David A Hildeman

List of Publications by Year in Descending Order

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Version: 2024-04-28

120 papers	8,558 citations	45 h-index	92 g-index
128 ext. papers	9,771 ext. citations	8.6 avg, IF	5.55 L-index

#	Paper	IF	Citations
120	Bcl-2 Is Necessary to Counteract Bim and Promote Survival of TCR□CD8□Intraepithelial Lymphocyte Precursors in the Thymus.. *Journal of Immunology*, **2022**,	5.3	1
119	Urine Proteomics and Renal Single Cell Transcriptomics Implicate IL-16 in Lupus Nephritis. *Arthritis and Rheumatology*, **2021**,	9.5	1
118	Advanced Genomics-Based Approaches for Defining Allograft Rejection With Single Cell Resolution. *Frontiers in Immunology*, **2021**, 12, 750754	8.4	0
117	Aging mitigates the severity of obesity-associated metabolic sequelae in a gender independent manner. *Nutrition and Diabetes*, **2021**, 11, 15	4.7	0
116	Plasma cell biology: Foundations for targeted therapeutic development in transplantation. *Immunological Reviews*, **2021**, 303, 168-186	11.3	1
115	Seroprevalence of SARS-CoV-2 infection in Cincinnati Ohio USA from August to December 2020. *PLoS ONE*, **2021**, 16, e0254667	3.7	0
114	Optimization of de novo belatacept-based immunosuppression administered to renal transplant recipients. *American Journal of Transplantation*, **2021**, 21, 1691-1698	8.7	3
113	Plasma cell targeting to prevent antibody-mediated rejection. *American Journal of Transplantation*, **2020**, 20 Suppl 4, 33-41	8.7	7
112	The Variable Genomic NK Cell Receptor Locus Is a Key Determinant of CD4+ T Cell Responses During Viral Infection. *Frontiers in Immunology*, **2020**, 11, 197	8.4	1
111	mTOR Inhibitor Therapy Diminishes Circulating CD8+ CD28- Effector Memory T Cells and Improves Allograft Inflammation in Belatacept-refractory Renal Allograft Rejection. *Transplantation*, **2020**, 104, 1058-1069	1.8	7
110	A prospective, iterative, adaptive trial of carfilzomib-based desensitization. *American Journal of Transplantation*, **2020**, 20, 411-421	8.7	21
109	PD1 blockade enhances K channel activity, Ca signaling, and migratory ability in cytotoxic T lymphocytes of patients with head and neck cancer **2020**, 8,		4
108	IL-10-producing Tfh cells accumulate with age and link inflammation with age-related immune suppression. *Science Advances*, **2020**, 6, eabb0806	14.3	18
107	T-cell receptor signal strength and epigenetic control of Bim predict memory CD8 T-cell fate. *Cell Death and Differentiation*, **2020**, 27, 1214-1224	12.7	9
106	High Dimensional Renal Profiling: Towards a Better Understanding or Renal Transplant Immune Suppression. *Current Transplantation Reports*, **2019**, 6, 60-68	1.5	
105	The immune cell landscape in kidneys of patients with lupus nephritis. *Nature Immunology*, **2019**, 20, 902-914	19.1	254
104	T-reg Homeostasis and Functions in Aging **2019**, 337-358		0

