

David Gray

List of Publications by Year in descending order

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84
papers

9,896
citations

57758

44
h-index

58581

82
g-index

86
all docs

86
docs citations

86
times ranked

8887
citing authors

#	ARTICLE	IF	CITATIONS
1	B cells regulate autoimmunity by provision of IL-10. <i>Nature Immunology</i> , 2002, 3, 944-950.	14.5	1,468
2	Mice lacking MHC class II molecules. <i>Cell</i> , 1991, 66, 1051-1066.	28.9	876
3	Prevention of Arthritis by Interleukin 10-producing B Cells. <i>Journal of Experimental Medicine</i> , 2003, 197, 489-501.	8.5	781
4	B cell depletion therapy ameliorates autoimmune disease through ablation of IL-6-producing B cells. <i>Journal of Experimental Medicine</i> , 2012, 209, 1001-1010.	8.5	530
5	Antigen-Driven Selection of Virgin and Memory B Cells. <i>Immunological Reviews</i> , 1986, 91, 61-86.	6.0	482
6	B-cell memory is short-lived in the absence of antigen. <i>Nature</i> , 1988, 336, 70-73.	27.8	414
7	CD40 ligand-transduced co-stimulation of T cells in the development of helper function. <i>Nature</i> , 1995, 378, 620-623.	27.8	407
8	Activated human T cells express a ligand for the human B cell-associated antigen CD40 which participates in T cell-dependent activation of B lymphocytes. <i>European Journal of Immunology</i> , 1992, 22, 2573-2578.	2.9	302
9	Primary T Cell Expansion and Differentiation In Vivo Requires Antigen Presentation by B Cells. <i>Journal of Immunology</i> , 2006, 176, 3498-3506.	0.8	266
10	Immunological Memory. <i>Annual Review of Immunology</i> , 1993, 11, 49-77.	21.8	265
11	Not always the bad guys: B cells as regulators of autoimmune pathology. <i>Nature Reviews Immunology</i> , 2008, 8, 391-397.	22.7	262
12	TLR-mediated stimulation of APC: Distinct cytokine responses of B cells and dendritic cells. <i>European Journal of Immunology</i> , 2007, 37, 3040-3053.	2.9	239
13	Nonequivalent nuclear location of immunoglobulin alleles in B lymphocytes. <i>Nature Immunology</i> , 2001, 2, 848-854.	14.5	179
14	Novel pathways of antigen presentation for the maintenance of memory. <i>International Immunology</i> , 1991, 3, 141-148.	4.0	168
15	Schistosomes Induce Regulatory Features in Human and Mouse CD1dhi B Cells: Inhibition of Allergic Inflammation by IL-10 and Regulatory T Cells. <i>PLoS ONE</i> , 2012, 7, e30883.	2.5	157
16	Migrant $\hat{I}^+ \hat{I}^+$ and static $\hat{I}^+ \hat{I}^+$ B lymphocyte subsets. <i>European Journal of Immunology</i> , 1982, 12, 564-569.	2.9	154
17	The Role of Immune-Mediated Apparent Competition in Genetically Diverse Malaria Infections. <i>American Naturalist</i> , 2006, 168, 41-53.	2.1	131
18	A tolerogenic role for Toll-like receptor 9 is revealed by B-cell interaction with DNA complexes expressed on apoptotic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 887-892.	7.1	127

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19	TLR and B Cell Receptor Signals to B Cells Differentially Program Primary and Memory Th1 Responses to <i>Salmonella enterica</i> . <i>Journal of Immunology</i> , 2010, 185, 2783-2789.	0.8	125
20	CD4+CD25+ regulatory T cells limit the risk of autoimmune disease arising from T cell receptor crossreactivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 17418-17423.	7.1	118
21	ICOS controls Foxp3 + regulatory T cell expansion, maintenance and IL-10 production during helminth infection. <i>European Journal of Immunology</i> , 2013, 43, 705-715.	2.9	117
22	A role for antigen in the maintenance of immunological memory. <i>Nature Reviews Immunology</i> , 2002, 2, 60-65.	22.7	103
23	B Cell Intrinsic MyD88 Signals Drive IFN- γ Production from T Cells and Control Switching to IgG2c. <i>Journal of Immunology</i> , 2009, 183, 1005-1012.	0.8	100
24	T Cell Accumulation in B Cell Follicles Is Regulated by Dendritic Cells and Is Independent of B Cell Activation. <i>Journal of Experimental Medicine</i> , 2003, 197, 195-206.	8.5	94
25	T Cell-dependent Immune Response in C1q-deficient Mice: Defective Interferon γ Production by Antigen-specific T Cells. <i>Journal of Experimental Medicine</i> , 1998, 187, 1789-1797.	8.5	92
26	Differences in the recruitment of virgin B cells into antibody responses to thymus-dependent and thymus-independent type-2 antigens. <i>European Journal of Immunology</i> , 1986, 16, 1569-1575.	2.9	88
27	Virgin B cell recruitment and the lifespan of memory clones during antibody responses to 2,4-dinitrophenyl-hemocyanin. <i>European Journal of Immunology</i> , 1986, 16, 641-648.	2.9	79
28	Expansion, Selection and Mutation of Antigen-Specific B Cells in Germinal Centers. <i>Immunological Reviews</i> , 1992, 126, 47-61.	6.0	79
29	CD40 ligation in B cell activation, isotype switching and memory development. <i>Seminars in Immunology</i> , 1994, 6, 303-310.	5.6	77
30	Regulation of cytoplasmic, surface and soluble forms of CD40 ligand in mouse B cells. <i>European Journal of Immunology</i> , 1998, 28, 548-559.	2.9	72
31	Cellular Interactions Involved in Th Cell Memory. <i>Journal of Immunology</i> , 2000, 165, 3640-3646.	0.8	70
32	B cell memory to thymus-independent antigens type 1 and type 2: the role of lipopolysaccharide in B memory induction. <i>European Journal of Immunology</i> , 1988, 18, 1417-1424.	2.9	68
33	Marginal zone B cells express CR1 and CR2 receptors. <i>European Journal of Immunology</i> , 1984, 14, 47-52.	2.9	66
34	B-T Lymphocyte Interactions in the Generation and Survival of Memory Cells. <i>Immunological Reviews</i> , 1996, 150, 45-61.	6.0	66
35	β 21 Integrin Is Not Essential for Hematopoiesis but Is Necessary for the T Cell-Dependent IgM Antibody Response. <i>Immunity</i> , 2002, 16, 465-477.	14.3	66
36	Signals Involved in Germinal Center Reactions. <i>Immunological Reviews</i> , 1992, 126, 63-76.	6.0	62

