Stephen P Schoenberger

List of Publications by Year
in descending order

76 papers	11,463 citations	94381 37 h-index	66879 78 g-index
81 all docs	81 docs citations	81 times ranked	12298 citing authors

#	Article	IF	Citations
1	T-cell help for cytotoxic T lymphocytes is mediated by CD40â€“CD40L interactions. Nature, 1998, 393, 480-483.	13.7	2,371
2	CD4+ T cells are required for secondary expansion and memory in CD8+ T lymphocytes. Nature, 2003, 421, 852-856.	13.7	1,443
3	Mutant MHC class II epitopes drive therapeutic immune responses to cancer. Nature, 2015, 520, 692-696.	13.7	1,030
4	NaÃ¨ve CTLs require a single brief period of antigenic stimulation for clonal expansion and differentiation. Nature Immunology, 2001, 2, 423-429.	7.0	769
5	CD4+ T-cell help controls CD8+ T-cell memory via TRAIL-mediated activation-induced cell death. Nature, 2005, 434, 88-93.	13.7	547
6	Effectors and memories: Bcl-6 and Blimp-1 in T and B lymphocyte differentiation. Nature Immunology, 2010, 11, 114-120.	7.0	450
7	CD40 activation in vivo overcomes peptide-induced peripheral cytotoxic T-lymphocyte tolerance and augments anti-tumor vaccine efficacy. Nature Medicine, 1999, 5, 774-779.	15.2	439
8	Dynamic programming of CD8+ T lymphocyte responses. Nature Immunology, 2003, 4, 361-365.	7.0	357
9	Cross-Presentation of Glycoprotein 96â€“Associated Antigens on Major Histocompatibility Complex Class I Molecules Requires Receptor-Mediated Endocytosis. Journal of Experimental Medicine, 2000, 191, 1965-1974.	4.2	325
10	A Subset of Toll-Like Receptor Ligands Induces Cross-presentation by Bone Marrow-Derived Dendritic Cells. Journal of Immunology, 2003, 170, 4102-4110.	0.4	273
11	Autocrine IL-2 is required for secondary population expansion of CD8+ memory T cells. Nature Immunology, 2011, 12, 908-913.	7.0	214
12	The generation of protective memory-like CD8+ T cells during homeostatic proliferation requires CD4+ T cells. Nature Immunology, 2006, 7, 475-481.	7.0	193
13	IL-7 regulates basal homeostatic proliferation of antiviral CD4+T cell memory. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 9357-9362.	3.3	176
14	Plasticity in programming of effector and memory CD8⁺ Tâ€cell formation. Immunological Reviews, 2010, 235, 190-205.	2.8	176
15	Sustained antibody responses depend on CD28 function in bone marrowâ€“resident plasma cells. Journal of Experimental Medicine, 2011, 208, 1435-1446.	4.2	156
16	CD40L Blockade Prevents Autoimmune Diabetes by Induction of Bitypic NK/DC Regulatory Cells. Immunity, 2002, 16, 403-415.	6.6	150
17	Role of Antigen-Presenting Cells in Mediating Tolerance and Autoimmunity. Journal of Experimental Medicine, 2000, 191, 2021-2028.	4.2	148
18	Tumor Growth Enhances Cross-Presentation Leading to Limited T Cell Activation without Tolerance. Journal of Experimental Medicine, 2002, 195, 423-435.	4.2	120