103	Olfactomedin 4 marks a subset of neutrophils in mice. *Innate Immunity*, **2019**, 25, 22-33	2.7	14
102	A guide to choosing fluorescent protein combinations for flow cytometric analysis based on spectral overlap. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2018**, 93, 556-562	4.6	5
101	Gimap5-dependent inactivation of GSK3is required for CD4 T cell homeostasis and prevention of immune pathology. *Nature Communications*, **2018**, 9, 430	17.4	16
100	Extending Remission and Reversing New-Onset Type 1 Diabetes by Targeted Ablation of Autoreactive T Cells. *Diabetes*, **2018**, 67, 2319-2328	0.9	2
99	IL-1 signaling mediates intrauterine inflammation and chorio-decidua neutrophil recruitment and activation. *JCI Insight*, **2018**, 3,	9.9	39
98	T-reg Homeostasis and Functions in Ageing **2018**, 1-22		0
97	Burn injury influences the T cell homeostasis in a butyrate-acid sphingomyelinase dependent manner. *Cellular Immunology*, **2017**, 313, 25-31	4.4	10
96	Dying to protect: cell death and the control of T-cell homeostasis. *Immunological Reviews*, **2017**, 277, 21-43	11.3	19
95	Manipulating DNA damage-response signaling for the treatment of immune-mediated diseases. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, E4782-E4791	11.5	26
94	The Bcl2a1 gene cluster finally knocked out: first clues to understanding the enigmatic role of the Bcl-2 protein A1. *Cell Death and Differentiation*, **2017**, 24, 572-574	12.7	4
93	Olfactomedin-4 Is a Candidate Marker for a Pathogenic Neutrophil Subset in Septic Shock. *Critical Care Medicine*, **2017**, 45, e426-e432	1.4	44
92	Tissue-specific control of latent CMV reactivation by regulatory T cells. *PLoS Pathogens*, **2017**, 13, e1006507	7.6	26
91	Temporal Expression of Bim Limits the Development of Agonist-Selected Thymocytes and Skews Their TCRRepertoire. *Journal of Immunology*, **2017**, 198, 257-269	5.3	11
90	Type I interferons regulate susceptibility to inflammation-induced preterm birth. *JCI Insight*, **2017**, 2, e91288	9.9	38
89	NKT cells contribute to basal IL-4 production but are not required to induce experimental asthma. *PLoS ONE*, **2017**, 12, e0188221	3.7	12
88	De novo DNA methylation by DNA methyltransferase 3a controls early effector CD8+ T-cell fate decisions following activation. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 10631-6	11.5	71
87	IL-4 and IL-15 promotion of virtual memory CD8 Tcells is determined by genetic background. *European Journal of Immunology*, **2016**, 46, 2333-2339	6.1	18
86	Helios-controller of Treg stability and function. *Translational Cancer Research*, **2016**, 5, S338-S341	0.3	11

85	Fecal Microbiota Transplant Restores Mucosal Integrity in a Murine Model of Burn Injury. *Shock*, **2016**, 45, 647-52	3.4	27
84	IL-6 and ICOS Antagonize Bim and Promote Regulatory T Cell Accrual with Age. *Journal of Immunology*, **2015**, 195, 944-52	5.3	43
83	Bim controls IL-15 availability and limits engagement of multiple BH3-only proteins. *Cell Death and Differentiation*, **2015**, 22, 174-84	12.7	12
82	IL-10/Janus kinase/signal transducer and activator of transcription 3 signaling dysregulates Bim expression in autoimmune lymphoproliferative syndrome. *Journal of Allergy and Clinical Immunology*, **2015**, 135, 762-70	11.5	12
81	Oncolytic HSV virotherapy in murine sarcomas differentially triggers an antitumor T-cell response in the absence of virus permissivity. *Molecular Therapy - Oncolytics*, **2015**, 1, 14010	6.4	30
80	Slp-76 is a critical determinant of NK-cell mediated recognition of missing-self targets. *European Journal of Immunology*, **2015**, 45, 2072-83	6.1	10
79	Etoposide selectively ablates activated T cells to control the immunoregulatory disorder hemophagocytic lymphohistiocytosis. *Journal of Immunology*, **2014**, 192, 84-91	5.3	105
78	Eliminating encephalitogenic T cells without undermining protective immunity. *Journal of Immunology*, **2014**, 192, 73-83	5.3	14
77	Correction: Eliminating Encephalitogenic T Cells without Undermining Protective Immunity. *Journal of Immunology*, **2014**, 192, 2522-2522	5.3	78
76	Impact of conditional deletion of the pro-apoptotic BCL-2 family member BIM in mice. *Cell Death and Disease*, **2014**, 5, e1446	9.8	21
75	Antiapoptotic Mcl-1 is critical for the survival and niche-filling capacity of Foxp3+ regulatory T cells. *Nature Immunology*, **2013**, 14, 959-65	19.1	172
74	Mitochondria are required for antigen-specific T cell activation through reactive oxygen species signaling. *Immunity*, **2013**, 38, 225-36	32.3	704
73	VEGF blockade enables oncolytic cancer virotherapy in part by modulating intratumoral myeloid cells. *Molecular Therapy*, **2013**, 21, 1014-23	11.7	27
72	Assessment of CD4(+) and CD8 (+) T cell responses using MHC class I and II tetramers. *Methods in Molecular Biology*, **2013**, 979, 71-9	1.4	6
71	Mcl-1 antagonizes Bax/Bak to promote effector CD4(+) and CD8(+) T-cell responses. *Cell Death and Differentiation*, **2013**, 20, 998-1007	12.7	36
70	Growth factor independent-1 maintains Notch1-dependent transcriptional programming of lymphoid precursors. *PLoS Genetics*, **2013**, 9, e1003713	6	18
69	175. *Critical Care Medicine*, **2013**, 41, A38	1.4	
68	IL-15 Fosters Age-Driven Regulatory T Cell Accrual in the Face of Declining IL-2 Levels. *Frontiers in Immunology*, **2013**, 4, 161	8.4	40

