

# David D Chaplin

## 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.

71  
papers

7,136  
citations

38  
h-index

84  
g-index

125  
ext. papers

7,770  
ext. citations

11.2  
avg, IF

5.86  
L-index

#	Paper	IF	Citations
71	Unique Lipid Signatures of Extracellular Vesicles from the Airways of Asthmatics. <i>Scientific Reports</i> , <b>2018</b> , 8, 10340	4.9	64
70	Distal airway microbiome is associated with immunoregulatory myeloid cell responses in lung transplant recipients. <i>Journal of Heart and Lung Transplantation</i> , <b>2017</b> ,	5.8	12
69	Subsets of airway myeloid-derived regulatory cells distinguish mild asthma from chronic obstructive pulmonary disease. <i>Journal of Allergy and Clinical Immunology</i> , <b>2015</b> , 135, 413-424.e15	11.5	21
68	IL-22-producing neutrophils contribute to antimicrobial defense and restitution of colonic epithelial integrity during colitis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 12768-73	11.5	240
67	Regulatory role of antigen-induced interleukin-10, produced by CD4(+) T cells, in airway neutrophilia in a murine model for asthma. <i>European Journal of Pharmacology</i> , <b>2012</b> , 677, 154-62	5.3	24
66	Toll-like receptor 4 engagement inhibits adenosine 5'monophosphate-activated protein kinase activation through a high mobility group box 1 protein-dependent mechanism. <i>Molecular Medicine</i> , <b>2012</b> , 18, 659-68	6.2	52
65	Vitronectin inhibits neutrophil apoptosis through activation of integrin-associated signaling pathways. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2012</b> , 46, 790-6	5.7	28
64	Inflammasome-derived IL-1 $\beta$ regulates the production of GM-CSF by CD4(+) T cells and $\gamma\delta$ T cells. <i>Journal of Immunology</i> , <b>2012</b> , 188, 3107-15	5.3	84
63	Important role of neutrophils in the late asthmatic response in mice. <i>Life Sciences</i> , <b>2011</b> , 88, 1127-35	6.8	33
62	Elevated levels of NO are localized to distal airways in asthma. <i>Free Radical Biology and Medicine</i> , <b>2011</b> , 50, 1679-88	7.8	15
61	Inhibition of the catalytic function of activation-induced cytidine deaminase promotes apoptosis of germinal center B cells in BXD2 mice. <i>Arthritis and Rheumatism</i> , <b>2011</b> , 63, 2038-48		27
60	AMP-activated protein kinase enhances the phagocytic ability of macrophages and neutrophils. <i>FASEB Journal</i> , <b>2011</b> , 25, 4358-68	0.9	97
59	Neutrophils produce interleukin 17A (IL-17A) in a dectin-1- and IL-23-dependent manner during invasive fungal infection. <i>Infection and Immunity</i> , <b>2011</b> , 79, 3966-77	3.7	140
58	Inhibition of neutrophil apoptosis by PAI-1. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2011</b> , 301, L247-54	5.8	25
57	Marginal zone precursor B cells as cellular agents for type I IFN-promoted antigen transport in autoimmunity. <i>Journal of Immunology</i> , <b>2010</b> , 184, 442-51	5.3	29
56	Overview of the immune response. <i>Journal of Allergy and Clinical Immunology</i> , <b>2010</b> , 125, S3-23	11.5	800
55	Immunology. Tumor immune evasion. <i>Science</i> , <b>2010</b> , 328, 697-8	33.3	40