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37	Innate responses of B cells. <i>European Journal of Immunology</i> , 2007, 37, 3304-3310.	2.9	62
38	Toll-like receptor 4 signalling through MyD88 is essential to control <i>Salmonella enterica</i> serovar Typhimurium infection, but not for the initiation of bacterial clearance. <i>Immunology</i> , 2009, 128, 472-483.	4.4	56
39	CD40 ligand signals optimize T helper cell cytokine production: role in Th2 development and induction of germinal centers. <i>European Journal of Immunology</i> , 1998, 28, 3371-3383.	2.9	54
40	Antigen-capturing Cells Can Masquerade as Memory B Cells. <i>Journal of Experimental Medicine</i> , 2003, 197, 1233-1244.	8.5	53
41	Receptor editing during affinity maturation. <i>Trends in Immunology</i> , 1999, 20, 196.	7.5	50
42	The role of ICOS in the development of CD4 T cell help and the reactivation of memory T cells. <i>European Journal of Immunology</i> , 2007, 37, 1796-1808.	2.9	50
43	Functional Specialization of Memory Th Cells Revealed by Expression of Integrin CD49b. <i>Journal of Immunology</i> , 2006, 177, 968-975.	0.8	47
44	Cutting Edge: IL-6-Dependent Autoimmune Disease: Dendritic Cells as a Sufficient, but Transient, Source. <i>Journal of Immunology</i> , 2013, 190, 881-885.	0.8	47
45	Analysis of Immunoglobulin (Ig) Isotype Diversity and Igm/D Memory in the Response to Phenyl-Oxazolone. <i>Journal of Experimental Medicine</i> , 2000, 191, 2209-2220.	8.5	44
46	CD4 memory T cells survive and proliferate but fail to differentiate in the absence of CD40. <i>Journal of Experimental Medicine</i> , 2006, 203, 897-906.	8.5	43
47	The generation of thymus-independent germinal centers depends on CD40 but not on CD154, the T cell-derived CD40-ligand. <i>European Journal of Immunology</i> , 2006, 36, 1665-1673.	2.9	42
48	Plasma Cell Homeostasis: The Effects of Chronic Antigen Stimulation and Inflammation. <i>Journal of Immunology</i> , 2013, 191, 3128-3138.	0.8	38
49	What are regulatory B cells?. <i>European Journal of Immunology</i> , 2010, 40, 2677-2679.	2.9	37
50	MyD88 Signaling Inhibits Protective Immunity to the Gastrointestinal Helminth Parasite <i>Heligmosomoides polygyrus</i> . <i>Journal of Immunology</i> , 2014, 193, 2984-2993.	0.8	34
51	B Cells: Programmers of CD4 T Cell Responses. <i>Infectious Disorders - Drug Targets</i> , 2012, 12, 222-231.	0.8	30
52	IL-10 permits transient activation of dendritic cells to tolerize T cells and protect from central nervous system autoimmune disease. <i>International Immunology</i> , 2007, 19, 1123-1134.	4.0	27
53	TLR-Mediated Loss of CD62L Focuses B Cell Traffic to the Spleen during <i>Salmonella typhimurium</i> Infection. <i>Journal of Immunology</i> , 2010, 185, 2737-2746.	0.8	27
54	Regulation of immunological memory. <i>Current Opinion in Immunology</i> , 1994, 6, 425-430.	5.5	26