67	Homeostasis and function of regulatory T cells in aging. *Current Opinion in Immunology*, **2012**, 24, 482-7	7.8	103
66	Protecting and rescuing the effectors: roles of differentiation and survival in the control of memory T cell development. *Frontiers in Immunology*, **2012**, 3, 404	8.4	29
65	Divergent effects of calcineurin A□on regulatory and conventional T-cell homeostasis. *Clinical Immunology*, **2011**, 138, 321-30	9	6
64	A major role for Bim in regulatory T cell homeostasis. *Journal of Immunology*, **2011**, 186, 156-63	5.3	94
63	Bcl-2 allows effector and memory CD8+ T cells to tolerate higher expression of Bim. *Journal of Immunology*, **2011**, 186, 5729-37	5.3	64
62	Distinct roles of Cdc42 in thymopoiesis and effector and memory T cell differentiation. *PLoS ONE*, **2011**, 6, e18002	3.7	22
61	Contracting the 'mus cells'--does down-sizing suit us for diving into the memory pool?. *Immunological Reviews*, **2010**, 236, 54-67	11.3	27
60	RhoH regulates subcellular localization of ZAP-70 and Lck in T cell receptor signaling. *PLoS ONE*, **2010**, 5, e13970	3.7	25
59	Coordination of IL-7 receptor and T-cell receptor signaling by cell-division cycle 42 in T-cell homeostasis. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 18505-10	11.5	41
58	IL-7 promotes T cell viability, trafficking, and functionality and improves survival in sepsis. *Journal of Immunology*, **2010**, 184, 3768-79	5.3	228
57	Loss of T cell and B cell quiescence precedes the onset of microbial flora-dependent wasting disease and intestinal inflammation in Gimap5-deficient mice. *Journal of Immunology*, **2010**, 184, 3743-54	5.3	51
56	Response to Comment on □L-15 Prevents Apoptosis, Reverses Innate and Adaptive Immune Dysfunction, and Improves Survival in Sepsis□and Comment on □L-7 Promotes T Cell Viability, Trafficking, and Functionality and Improves Survival in Sepsis□*Journal of Immunology*, **2010**, 185, 789.2-790	5.3	
55	Interleukin-7 (IL-7) treatment accelerates neutrophil recruitment through gamma delta T-cell IL-17 production in a murine model of sepsis. *Infection and Immunity*, **2010**, 78, 4714-22	3.7	93
54	STAT5 is critical to maintain effector CD8+ T cell responses. *Journal of Immunology*, **2010**, 185, 2116-24	5.3	81
53	T cells are potent early mediators of the host response to sepsis. *Shock*, **2010**, 34, 327-36	3.4	54
52	T-cell activation differentially mediates the host response to sepsis. *Shock*, **2010**, 34, 377-83	3.4	24
51	Androgens suppress antigen-specific T cell responses and IFN-□production during intracranial LCMV infection. *Journal of Neuroimmunology*, **2010**, 226, 8-19	3.5	22
50	Immune responses to coiled coil supramolecular biomaterials. *Biomaterials*, **2010**, 31, 8475-83	15.6	48

