Paul M Allen

List of Publications by Year
in descending order

72 papers	11,865 citations	87888 38 h-index	98798 67 g-index
75 all docs	75 docs citations	75 times ranked	11138 citing authors

#	Article	IF	Citations
1	The Immunological Synapse: A Molecular Machine Controlling T Cell Activation. Science, 1999, 285, 221-227.	12.6	2,861
2	Binding of immunogenic peptides to Ia histocompatibility molecules. Nature, 1985, 317, 359-361.	27.8	1,187
3	Positive and negative selection of the T cell repertoire: what thymocytes see (and don't see). Nature Reviews Immunology, 2014, 14, 377-391.	22.7	1,043
4	THEIMMUNOLOGICALSYNAPSE. Annual Review of Immunology, 2001, 19, 375-396.	21.8	821
5	Induction of T-cell anergy by altered T-cell-receptor ligand on live antigen-presenting cells. Nature, 1993, 363, 156-159.	27.8	592
6	Essential Role of Neutrophils in the Initiation and Progression of a Murine Model of Rheumatoid Arthritis. Journal of Immunology, 2001, 167, 1601-1608.	0.8	537
7	Tickling the TCR: selective T-cell functions stimulated by altered peptide ligands. Trends in Immunology, 1993, 14, 602-609.	7.5	405
8	Identification of the T-cell and Ia contact residues of a T-cell antigenic epitope. Nature, 1987, 327, 713-715.	27.8	312
9	Essential flexibility in the T-cell recognition of antigen. Nature, 1996, 380, 495-498.	27.8	305
10	High- and Low-Potency Ligands with Similar Affinities for the TCR. Immunity, 1998, 9, 817-826.	14.3	296
11	Specificity of T-cell alloreactivity. Nature Reviews Immunology, 2007, 7, 942-953.	22.7	208
12	Tropism for tuft cells determines immune promotion of norovirus pathogenesis. Science, 2018, 360, 204-208.	12.6	187
13	How the TCR balances sensitivity and specificity for the recognition of self and pathogens. Nature Immunology, 2012, 13, 121-128.	14.5	185
14	Colitogenic Bacteroides thetaiotaomicron Antigens Access Host Immune Cells in a Sulfatase-Dependent Manner via Outer Membrane Vesicles. Cell Host and Microbe, 2015, 17, 672-680.	11.0	179
15	Altered T Cell Receptor Ligands Trigger a Subset of Early T Cell Signals. Immunity, 1996, 5, 125-135.	14.3	155
16	Intrinsic CD4+ T cell sensitivity and response to a pathogen are set and sustained by avidity for thymic and peripheral complexes of self peptide and MHC. Nature Immunology, 2014, 15, 266-274.	14.5	155
17	T-Cell Recognition of Lysozyme: The Biochemical Basis of Presentation. Immunological Reviews, 1987, 98, 171-187.	6.0	134
18	Staging the Initiation of Autoantibody-Induced Arthritis: A Critical Role for Immune Complexes. Journal of Immunology, 2004, 172, 7694-7702.	0.8	133