54	Follicular dendritic cell makes environmental sense. <i>Immunity</i> , <b>2010</b> , 33, 2-4	32.3	5
53	Critical role of macrophages and their activation via MyD88-NFB signaling in lung innate immunity to <i>Mycoplasma pneumoniae</i> . <i>PLoS ONE</i> , <b>2010</b> , 5, e14417	3.7	50
52	MMP induced by Gr-1+ cells are crucial for recruitment of Th cells into the airways. <i>European Journal of Immunology</i> , <b>2009</b> , 39, 2281-92	6.1	10
51	The lymphotoxin LTalpha(1)beta(2) controls postnatal and adult spleen marginal sinus vascular structure and function. <i>Immunity</i> , <b>2009</b> , 30, 408-20	32.3	35
50	Interleukin 17-producing T helper cells and interleukin 17 orchestrate autoreactive germinal center development in autoimmune BXD2 mice. <i>Nature Immunology</i> , <b>2008</b> , 9, 166-75	19.1	571
49	Targeted deletion of the murine corneodesmosin gene delineates its essential role in skin and hair physiology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 6720-4	11.5	47
48	Overview of Immunology in the Mouse <i>Molecular and Cellular Immunology</i> <b>2007</b> , 1-55		
47	Antigen and lipopolysaccharide play synergistic roles in the effector phase of airway inflammation in mice. <i>American Journal of Pathology</i> , <b>2006</b> , 168, 1425-34	5.8	21
46	1. Overview of the human immune response. <i>Journal of Allergy and Clinical Immunology</i> , <b>2006</b> , 117, S430-5	11.5	75
45	Taking control of follicular dendritic cells. <i>Immunity</i> , <b>2006</b> , 24, 13-5	32.3	7
44	CD70+ antigen-presenting cells control the proliferation and differentiation of T cells in the intestinal mucosa. <i>Nature Immunology</i> , <b>2005</b> , 6, 698-706	19.1	95
43	Induction of a late asthmatic response associated with airway inflammation in mice. <i>European Journal of Pharmacology</i> , <b>2005</b> , 521, 144-55	5.3	38
42	Intravital microscopy comparing T lymphocyte trafficking to the spleen and the mesenteric lymph node. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2003</b> , 284, H2213-26	5.2	41
41	1. Overview of the immune response. <i>Journal of Allergy and Clinical Immunology</i> , <b>2003</b> , 111, S442-59	11.5	44
40	Isolated lymphoid follicle formation is inducible and dependent upon lymphotoxin-sufficient B lymphocytes, lymphotoxin beta receptor, and TNF receptor I function. <i>Journal of Immunology</i> , <b>2003</b> , 170, 5475-82	5.3	246
39	Cell cooperation in development of eosinophil-predominant inflammation in airways. <i>Immunologic Research</i> , <b>2002</b> , 26, 55-62	4.3	15
38	IgE cross-linking or lipopolysaccharide treatment induces recruitment of Th2 cells to the lung in the absence of specific antigen. <i>Journal of Immunology</i> , <b>2002</b> , 169, 5468-76	5.3	26
37	Nonhematopoietic expression of Janus kinase 3 is required for efficient recruitment of Th2 lymphocytes and eosinophils in OVA-induced airway inflammation. <i>Journal of Immunology</i> , <b>2002</b> , 168, 2475-82	5.3	13

36	Regulation of spleen white pulp structure and function by lymphotoxin. <i>Advances in Experimental Medicine and Biology</i> , <b>2002</b> , 512, 49-56	3.6	7
35	IL-1beta is essential for langerhans cell activation and antigen delivery to the lymph nodes during contact sensitization: evidence for a dermal source of IL-1beta. <i>Cellular Immunology</i> , <b>2001</b> , 211, 105-12	4.4	37
34	Confocal fluorescent intravital microscopy of the murine spleen. <i>Journal of Immunological Methods</i> , <b>2001</b> , 256, 55-63	2.5	22
33	Signaling through TNF receptor p55 in TNF-alpha-deficient mice alters the CXCL13/CCL19/CCL21 ratio in the spleen and induces maturation and migration of anergic B cells into the B cell follicle. <i>Journal of Immunology</i> , <b>2001</b> , 167, 1920-8	5.3	24
32	Essential role of lymph nodes in contact hypersensitivity revealed in lymphotoxin-alpha-deficient mice. <i>Journal of Experimental Medicine</i> , <b>2001</b> , 193, 1227-38	16.6	51
31	Antigen persistence is required for somatic mutation and affinity maturation of immunoglobulin. <i>European Journal of Immunology</i> , <b>2000</b> , 30, 2226-34	6.1	42
30	Lymphotoxin-alpha-dependent spleen microenvironment supports the generation of memory B cells and is required for their subsequent antigen-induced activation. <i>Journal of Immunology</i> , <b>2000</b> , 164, 2508-14	5.3	57
29	Could asthma be worsened by stimulating the T-helper type 1 immune response?. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2000</b> , 22, 143-6	5.7	53
28	Development and maturation of secondary lymphoid tissues. <i>Annual Review of Immunology</i> , <b>1999</b> , 17, 399-433	34.7	556
27	The role of CCR7 in TH1 and TH2 cell localization and delivery of B cell help in vivo. <i>Science</i> , <b>1999</b> , 286, 2159-62	33.3	160
26	Cooperation between Th1 and Th2 cells in a murine model of eosinophilic airway inflammation. <i>Journal of Clinical Investigation</i> , <b>1999</b> , 104, 1021-9	15.9	248
25	Cytokine regulation of secondary lymphoid organ development. <i>Current Opinion in Immunology</i> , <b>1998</b> , 10, 289-97	7.8	107
24	B lymphocytes induce the formation of follicular dendritic cell clusters in a lymphotoxin alpha-dependent fashion. <i>Journal of Experimental Medicine</i> , <b>1998</b> , 187, 1009-18	16.6	247
23	Distinct roles of lymphotoxin alpha and the type I tumor necrosis factor (TNF) receptor in the establishment of follicular dendritic cells from non-bone marrow-derived cells. <i>Journal of Experimental Medicine</i> , <b>1997</b> , 186, 1997-2004	16.6	107
22	Lymphotoxin-alpha (LTalpha) supports development of splenic follicular structure that is required for IgG responses. <i>Journal of Experimental Medicine</i> , <b>1997</b> , 185, 2111-20	16.6	166
21	Lymphotoxin-alpha-deficient and TNF receptor-I-deficient mice define developmental and functional characteristics of germinal centers. <i>Immunological Reviews</i> , <b>1997</b> , 156, 137-44	11.3	118
20	Affinity maturation without germinal centres in lymphotoxin-alpha-deficient mice. <i>Nature</i> , <b>1996</b> , 382, 462-6	50.4	290
19	Construction of a genomic DNA feature map by sequencing from nested deletions: application to the HLA class I region. <i>Nucleic Acids Research</i> , <b>1995</b> , 23, 117-22	20.1	9