49	Endogenously produced IL-4 nonredundantly stimulates CD8+ T cell proliferation. *Journal of Immunology*, **2009**, 182, 1429-38	5.3	43
48	Nonredundant roles for B cell-derived IL-10 in immune counter-regulation. *Journal of Immunology*, **2009**, 183, 2312-20	5.3	227
47	Native and aspirin-triggered lipoxins control innate immunity by inducing proteasomal degradation of TRAF6. *Journal of Experimental Medicine*, **2009**, 206, 2573	16.6	3
46	Gamma interferon signaling in macrophage lineage cells regulates central nervous system inflammation and chemokine production. *Journal of Virology*, **2009**, 83, 8604-15	6.6	32
45	Mutations in growth factor independent-1 associated with human neutropenia block murine granulopoiesis through colony stimulating factor-1. *Immunity*, **2008**, 28, 370-80	32.3	68
44	Native and aspirin-triggered lipoxins control innate immunity by inducing proteasomal degradation of TRAF6. *Journal of Experimental Medicine*, **2008**, 205, 1077-86	16.6	42
43	Proapoptotic Bcl-2 family member Bim promotes persistent infection and limits protective immunity. *Infection and Immunity*, **2008**, 76, 1179-85	3.7	22
42	Functional regulatory T cells accumulate in aged hosts and promote chronic infectious disease reactivation. *Journal of Immunology*, **2008**, 181, 1835-48	5.3	277
41	Rac GTPase isoforms Rac1 and Rac2 play a redundant and crucial role in T-cell development. *Blood*, **2008**, 112, 1767-75	2.2	82
40	Native and aspirin-triggered lipoxins control innate immunity by inducing proteasomal degradation of TRAF6. *Journal of Cell Biology*, **2008**, 181, i6-i6	7.3	
39	It's hard to get downstream without a raft: a commentary on "reactive oxygen species promote raft formation in T lymphocytes". *Free Radical Biology and Medicine*, **2007**, 42, 933-5	7.8	1
38	Apoptosis and the homeostatic control of immune responses. *Current Opinion in Immunology*, **2007**, 19, 516-21	7.8	104
37	Cutting Edge: Limiting amounts of IL-7 do not control contraction of CD4+ T cell responses. *Journal of Immunology*, **2007**, 178, 4027-31	5.3	39
36	Bim/Bcl-2 balance is critical for maintaining naive and memory T cell homeostasis. *Journal of Experimental Medicine*, **2007**, 204, 1665-75	16.6	162
35	Regulation of the interleukin-7 receptor alpha promoter by the Ets transcription factors PU.1 and GA-binding protein in developing B cells. *Journal of Biological Chemistry*, **2007**, 282, 14194-204	5.4	43
34	Gene Targeting of Cdc42 Reveals Its Essential Role in T Cell Development and Homeostasis.. *Blood*, **2007**, 110, 794-794	2.2	
33	RhoH Functions as an Adaptor Molecule for ZAP-70 in TCR Signaling Pathway.. *Blood*, **2007**, 110, 795-795	2.2	
32	An adenoviral vector for probing promoter activity in primary immune cells. *Journal of Immunological Methods*, **2006**, 311, 19-30	2.5	2