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19	Alloreactive T cells respond specifically to multiple distinct peptide-MHC complexes. Nature Immunology, 2007, 8, 388-397.	14.5	127
20	Dynamic visualization of a joint-specific autoimmune response through positron emission tomography. Nature Immunology, 2002, 3, 366-372.	14.5	118
21	A Kinetic Threshold between Negative and Positive Selection Based on the Longevity of the T Cell Receptorâ€“Ligand Complex. Journal of Experimental Medicine, 1999, 189, 1531-1544.	8.5	112
22	An Antibiotic-Responsive Mouse Model of Fulminant Ulcerative Colitis. PLoS Medicine, 2008, 5, e41.	8.4	109
23	Structural and Functional Consequences of Altering a Peptide MHC Anchor Residue. Journal of Immunology, 2001, 166, 3345-3354.	0.8	102
24	Class II-restricted T cell receptor engineered in vitro for higher affinity retains peptide specificity and function. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 19033-19038.	7.1	94
25	An endogenous peptide positively selects and augments the activation and survival of peripheral CD4+ T cells. Nature Immunology, 2009, 10, 1155-1161.	14.5	93
26	A voltage-gated sodium channel is essential for the positive selection of CD4+ T cells. Nature Immunology, 2012, 13, 880-887.	14.5	93
27	Force-Regulated In Situ TCRâ€“Peptide-Bound MHC Class II Kinetics Determine Functions of CD4+ T Cells. Journal of Immunology, 2015, 195, 3557-3564.	0.8	92
28	L-Myc expression by dendritic cells is required for optimal T-cell priming. Nature, 2014, 507, 243-247.	27.8	87
29	c-Myc-induced transcription factor AP4 is required for host protection mediated by CD8+ T cells. Nature Immunology, 2014, 15, 884-893.	14.5	85
30	Thymic cortical epithelial cells lack full capacity for antigen presentation. Nature, 1989, 340, 557-559.	27.8	83
31	Trpm4 Differentially Regulates Th1 and Th2 Function by Altering Calcium Signaling and NFAT Localization. Journal of Immunology, 2010, 185, 2836-2846.	0.8	81
32	Molecular Basis for Recognition of an Arthritic Peptide and a Foreign Epitope on Distinct MHC Molecules by a Single TCR. Journal of Immunology, 2000, 164, 5788-5796.	0.8	79
33	Despite ubiquitous autoantigen expression, arthritogenic autoantibody response initiates in the local lymph node. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 14368-14373.	7.1	72
34	Diet modulates colonic T cell responses by regulating the expression of a Bacteroides thetaiotaomicron antigen. Science Immunology, 2019, 4, .	11.9	70
35	Massive Thymic Deletion Results in Systemic Autoimmunity through Elimination of CD4+ CD25+ T Regulatory Cells. Journal of Experimental Medicine, 2004, 199, 323-335.	8.5	64
36	Distinct CD4 ⁺ helper T cells involved in primary and secondary responses to infection. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 9511-9516.	7.1	63

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37	The Study of High-Affinity TCRs Reveals Duality in T Cell Recognition of Antigen: Specificity and Degeneracy. Journal of Immunology, 2006, 177, 6911-6919.	0.8	50
38	Cutting Edge: Highly Alloreactive Dual TCR T Cells Play a Dominant Role in Graft-versus-Host Disease. Journal of Immunology, 2009, 182, 6639-6643.	0.8	46
39	Initiation of an Autoimmune Response: Insights from a Transgenic Model of Rheumatoid Arthritis. Immunologic Research, 2005, 32, 005-014.	2.9	37
40	Alloreactivity is limited by the endogenous peptide repertoire. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 3695-3700.	7.1	32
41	Clec16a is Critical for Autolysosome Function and Purkinje Cell Survival. Scientific Reports, 2016, 6, 23326.	3.3	31
42	Kissing cousins: immunological and neurological synapses. Nature Immunology, 2001, 2, 575-576.	14.5	30
43	Dual Receptor T Cells Mediate Pathologic Alloreactivity in Patients with Acute Graft-Versus-Host Disease. Science Translational Medicine, 2013, 5, 188ra74.	12.4	29
44	Loss of NavÎ²4-Mediated Regulation of Sodium Currents in Adult Purkinje Neurons Disrupts Firing and Impairs Motor Coordination and Balance. Cell Reports, 2017, 19, 532-544.	6.4	27
45	Polysaccharide Capsules Equip the Human Symbiont Bacteroides thetaiotaomicron to Modulate Immune Responses to a Dominant Antigen in the Intestine. Journal of Immunology, 2020, 204, 1035-1046.	0.8	26
46	Strength of tonic T cell receptor signaling instructs T follicular helper cellâ€“fate decisions. Nature Immunology, 2020, 21, 1384-1396.	14.5	25
47	High-affinity T cell receptor differentiates cognate peptideâ€“MHC and altered peptide ligands with distinct kinetics and thermodynamics. Molecular Immunology, 2010, 47, 1793-1801.	2.2	23
48	Immunomodulatory Roles of Polysaccharide Capsules in the Intestine. Frontiers in Immunology, 2020, 11, 690.	4.8	23
49	The Ability To Rearrange Dual TCRs Enhances Positive Selection, Leading to Increased Allo- and Autoreactive T Cell Repertoires. Journal of Immunology, 2014, 193, 1778-1786.	0.8	22
50	Antigen processing and presentation by macrophages. American Journal of Anatomy, 1984, 170, 483-490.	1.0	21
51	Tonic TCR Signaling Inversely Regulates the Basal Metabolism of CD4+ T Cells. ImmunoHorizons, 2020, 4, 485-497.	1.8	14
52	Two MHC Surface Amino Acid Differences Distinguish Foreign Peptide Recognition from Autoantigen Specificity. Journal of Immunology, 2001, 166, 4005-4011.	0.8	13
53	Self-awareness: How self-peptide/MHC complexes are essential in the development of T cells. Molecular Immunology, 2013, 55, 186-189.	2.2	13
54	Functional Heterogeneity in CD4+ T Cell Responses Against a Bacterial Pathogen. Frontiers in Immunology, 2015, 6, 621.	4.8	12

