

David F Tough

List of Publications by Year in descending order

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88
papers

12,624
citations

34105

52
h-index

49909

87
g-index

89
all docs

89
docs citations

89
times ranked

14907
citing authors

#	ARTICLE	IF	CITATIONS
1	Potent and Selective Stimulation of Memory-Phenotype CD8+ T Cells In Vivo by IL-15. <i>Immunity</i> , 1998, 8, 591-599.	14.3	1,146
2	Type I Interferons Potently Enhance Humoral Immunity and Can Promote Isotype Switching by Stimulating Dendritic Cells In Vivo. <i>Immunity</i> , 2001, 14, 461-470.	14.3	865
3	Cross-priming of CD8+ T cells stimulated by virus-induced type I interferon. <i>Nature Immunology</i> , 2003, 4, 1009-1015.	14.5	715
4	Remodeling of the Enhancer Landscape during Macrophage Activation Is Coupled to Enhancer Transcription. <i>Molecular Cell</i> , 2013, 51, 310-325.	9.7	616
5	Links between innate and adaptive immunity via type I interferon. <i>Current Opinion in Immunology</i> , 2002, 14, 432-436.	5.5	518
6	Type I interferons produced by dendritic cells promote their phenotypic and functional activation. <i>Blood</i> , 2002, 99, 3263-3271.	1.4	446
7	Initial T cell frequency dictates memory CD8+ T cell lineage commitment. <i>Nature Immunology</i> , 2005, 6, 793-799.	14.5	400
8	IL-15 Is Expressed by Dendritic Cells in Response to Type I IFN, Double-Stranded RNA, or Lipopolysaccharide and Promotes Dendritic Cell Activation. <i>Journal of Immunology</i> , 2001, 167, 1179-1187.	0.8	389
9	The Development, Maturation, and Turnover Rate of Mouse Spleen Dendritic Cell Populations. <i>Journal of Immunology</i> , 2000, 165, 6762-6770.	0.8	368
10	Type I Interferon-mediated Stimulation of T Cells by CpG DNA. <i>Journal of Experimental Medicine</i> , 1998, 188, 2335-2342.	8.5	337
11	Cutting Edge: Enhancement of Antibody Responses Through Direct Stimulation of B and T Cells by Type I IFN. <i>Journal of Immunology</i> , 2006, 176, 2074-2078.	0.8	320
12	T Cell Stimulation In Vivo by Lipopolysaccharide (LPS). <i>Journal of Experimental Medicine</i> , 1997, 185, 2089-2094.	8.5	300
13	IL-15 Promotes the Survival of Naive and Memory Phenotype CD8+ T Cells. <i>Journal of Immunology</i> , 2003, 170, 5018-5026.	0.8	300
14	Selective targeting of BD1 and BD2 of the BET proteins in cancer and immunoinflammation. <i>Science</i> , 2020, 368, 387-394.	12.6	274
15	<i>In vivo</i> kinetics of human natural killer cells: the effects of ageing and acute and chronic viral infection. <i>Immunology</i> , 2007, 121, 258-265.	4.4	257
16	Direct Stimulation of T Cells by Type I IFN Enhances the CD8+ T Cell Response during Cross-Priming. <i>Journal of Immunology</i> , 2006, 176, 4682-4689.	0.8	248
17	Type I IFN as a Natural Adjuvant for a Protective Immune Response: Lessons from the Influenza Vaccine Model. <i>Journal of Immunology</i> , 2002, 169, 375-383.	0.8	208
18	T Cell Death and Memory. <i>Science</i> , 2001, 293, 245-248.	12.6	191