31	Bim mediates apoptosis of CD127(lo) effector T cells and limits T cell memory. *European Journal of Immunology*, **2006**, 36, 1694-706	6.1	96
30	Role of Bim in regulating CD8+ T-cell responses during chronic viral infection. *Journal of Virology*, **2006**, 80, 8627-38	6.6	59
29	Bax does not have to adopt its final form to drive T cell death. *Journal of Experimental Medicine*, **2006**, 203, 1147-52	16.6	16
28	RhoH GTPase recruits and activates Zap70 required for T cell receptor signaling and thymocyte development. *Nature Immunology*, **2006**, 7, 1182-90	19.1	85
27	Bax does not have to adopt its final form to drive T cell death. *Journal of Cell Biology*, **2006**, 173, i8-i8	7.3	
26	C5a negatively regulates toll-like receptor 4-induced immune responses. *Immunity*, **2005**, 22, 415-26	32.3	218
25	Cutting edge: emergence of CD127high functionally competent memory T cells is compromised by high viral loads and inadequate T cell help. *Journal of Immunology*, **2005**, 174, 5926-30	5.3	114
24	Regulation of cell death in the lymphoid system by Bcl-2 family proteins. *Acta Haematologica*, **2004**, 111, 42-55	2.7	9
23	Constitutive association of the proapoptotic protein Bim with Bcl-2-related proteins on mitochondria in T cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 7681-6	11.5	107
22	CD40 ligand dysregulation in HIV infection: HIV glycoprotein 120 inhibits signaling cascades upstream of CD40 ligand transcription. *Journal of Immunology*, **2004**, 172, 2678-86	5.3	46
21	Phosphorylation of Bax Ser184 by Akt regulates its activity and apoptosis in neutrophils. *Journal of Biological Chemistry*, **2004**, 279, 21085-95	5.4	309
20	Regulation of T-cell apoptosis by reactive oxygen species. *Free Radical Biology and Medicine*, **2004**, 36, 1496-504	7.8	63
19	Sensitization of T cells to apoptosis--a role for ROS?. *Apoptosis: an International Journal on Programmed Cell Death*, **2004**, 9, 515-23	5.4	57
18	An animal model of hemophagocytic lymphohistiocytosis (HLH): CD8+ T cells and interferon gamma are essential for the disorder. *Blood*, **2004**, 104, 735-43	2.2	487
17	Control of Bcl-2 expression by reactive oxygen species. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 15035-40	11.5	196
16	T cell apoptosis and reactive oxygen species. *Journal of Clinical Investigation*, **2003**, 111, 575-81	15.9	59
15	T cell apoptosis and reactive oxygen species. *Journal of Clinical Investigation*, **2003**, 111, 575-581	15.9	110
14	Molecular mechanisms of activated T cell death in vivo. *Current Opinion in Immunology*, **2002**, 14, 354-9	7.8	216

13	Stronger correlation of bcl-3 than bcl-2, bcl-xL, costimulation, or antioxidants with adjuvant-induced T cell survival. *Annals of the New York Academy of Sciences*, **2002**, 975, 114-31	6.5	25
12	Activated T cell death in vivo mediated by proapoptotic bcl-2 family member bim. *Immunity*, **2002**, 16, 759-67	32.3	477
11	Immunological adjuvants promote activated T cell survival via induction of Bcl-3. *Nature Immunology*, **2001**, 2, 397-402	19.1	194
10	Genomic-scale analysis of gene expression in resting and activated T cells. *Current Opinion in Immunology*, **2000**, 12, 206-9	7.8	49
9	Homeostasis of alpha beta TCR+ T cells. *Nature Immunology*, **2000**, 1, 107-11	19.1	224
8	Activation-induced inhibition of interleukin 6-mediated T cell survival and signal transducer and activator of transcription 1 signaling. *Journal of Experimental Medicine*, **2000**, 191, 915-26	16.6	79
7	Immunopathologic weight loss in intracranial LCMV infection initiated by the anorexigenic effects of IL-1beta. *Viral Immunology*, **2000**, 13, 273-85	1.7	17
6	T cells compete for access to antigen-bearing antigen-presenting cells. *Journal of Experimental Medicine*, **2000**, 192, 1105-13	16.6	371
5	Activation changes the spectrum but not the diversity of genes expressed by T cells. *Proceedings of the National Academy of Sciences of the United States of America*, **1999**, 96, 12691-6	11.5	191
4	Reactive oxygen species regulate activation-induced T cell apoptosis. *Immunity*, **1999**, 10, 735-44	32.3	404
3	T-cell survival. *Immunological Reviews*, **1998**, 165, 279-85	11.3	54
2	Increased yield of plasmid DNA during removal of CsCl by ethanol precipitation. *BioTechniques*, **1997**, 22, 878-9	2.5	3
1	Vaccination protects beta 2 microglobulin deficient mice from immune mediated mortality but not from persisting viral infection. *Vaccine*, **1996**, 14, 1223-9	4.1	11