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55	Themis imposes new law and order on positive selection. Nature Immunology, 2009, 10, 805-806.	14.5	11
56	T cell immunodominance is dictated by the positively selecting self-peptide. ELife, 2014, 3, e01457.	6.0	10
57	Subtle changes in TCRÎ± CDR1 profoundly increase the sensitivity of CD4 T cells. Molecular Immunology, 2013, 53, 283-294.	2.2	9
58	Tuning T Cell Signaling Sensitivity Alters the Behavior of CD4+ T Cells during an Immune Response. Journal of Immunology, 2018, 200, 3429-3437.	0.8	9
59	Dynamics of CD4+ T Cell Responses against Listeria monocytogenes. Journal of Immunology, 2012, 189, 5250-5256.	0.8	7
60	Defining Yourself: Tolerance Development in the Immune System. Journal of Immunology, 2006, 177, 1369-1372.	0.8	5
61	Both positive and negative effects on immune responses by expression of a second class II MHC molecule. Molecular Immunology, 2014, 62, 199-208.	2.2	5
62	Making Antigen Presentable. Journal of Immunology, 2007, 179, 3-4.	0.8	4
63	Tolerance to Self and the Processing and Presentation of Self Antigens. International Reviews of Immunology, 1993, 10, 313-319.	3.3	2
64	Phase-variable bacteria simultaneously express multiple capsules. Microbiology (United Kingdom), 2021, 167, .	1.8	2
65	The Study of Selfâ€Tolerance Using Murine Haemoglobin as a Model Self Antigen. Novartis Foundation Symposium, 1998, 215, 41-53.	1.1	2
66	Signalling Events in the Anergy Induction of T Helper 1 Cells. Novartis Foundation Symposium, 1995, 195, 189-202.	1.1	2
67	The TCR Takes Some Immune Responsibility. Immunity, 2017, 47, 803-804.	14.3	1
68	Self-pMHCII complexes are variably expressed in the thymus and periphery independent of mRNA expression but dependent on the activation state of the APCs. Molecular Immunology, 2015, 63, 428-436.	2.2	0
69	Tumors induce regulatory dendritic cells that suppress CD8+ T cell antitumor immunity. FASEB Journal, 2008, 22, 1078.4.	0.5	0
70	Donor Dual TCR T Cells Preferentially Expand and Mediate Pathologic Alloreactivity in Acute Graft Versus Host Disease. Blood, 2011, 118, 1972-1972.	1.4	0
71	Approachable Immunology: Cellular and Molecular Immunology . Abul K. Abbas, Andrew R. Lichtman, and Jordan S. Pober. Saunders, Philadelphia, PA, 1991, xii, 417 pp., illus. Paper, $26.95. Supplementary slide set, $250.. Science, 1991, 253, 806-806.	12.6	0
72	Approachable Immunology: Cellular and Molecular Immunology . Abul K. Abbas, Andrew R. Lichtman, and Jordan S. Pober. Saunders, Philadelphia, PA, 1991, xii, 417 pp., illus. Paper, $26.95. Supplementary slide set, $250.. Science, 1991, 253, 806-806.	12.6	0