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19	Dlgh1 coordinates actin polymerization, synaptic T cell receptor and lipid raft aggregation, and effector function in T cells. Journal of Experimental Medicine, 2005, 201, 419-430.	4.2	107
20	Immune Adjuvant Efficacy of CpG Oligonucleotide in Cancer Treatment Is Founded Specifically upon TLR9 Function in Plasmacytoid Dendritic Cells. Cancer Research, 2011, 71, 6428-6437.	0.4	99
21	The CD4+ T-cell help signal is transmitted from APC to CD8+ T-cells via CD27â€“CD70 interactions. Nature Communications, 2012, 3, 948.	5.8	97
22	Cutting Edge: Murine Cytomegalovirus Induces a Polyfunctional CD4 T Cell Response. Journal of Immunology, 2008, 180, 6472-6476.	0.4	95
23	Tyrosine phosphorylation of VHR phosphatase by ZAP-70. Nature Immunology, 2003, 4, 44-48.	7.0	94
24	Lck Dephosphorylation at Tyr-394 and Inhibition of T Cell Antigen Receptor Signaling by Yersinia Phosphatase YopH. Journal of Biological Chemistry, 2004, 279, 4922-4928.	1.6	94
25	CD40â€“CD40Ligand interactions and their role in cytotoxic T lymphocyte priming and anti-tumor immunity. Seminars in Immunology, 1998, 10, 443-448.	2.7	93
26	Efficient T Cell Activation via a Toll-Interleukin 1 Receptor-Independent Pathway. Immunity, 2006, 24, 787-799.	6.6	91
27	In Vivo Ligation of CD40 Enhances Priming Against the Endogenous Tumor Antigen and Promotes CD8+ T Cell Effector Function in SV40 T Antigen Transgenic Mice. Journal of Immunology, 2003, 171, 697-707.	0.4	74
28	The TNFR family members OX40 and CD27 link viral virulence to protective T cell vaccines in mice. Journal of Clinical Investigation, 2011, 121, 296-307.	3.9	65
29	Mucosal memory CD8+ T cells are selected in the periphery by an MHC class I molecule. Nature Immunology, 2011, 12, 1086-1095.	7.0	63
30	Protein Kinase C-Î¸ Is an Early Survival Factor Required for Differentiation of Effector CD8+ T Cells. Journal of Immunology, 2005, 175, 5126-5134.	0.4	59
31	Cytosolic Entry Controls CD8 + -T-Cell Potency during Bacterial Infection. Infection and Immunity, 2006, 74, 6387-6397.	1.0	56
32	CD28 Promotes Plasma Cell Survival, Sustained Antibody Responses, and BLIMP-1 Upregulation through Its Distal PYAP Proline Motif. Journal of Immunology, 2015, 194, 4717-4728.	0.4	56
33	Immunotherapy of established tumors using bone marrow transplantation with antigen geneâ€“modified hematopoietic stem cells. Nature Medicine, 2003, 9, 952-958.	15.2	55
34	Cutting Edge: A Crucial Role for B7-CD28 in Transmitting T Help from APC to CTL. Journal of Immunology, 2002, 169, 4094-4097.	0.4	54
35	Differential B7â€“CD28 Costimulatory Requirements for Stable and Inflationary Mouse Cytomegalovirus-Specific Memory CD8 T Cell Populations. Journal of Immunology, 2011, 186, 3874-3881.	0.4	52
36	The Roles of MHC Class II, CD40, and B7 Costimulation in CTL Induction by Plasmid DNA. Journal of Immunology, 2001, 166, 3061-3066.	0.4	47

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37	Invariant NKT Cells Induce Plasmacytoid Dendritic Cell (DC) Cross-Talk with Conventional DCs for Efficient Memory CD8+ T Cell Induction. Journal of Immunology, 2013, 190, 5609-5619.	0.4	43
38	Protective and Pathological Roles of Virus-Specific and Bystander CD8+T Cells in Herpetic Stromal Keratitis. Journal of Immunology, 2004, 173, 7575-7583.	0.4	41
39	Harnessing neoantigen specific CD4 T cells for cancer immunotherapy. Journal of Leukocyte Biology, 2020, 107, 625-633.	1.5	40
40	Herpetic stromal keratitis in the absence of viral antigen recognition. Cellular Immunology, 2002, 219, 108-118.	1.4	39
41	Melanoma immunotherapy by targeted IL-2 depends on CD4+ T-cell help mediated by CD40/CD40L interaction. Journal of Clinical Investigation, 2000, 105, 1623-1630.	3.9	33
42	Lipid Raft Targeting of Hematopoietic Protein Tyrosine Phosphatase by Protein Kinase C Î¸-Mediated Phosphorylation. Molecular and Cellular Biology, 2006, 26, 1806-1816.	1.1	32
43	Preferential Use of B7.2 and Not B7.1 in Priming of Vaccinia Virus-Specific CD8 T Cells. Journal of Immunology, 2009, 182, 2909-2918.	0.4	32
44	Removal of C-Terminal Src Kinase from the Immune Synapse by a New Binding Protein. Molecular and Cellular Biology, 2005, 25, 2227-2241.	1.1	31
45	B7-Mediated Costimulation of CD4 T Cells Constrains Cytomegalovirus Persistence. Journal of Virology, 2011, 85, 390-396.	1.5	28
46	Harnessing self-reactivity in cancer immunotherapy. Seminars in Immunology, 1996, 8, 303-309.	2.7	23
47	A Threshold Model for T-Cell Activation in the Era of Checkpoint Blockade Immunotherapy. Frontiers in Immunology, 2019, 10, 491.	2.2	23
48	Rescue of memory CD8+ T cell reactivity in peptide/TLR9 ligand immunization by codelivery of cytokines or CD40 ligation. Virology, 2005, 331, 151-158.	1.1	22
49	Nab2 regulates secondary CD8+ T-cell responses through control of TRAIL expression. Blood, 2012, 119, 798-804.	0.6	21
50	Polyfunctional CD4+ T Cell Responses to Immunodominant Epitopes Correlate with Disease Activity of Virulent Salmonella. PLoS ONE, 2012, 7, e43481.	1.1	21
51	CD69 guides CD4⁺T cells to the seat of memory. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 8358-8359.	3.3	20
52	Duration of CTL activation regulates IL-2 production required for autonomous clonal expansion. European Journal of Immunology, 2006, 36, 1707-1717.	1.6	18
53	TRAIL-expressing CD8+ T cells mediate tolerance following soluble peptide-induced peripheral T cell deletion. Journal of Leukocyte Biology, 2010, 88, 1217-1225.	1.5	18
54	Leveraging TCR Affinity in Adoptive Immunotherapy against Shared Tumor/Self-Antigens. Cancer Immunology Research, 2019, 7, 40-49.	1.6	17

