.3	603
34	Constitutive presentation of a natural tissue autoantigen exclusively by dendritic cells in the draining lymph node. <i>Journal of Experimental Medicine</i> , <b>2002</b> , 196, 1079-90	16.6	326
33	Self-recognition and the regulation of CD4+ T cell survival. <i>Advances in Experimental Medicine and Biology</i> , <b>2002</b> , 512, 97-105	3.6	18
32	The transmembrane segment of invariant chain mediates binding to MHC class II molecules in a CLIP-independent manner. <i>European Journal of Immunology</i> , <b>2001</b> , 31, 841-50	6.1	32
31	The duration of antigen receptor signalling determines CD4+ versus CD8+ T-cell lineage fate. <i>Nature</i> , <b>2000</b> , 404, 506-10	50.4	208
30	Cross-antagonism of a T cell clone expressing two distinct T cell receptors. <i>Immunity</i> , <b>1999</b> , 11, 289-98	32.3	91
29	The dynamics of T cell receptor signaling: complex orchestration and the key roles of tempo and cooperation. <i>Annual Review of Immunology</i> , <b>1999</b> , 17, 467-522	34.7	370
28	Quantitative impact of thymic clonal deletion on the T cell repertoire. <i>Journal of Experimental Medicine</i> , <b>1997</b> , 185, 377-83	16.6	167



27	Antigen-unspecific B cells and lymphoid dendritic cells both show extensive surface expression of processed antigen-major histocompatibility complex class II complexes after soluble protein exposure in vivo or in vitro. <i>Journal of Experimental Medicine</i> , <b>1997</b> , 186, 673-82	16.6	115
26	Processing and presentation of endocytically acquired protein antigens by MHC class II and class I molecules. <i>Immunological Reviews</i> , <b>1996</b> , 151, 5-30	11.3	88
25	The biochemistry and cell biology of antigen presentation by MHC class I and class II molecules. Implications for development of combination vaccines. <i>Annals of the New York Academy of Sciences</i> , <b>1995</b> , 754, 114-25	6.5	56
24	MHC class II function preserved by low-affinity peptide interactions preceding stable binding. <i>Nature</i> , <b>1994</b> , 370, 647-50	50.4	122
23	Peptide binding inhibits protein aggregation of invariant-chain free class II dimers and promotes surface expression of occupied molecules. <i>Nature</i> , <b>1993</b> , 363, 725-8	50.4	150
22	MHC class II interaction with CD4 mediated by a region analogous to the MHC class I binding site for CD8. <i>Nature</i> , <b>1992</b> , 356, 796-8	50.4	323
21	Excess beta 2 microglobulin promoting functional peptide association with purified soluble class I MHC molecules. <i>Nature</i> , <b>1991</b> , 349, 74-7	50.4	117
20	MHC class II structure, occupancy and surface expression determined by post-endoplasmic reticulum antigen binding. <i>Nature</i> , <b>1991</b> , 353, 134-9	50.4	371
19	A role for peptide in determining MHC class II structure. <i>Nature</i> , <b>1991</b> , 353, 167-70	50.4	262
18	MHC class I surface expression in embryo-derived cell lines inducible with peptide or interferon. <i>Nature</i> , <b>1991</b> , 354, 235-8	50.4	51
17	Induction of CD8+ cytotoxic T cells by immunization with purified HIV-1 envelope protein in ISCOMs. <i>Nature</i> , <b>1990</b> , 344, 873-5	50.4	449
16	The generation and selection of the T cell repertoire: insights from studies of the molecular basis of T cell recognition. <i>Immunological Reviews</i> , <b>1988</b> , 101, 81-113	11.3	24
15	Processing of a minimal antigenic peptide alters its interaction with MHC molecules. <i>Nature</i> , <b>1988</b> , 331, 538-40	50.4	57
14	Dissociation of phosphoinositide hydrolysis and Ca <sup>2+</sup> fluxes from the biological responses of a T-cell hybridoma. <i>Nature</i> , <b>1988</b> , 334, 625-8	50.4	100
13	The molecular basis of MHC-restricted antigen recognition by T cells. <i>International Reviews of Immunology</i> , <b>1988</b> , 3, 147-74	4.6	6
12	Specific antigen-Ia activation of transfected human T cells expressing murine Ti alpha beta-human T3 receptor complexes. <i>Nature</i> , <b>1987</b> , 325, 125-30	50.4	234
11	Thy-1-mediated T-cell activation requires co-expression of CD3/Ti complex. <i>Nature</i> , <b>1987</b> , 326, 505-7	50.4	157
10	Functionally distinct subsites on a class II major histocompatibility complex molecule. <i>Nature</i> , <b>1987</b> , 329, 254-6	50.4	92

9	Predictable acquisition of a new MHC recognition specificity following expression of a transfected T-cell receptor beta-chain gene. <i>Nature</i> , <b>1987</b> , 329, 256-9	50.4	47
8	Unexpected expression of a unique mixed-isotype class II MHC molecule by transfected L-cells. <i>Nature</i> , <b>1986</b> , 320, 72-5	50.4	86
7	Thy-1 functions as a signal transduction molecule in T lymphocytes and transfected B lymphocytes. <i>Nature</i> , <b>1986</b> , 322, 181-4	50.4	172
6	Expression of genes of the T-cell antigen receptor complex in precursor thymocytes. <i>Nature</i> , <b>1985</b> , 315, 765-8	50.4	123
5	T-cell recognition of a chimaeric class II/class I MHC molecule and the role of L3T4. <i>Nature</i> , <b>1985</b> , 317, 425-7	50.4	54
4	Functional expression of a transfected murine class II MHC gene. <i>Nature</i> , <b>1983</b> , 306, 190-4	50.4	58
3	T cell subset-selective IL2RA enhancers shape autoimmune diabetes risk		1
2	DNA origami patterning of synthetic T cell receptors reveals spatial control of the sensitivity and kinetics of signal activation		3
1	Age-related differences in immune dynamics during SARS-CoV-2 infection in rhesus macaques		2