18	Restriction map of a 35-kb HLA fragment constructed by nested deletion and drop-out mapping. <i>Gene</i> , <b>1995</b> , 164, 335-9	3.8	1
17	Feature mapping of the HLA class I region: localization of the POU5F1 and TCF19 genes. <i>Genomics</i> , <b>1995</b> , 30, 53-8	4.3	34
16	A novel Creb family gene telomeric of HLA-DRA in the HLA complex. <i>Genomics</i> , <b>1995</b> , 30, 149-56	4.3	31
15	An NFIL-6 sequence near the transcriptional initiation site is necessary for the lipopolysaccharide induction of murine interleukin-1 beta. <i>DNA and Cell Biology</i> , <b>1994</b> , 13, 561-9	3.6	15
14	Abnormal development of peripheral lymphoid organs in mice deficient in lymphotoxin. <i>Science</i> , <b>1994</b> , 264, 703-7	33.3	848
13	Highly informative typing of the human TNF locus using six adjacent polymorphic markers. <i>Genomics</i> , <b>1993</b> , 16, 180-6	4.3	260
12	Chromosomal localization of five murine HSP70 gene family members: Hsp70-1, Hsp70-2, Hsp70-3, Hsc70t, and Grp78. <i>Genomics</i> , <b>1993</b> , 16, 193-8	4.3	68
11	Regulation of IL-1 gene expression: differential responsiveness of murine macrophage lines. <i>Cytokine</i> , <b>1993</b> , 5, 327-35	4	20
10	Molecular linkage of the HLA-DR, HLA-DQ, and HLA-DO genes in yeast artificial chromosomes. <i>Genomics</i> , <b>1991</b> , 11, 577-86	4.3	7
9	The B144-H-2Db interval and the location of a mouse homologue of the human D6S81E locus. <i>Immunogenetics</i> , <b>1990</b> , 32, 200-4	3.2	17
8	Interleukin-1 alpha and beta genes: linkage on chromosome 2 in the mouse. <i>Immunogenetics</i> , <b>1987</b> , 26, 339-43	3.2	67
7	Deletion of C4A genes in patients with systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , <b>1987</b> , 30, 1015-22		115
6	Molecular analysis of 21-hydroxylase gene expression in mouse adrenal cells. <i>Endocrine Research</i> , <b>1986</b> , 12, 409-27	1.9	10
5	Molecular organization and in vitro expression of murine class III genes. <i>Immunological Reviews</i> , <b>1985</b> , 87, 61-80	11.3	13
4	Two steroid 21-hydroxylase genes are located in the murine S region. <i>Nature</i> , <b>1984</b> , 312, 465-7	50.4	128
3	Expression of hemolytically active murine fourth component of complement in transfected L cells. <i>Cell</i> , <b>1984</b> , 37, 569-76	56.2	37
2	Inhibition of lectin-induced lymphocyte activation by diamide and other sulfhydryl reagents. <i>Cellular Immunology</i> , <b>1978</b> , 36, 303-11	4.4	49
1	The effects of thrombin on phytohemagglutinin receptor sites in human platelets. <i>Journal of Cell Biology</i> , <b>1974</b> , 60, 541-53	7.3	45