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55	Interleukin-2 rescues helpless effector CD8+ T cells by diminishing the susceptibility to TRAIL mediated death. Immunology Letters, 2011, 139, 25-32.	1.1	16
56	FoxO3 is a negative regulator of primary CD8⁺ Tâ€cell expansion but not of memory formation. Immunology and Cell Biology, 2015, 93, 120-125.	1.0	16
57	Adoptive Therapy with T Cells/NK Cells. Biology of Blood and Marrow Transplantation, 2007, 13, 33-42.	2.0	15
58	The TRAIL of Helpless CD8+T Cells in HIV Infection. AIDS Research and Human Retroviruses, 2008, 24, 1175-1183.	0.5	15
59	SLAT Regulates CD8+ T Cell Clonal Expansion in a Cdc42- and NFAT1-Dependent Manner. Journal of Immunology, 2013, 190, 174-183.	0.4	15
60	CD154 is a negative regulator of autoaggressive CD8+ T cells in type 1 diabetes. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 9345-9350.	3.3	14
61	Distinct roles of cytolytic effector molecules for antigenâ€restricted killing by CTL in vivo. Immunology and Cell Biology, 2010, 88, 761-765.	1.0	13
62	Class-B CpG-ODN Formulated With a Nanostructure Induces Type I Interferons-Dependent and CD4+ T Cell-Independent CD8+ T-Cell Response Against Unconjugated Protein Antigen. Frontiers in Immunology, 2018, 9, 2319.	2.2	13
63	Combined assessment of MHC binding and antigen abundance improves T cell epitope predictions. IScience, 2022, 25, 103850.	1.9	13
64	CD40 Signaling and Autoimmunity. , 2001, 5, 51-61.		12
65	Activation or frustration of anti-tumor responses by T-cell-based immune modulation. Seminars in Immunology, 1997, 9, 323-327.	2.7	10
66	The Cancer Epitope Database and Analysis Resource: A Blueprint for the Establishment of a New Bioinformatics Resource for Use by the Cancer Immunology Community. Frontiers in Immunology, 2021, 12, 735609.	2.2	10
67	TLR9 Sensing of Self-DNA Controls Cell-Mediated Immunity to Listeria Infection via Rapid Conversion of Conventional CD4+ T Cells to Treg. Cell Reports, 2020, 31, 107249.	2.9	9
68	Notch signaling maintains T cell memories. Nature Medicine, 2015, 21, 16-18.	15.2	7
69	Is It Possible to Develop Cancer Vaccines to Neoantigens, What Are the Major Challenges, and How Can These Be Overcome?. Cold Spring Harbor Perspectives in Biology, 2018, 10, a028837.	2.3	7
70	Enhancement of proliferation and downregulation of TRAIL expression on CD8⁺ T cells by ILâ€21. European Journal of Immunology, 2010, 40, 2990-2992.	1.6	6
71	Sustained Antibody Responses Depend on CD28 Function in Bone Marrow Resident Plasma Cells. Blood, 2011, 118, 182-182.	0.6	6
72	Ex Uno Plura. Science, 2009, 323, 466-467.	6.0	5

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73	Separate Roles for Antigen Recognition and Lymph Node Inflammation in CD8+ Memory T Cell Formation. Journal of Immunology, 2010, 185, 3167-3173.	0.4	5
74	IL-2 gets with the program. Nature Immunology, 2006, 7, 798-800.	7.0	4
75	Developmentally distinct CD4⁺T_{reg}lineages shape the CD8⁺T cell response to acuteListeriainfection. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2113329119.	3.3	4
76	Single-cell analysis of immune repertoires enabled. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, e2100106118.	3.3	0