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19	Potent antimyeloma activity of the novel bromodomain inhibitors I-BET151 and I-BET762. <i>Blood</i> , 2014, 123, 697-705.	1.4	184
20	Qualitative differences between naive and memory T cells. <i>Immunology</i> , 2002, 106, 127-138.	4.4	181
21	Selective inhibition of CD4 ⁺ T-cell cytokine production and autoimmunity by BET protein and c-Myc inhibitors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 14532-14537.	7.1	177
22	Rapid Turnover of Effector Memory CD4 ⁺ T Cells in Healthy Humans. <i>Journal of Experimental Medicine</i> , 2004, 200, 255-260.	8.5	176
23	Type I Interferon as a Link Between Innate and Adaptive Immunity through Dendritic Cell Stimulation. <i>Leukemia and Lymphoma</i> , 2004, 45, 257-264.	1.3	162
24	Preferential Induction of CD4 ⁺ T Cell Responses through In Vivo Targeting of Antigen to Dendritic Cell-Associated C-Type Lectin-1. <i>Journal of Immunology</i> , 2006, 177, 2276-2284.	0.8	162
25	Developmental kinetics and lifespan of dendritic cells in mouse lymphoid organs. <i>Blood</i> , 2002, 100, 1734-41.	1.4	160
26	B-cell kinetics in humans: rapid turnover of peripheral blood memory cells. <i>Blood</i> , 2005, 105, 3633-3640.	1.4	155
27	Dendritic Cells and NK Cells Stimulate Bystander T Cell Activation in Response to TLR Agonists through Secretion of IFN- γ and IFN- β . <i>Journal of Immunology</i> , 2005, 174, 767-776.	0.8	136
28	Epigenetic drug discovery: breaking through the immune barrier. <i>Nature Reviews Drug Discovery</i> , 2016, 15, 835-853.	46.4	136
29	In silico identified CCR4 antagonists target regulatory T cells and exert adjuvant activity in vaccination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 10221-10226.	7.1	126
30	Surveillance of Antigen-Presenting Cells by CD4 ⁺ CD25 ⁺ Regulatory T Cells in Autoimmunity. <i>American Journal of Pathology</i> , 2009, 174, 1575-1587.	3.8	123
31	Modulating PCAF/GCN5 Immune Cell Function through a PROTAC Approach. <i>ACS Chemical Biology</i> , 2018, 13, 2862-2867.	3.4	118
32	Measurement and modeling of human T cell kinetics. <i>European Journal of Immunology</i> , 2003, 33, 2316-2326.	2.9	114
33	Fully Functional Memory CD8 T Cells in the Absence of CD4 T Cells. <i>Journal of Immunology</i> , 2004, 173, 969-975.	0.8	111
34	CD40 Ligand-Mediated Interactions Are Involved in the Generation of Memory CD8 ⁺ Cytotoxic T Lymphocytes (CTL) but Are Not Required for the Maintenance of CTL Memory following Virus Infection. <i>Journal of Virology</i> , 1998, 72, 7440-7449.	3.4	111
35	Type I interferon as a stimulus for cross-priming. <i>Cytokine and Growth Factor Reviews</i> , 2008, 19, 33-40.	7.2	108
36	In vivo T lymphocyte dynamics in humans and the impact of human T-lymphotropic virus 1 infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 8035-8040.	7.1	105