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55	Signals That Initiate Somatic Hypermutation of B Cells In Vitro. <i>Journal of Immunology</i> , 2001, 166, 2228-2234.	0.8	26
56	Distinct sources and targets of IL-10 during dendritic cell-driven Th1 and Th2 responses in vivo. <i>European Journal of Immunology</i> , 2006, 36, 2367-2375.	2.9	24
57	Regulation of B cell growth and differentiation via CD21 and CD40. <i>European Journal of Immunology</i> , 1996, 26, 2203-2207.	2.9	23
58	In vitro immunization of naive mouse B cells: establishment of IgM secreting hybridomas specific for soluble protein or hapten from B cells cultured on CD40 ligand transfected mouse fibroblasts. <i>International Immunology</i> , 1996, 8, 343-349.	4.0	23
59	Regulatory B cells mediate tolerance to apoptotic self in health: implications for disease. <i>International Immunology</i> , 2015, 27, 505-511.	4.0	23
60	Immunological memory: a function of antigen persistence. <i>Trends in Microbiology</i> , 1993, 1, 39-41.	7.7	20
61	CD40-mediated regulation of interleukin-4 signaling pathways in B lymphocytes. <i>European Journal of Immunology</i> , 1996, 26, 1544-1552.	2.9	19
62	Heterogeneity of Phenotype and Function Reflects the Multistage Development of T Follicular Helper Cells. <i>Frontiers in Immunology</i> , 2017, 8, 489.	4.8	19
63	Immune Tolerance to Apoptotic Self Is Mediated Primarily by Regulatory B1a Cells. <i>Frontiers in Immunology</i> , 2017, 8, 1952.	4.8	19
64	Thanks for the memory. <i>Nature Immunology</i> , 2000, 1, 11-12.	14.5	17
65	Role of B cells in maintaining helper T cell memory. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2000, 355, 351-355.	4.0	17
66	In Human Autoimmunity, a Substantial Component of the B Cell Repertoire Consists of Polyclonal, Barely Mutated IgG+ve B Cells. <i>Frontiers in Immunology</i> , 2020, 11, 395.	4.8	16
67	Myeloid 12/15-LOX regulates B cell numbers and innate immune antibody levels in vivo. <i>Wellcome Open Research</i> , 2017, 2, 1.	1.8	16
68	Virulent <i>Salmonella enterica</i> infections can be exacerbated by concomitant infection of the host with a live attenuated <i>S. enterica</i> vaccine via Toll-like receptor 4-dependent interleukin-10 production with the involvement of both TRIF and MyD88. <i>Immunology</i> , 2008, 124, 469-479.	4.4	15
69	Observations on memory B-cell development. <i>Seminars in Immunology</i> , 1997, 9, 249-254.	5.6	14
70	CD4 ⁺ T cells do not mediate within-host competition between genetically diverse malaria parasites. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 1171-1179.	2.6	14
71	The regulated long-term delivery of therapeutic proteins by using antigen-specific B lymphocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 16298-16303.	7.1	13
72	Analysis of somatic mutation activity in multiple V _H genes involved in the response to 2-phenyl-5-oxazolone. <i>International Immunology</i> , 1993, 5, 573-581.	4.0	11

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73	The effect of carrier and carrier priming on the kinetics and pattern of somatic mutation in the V α Ox1 gene. <i>European Journal of Immunology</i> , 1995, 25, 2349-2354.	2.9	11
74	Viral immunity: Interferons jog old T-cell memories. <i>Current Biology</i> , 1996, 6, 1254-1255.	3.9	9
75	Quantum dots decorated with pathogen associated molecular patterns as fluorescent synthetic pathogen models. <i>Molecular BioSystems</i> , 2010, 6, 1572.	2.9	7
76	Is the Survival of Memory B Cells Dependent on the Persistence of Antigen?. <i>Advances in Experimental Medicine and Biology</i> , 1988, 237, 203-207.	1.6	6
77	B cells and the development of the T-cell repertoire. <i>Trends in Immunology</i> , 1984, 5, 316-317.	7.5	4
78	<sc>T_{FH}</sc> memory: More or less <sc>T_{FH}</sc>?. <i>European Journal of Immunology</i> , 2012, 42, 1977-1980.	2.9	4
79	Mixed-haplotype MHC class II molecules select functional CD4+ T cells. <i>Molecular Immunology</i> , 2005, 42, 1129-1139.	2.2	3
80	Lifespan of Immune Cells and Molecules. , 1998, , 1579-1583.		2
81	Netwhat?. <i>European Journal of Immunology</i> , 1992, 22, 2457-2460.	2.9	1
82	Jumping or walking: which is better?. <i>Trends in Immunology</i> , 2000, 21, 55.	7.5	1
83	Isolation of Cells Involved in the Germinal Center Reaction: Germinal Center B Cells and Follicular Dendritic Cells. , 1990, , 281-290.		1
84	Memory B Cells but not Virgin B Cells are Activated in Germinal Centers. <i>Advances in Experimental Medicine and Biology</i> , 1988, 237, 209-214.	1.6	1