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37	Direct Measurement of T Cell Subset Kinetics In Vivo in Elderly Men and Women. <i>Journal of Immunology</i> , 2004, 173, 1787-1794.	0.8	104
38	Modulation of T cell function by type I interferon. <i>Immunology and Cell Biology</i> , 2012, 90, 492-497.	2.3	100
39	Lifespan of $\hat{\gamma}$ / $\hat{\delta}$ T Cells. <i>Journal of Experimental Medicine</i> , 1998, 187, 357-365.	8.5	96
40	An IFN- $\hat{\gamma}$ -Dependent Pathway Controls Stimulation of Memory Phenotype CD8+ T Cell Turnover In Vivo by IL-12, IL-18, and IFN- $\hat{\gamma}$. <i>Journal of Immunology</i> , 2001, 166, 6007-6011.	0.8	95
41	Shaping of adaptive immune responses to soluble proteins by TLR agonists: A role for IFN- $\hat{\gamma}$ / $\hat{\delta}$. <i>Immunology and Cell Biology</i> , 2004, 82, 596-602.	2.3	89
42	Lifespan of lymphocytes. <i>Immunologic Research</i> , 1995, 14, 1-12.	2.9	82
43	Chromatin activity at GWAS loci identifies T cell states driving complex immune diseases. <i>Nature Genetics</i> , 2019, 51, 1486-1493.	21.4	81
44	Human Dendritic Cells Acquire a Semimature Phenotype and Lymph Node Homing Potential through Interaction with CD4+CD25+ Regulatory T Cells. <i>Journal of Immunology</i> , 2007, 178, 4184-4193.	0.8	79
45	Viruses and T Cell Turnover: Evidence for Bystander Proliferation. <i>Immunological Reviews</i> , 1996, 150, 129-142.	6.0	78
46	Life span of naive and memory t cells. <i>Stem Cells</i> , 1995, 13, 242-249.	3.2	74
47	Factors controlling the turnover of T memory cells. <i>Immunological Reviews</i> , 1997, 156, 79-85.	6.0	73
48	Modulation of Dendritic Cell Maturation and Function by B Lymphocytes. <i>Journal of Immunology</i> , 2005, 175, 15-20.	0.8	72
49	Discovery of a Potent, Cell Penetrant, and Selective p300/CBP-Associated Factor (PCAF)/General Control Nonderepressible 5 (GCN5) Bromodomain Chemical Probe. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 695-709.	6.4	70
50	Prolonged exposure of naive CD8 ⁺ T cells to interleukin-7 or interleukin-15 stimulates proliferation without differentiation or loss of telomere length. <i>Immunology</i> , 2006, 119, 243-253.	4.4	68
51	Rescuing CD4+CD25+ regulatory T-cell functions in rheumatoid arthritis by cytokine-targeted monoclonal antibody therapy. <i>Drug Discovery Today</i> , 2007, 12, 548-552.	6.4	59
52	Bromodomain Proteins Contribute to Maintenance of Bloodstream Form Stage Identity in the African Trypanosome. <i>PLoS Biology</i> , 2015, 13, e1002316.	5.6	58
53	Tissue-Level Regulation of Th1 and Th2 Primary and Memory CD4 T Cells in Response to <i>Listeria</i> Infection. <i>Journal of Immunology</i> , 2002, 168, 4504-4510.	0.8	53
54	Requirement for CD70 in CD4+ Th Cell-Dependent and Innate Receptor-Mediated CD8+ T Cell Priming. <i>Journal of Immunology</i> , 2006, 177, 2969-2975.	0.8	53

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55	Toward the Discovery of Vaccine Adjuvants: Coupling In Silico Screening and In Vitro Analysis of Antagonist Binding to Human and Mouse CCR4 Receptors. <i>PLoS ONE</i> , 2009, 4, e8084.	2.5	51
56	BET bromodomain inhibition reduces maturation and enhances tolerogenic properties of human and mouse dendritic cells. <i>Molecular Immunology</i> , 2016, 79, 66-76.	2.2	47
57	BACH2 drives quiescence and maintenance of resting Treg cells to promote homeostasis and cancer immunosuppression. <i>Journal of Experimental Medicine</i> , 2020, 217, .	8.5	47
58	Rapid turnover of T cells in acute infectious mononucleosis. <i>European Journal of Immunology</i> , 2003, 33, 2655-2665.	2.9	41
59	Induction of CD8+ T cell responses through targeting of antigen to Dectin-2. <i>Cellular Immunology</i> , 2006, 239, 87-91.	3.0	41
60	T-Cell turnover in vivo and the role of cytokines. <i>Immunology Letters</i> , 1999, 65, 21-25.	2.5	39
61	BET bromodomain inhibition promotes neurogenesis while inhibiting gliogenesis in neural progenitor cells. <i>Stem Cell Research</i> , 2016, 17, 212-221.	0.7	38
62	Immune disease-associated variants in gene enhancers point to BET epigenetic mechanisms for therapeutic intervention. <i>Epigenomics</i> , 2017, 9, 573-584.	2.1	37
63	Targeting CCR4 as an emerging strategy for cancer therapy and vaccines. <i>Trends in Pharmacological Sciences</i> , 2014, 35, 163-165.	8.7	36
64	Regulation of immune cell homeostasis by type I interferons. <i>Cytokine and Growth Factor Reviews</i> , 2010, 21, 227-236.	7.2	34
65	Type I IFN regulate DC turnover <i>in vivo</i> . <i>European Journal of Immunology</i> , 2009, 39, 1807-1818.	2.9	31
66	Bystander stimulation of T cells in vivo by cytokines. <i>Veterinary Immunology and Immunopathology</i> , 1998, 63, 123-129.	1.2	30
67	Bromodomains: a new target class for small molecule drug discovery. <i>Drug Discovery Today: Therapeutic Strategies</i> , 2012, 9, e111-e120.	0.5	30
68	HDAC3 Mediates the Inflammatory Response and LPS Tolerance in Human Monocytes and Macrophages. <i>Frontiers in Immunology</i> , 2020, 11, 550769.	4.8	30
69	A role for CD44 in T cell development and function during direct competition between CD44+ and CD44 ^{hi} cells. <i>European Journal of Immunology</i> , 2007, 37, 925-934.	2.9	29
70	Salmonella typhimurium infection triggers dendritic cells and macrophages to adopt distinct migration patterns <i>in vivo</i> . <i>European Journal of Immunology</i> , 2006, 36, 2939-2950.	2.9	25
71	Bromodomain proteins regulate human cytomegalovirus latency and reactivation allowing epigenetic therapeutic intervention. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	25
72	Epigenetic pathway targets for the treatment of disease: accelerating progress in the development of pharmacological tools: <i>IUPHAR</i> Review 11. <i>British Journal of Pharmacology</i> , 2014, 171, 4981-5010.	5.4	23

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73	Altered CD45 isoform expression affects lymphocyte function in CD45 Tg mice. <i>International Immunology</i> , 2004, 16, 1323-1332.	4.0	20
74	Preclinical models of arthritis for studying immunotherapy and immune tolerance. <i>Annals of the Rheumatic Diseases</i> , 2021, 80, 1268-1277.	0.9	20
75	A role for the transcription factor RelB in IFN- γ production and in IFN- γ -stimulated cross-priming. <i>European Journal of Immunology</i> , 2006, 36, 2085-2093.	2.9	17
76	Modification of TLR-induced activation of human dendritic cells by type I IFN: synergistic interaction with TLR4 but not TLR3 agonists. <i>European Journal of Immunology</i> , 2006, 36, 1827-1836.	2.9	16
77	BET Bromodomain Inhibitor iBET151 Impedes Human ILC2 Activation and Prevents Experimental Allergic Lung Inflammation. <i>Frontiers in Immunology</i> , 2019, 10, 678.	4.8	16
78	Anti-viral immunity: Spotting virus-specific T cells. <i>Current Biology</i> , 1998, 8, R498-R501.	3.9	15
79	Selective Targeting of Epigenetic Readers and Histone Deacetylases in Autoimmune and Inflammatory Diseases: Recent Advances and Future Perspectives. <i>Journal of Personalized Medicine</i> , 2021, 11, 336.	2.5	13
80	Regulation of natural antibody binding and susceptibility to natural killer cells through Zn ⁺⁺ -inducible oncogene expression. <i>International Journal of Cancer</i> , 1992, 50, 423-430.	5.1	9
81	Interferon with dendritic cells?. <i>Nature Immunology</i> , 2001, 2, 1098-1100.	14.5	8
82	Identification of a Distal Locus Enhancer Element That Controls Cell Type-specific TNF and LTA Gene Expression in Human T Cells. <i>Journal of Immunology</i> , 2020, 205, 2479-2488.	0.8	8
83	Novel Insights Into Rheumatoid Arthritis Through Characterization of Concordant Changes in DNA Methylation and Gene Expression in Synovial Biopsies of Patients With Differing Numbers of Swollen Joints. <i>Frontiers in Immunology</i> , 2021, 12, 651475.	4.8	7
84	Interaction of foot-and-mouth disease virus with dendritic cells. <i>Trends in Microbiology</i> , 2006, 14, 346-347.	7.7	5
85	Turnabout Is Fair Play: T Cell Stimulation by Dendritic Cell-Expressed CD40L. <i>Immunity</i> , 2009, 30, 171-173.	14.3	3
86	'3d' effects on global immunity. <i>Nature Immunology</i> , 2006, 7, 127-128.	14.5	2
87	Influenza's signature move. <i>Nature Immunology</i> , 2018, 19, 518-520.	14.5	1
88	Systematic analysis of immunodeficiency. <i>Nature Immunology</i> , 2014, 15, 1097-1098.	14.5	0