

Philip R Taylor

List of Publications by Year in descending order

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105
papers

18,032
citations

31976

53
h-index

30922

102
g-index

110
all docs

110
docs citations

110
times ranked

24909
citing authors

#	ARTICLE	IF	CITATIONS
1	Monocyte and macrophage heterogeneity. <i>Nature Reviews Immunology</i> , 2005, 5, 953-964.	22.7	4,366
2	Tissue-resident macrophages. <i>Nature Immunology</i> , 2013, 14, 986-995.	14.5	1,621
3	Dectin-1 is required for β -glucan recognition and control of fungal infection. <i>Nature Immunology</i> , 2007, 8, 31-38.	14.5	1,042
4	Dectin-1 Is A Major β -Glucan Receptor On Macrophages. <i>Journal of Experimental Medicine</i> , 2002, 196, 407-412.	8.5	902
5	A Hierarchical Role for Classical Pathway Complement Proteins in the Clearance of Apoptotic Cells in Vivo. <i>Journal of Experimental Medicine</i> , 2000, 192, 359-366.	8.5	696
6	The β -Glucan Receptor, Dectin-1, Is Predominantly Expressed on the Surface of Cells of the Monocyte/Macrophage and Neutrophil Lineages. <i>Journal of Immunology</i> , 2002, 169, 3876-3882.	0.8	580
7	Anticancer Chemotherapy-Induced Intratumoral Recruitment and Differentiation of Antigen-Presenting Cells. <i>Immunity</i> , 2013, 38, 729-741.	14.3	572
8	Dectin-2 is a Syk-coupled pattern recognition receptor crucial for Th17 responses to fungal infection. <i>Journal of Experimental Medicine</i> , 2009, 206, 2037-2051.	8.5	411
9	Anti-inflammatory activity of IgG1 mediated by Fc galactosylation and association of Fc γ RIIB and dectin-1. <i>Nature Medicine</i> , 2012, 18, 1401-1406.	30.7	405
10	Syk kinase is required for collaborative cytokine production induced through Dectin-1 and Toll-like receptors. <i>European Journal of Immunology</i> , 2008, 38, 500-506.	2.9	328
11	The carbohydrate-recognition domain of Dectin-2 is a C-type lectin with specificity for high mannose. <i>Glycobiology</i> , 2006, 16, 422-430.	2.5	327
12	The Transcription Factor Gata6 Links Tissue Macrophage Phenotype and Proliferative Renewal. <i>Science</i> , 2014, 344, 645-648.	12.6	317
13	The mannose receptor: linking homeostasis and immunity through sugar recognition. <i>Trends in Immunology</i> , 2005, 26, 104-110.	6.8	298
14	Interleukin-6 Signaling Drives Fibrosis in Unresolved Inflammation. <i>Immunity</i> , 2014, 40, 40-50.	14.3	297
15	Tissue-resident macrophages: then and now. <i>Immunology</i> , 2015, 144, 541-548.	4.4	274
16	Distinct bone marrow-derived and tissue-resident macrophage lineages proliferate at key stages during inflammation. <i>Nature Communications</i> , 2013, 4, 1886.	12.8	261
17	Dectin-1 Expression and Function Are Enhanced on Alternatively Activated and GM-CSF-Treated Macrophages and Are Negatively Regulated by IL-10, Dexamethasone, and Lipopolysaccharide. <i>Journal of Immunology</i> , 2003, 171, 4569-4573.	0.8	225
18	Recognition of Bacterial Capsular Polysaccharides and Lipopolysaccharides by the Macrophage Mannose Receptor. <i>Journal of Biological Chemistry</i> , 2002, 277, 41613-41623.	3.4	188

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19	A quantifiable proliferative burst of tissue macrophages restores homeostatic macrophage populations after acute inflammation. <i>European Journal of Immunology</i> , 2011, 41, 2155-2164.	2.9	187
20	The Role of SIGNR1 and the β -Glucan Receptor (Dectin-1) in the Nonopsonic Recognition of Yeast by Specific Macrophages. <i>Journal of Immunology</i> , 2004, 172, 1157-1162.	0.8	183
21	Restoration of Pattern Recognition Receptor Costimulation to Treat Chromoblastomycosis, a Chronic Fungal Infection of the Skin. <i>Cell Host and Microbe</i> , 2011, 9, 436-443.	11.0	146
22	Interleukin-6 limits influenza-induced inflammation and protects against fatal lung pathology. <i>European Journal of Immunology</i> , 2013, 43, 2613-2625.	2.9	143
23	Integrin CD11b positively regulates TLR4-induced signalling pathways in dendritic cells but not in macrophages. <i>Nature Communications</i> , 2014, 5, 3039.	12.8	139
24	Murine CD93 (C1qRp) Contributes to the Removal of Apoptotic Cells In Vivo but Is Not Required for C1q-Mediated Enhancement of Phagocytosis. <i>Journal of Immunology</i> , 2004, 172, 3406-3414.	0.8	127
25	Dectin-2 is predominantly myeloid restricted and exhibits unique activation-dependent expression on maturing inflammatory monocytes elicited in vivo. <i>European Journal of Immunology</i> , 2005, 35, 2163-2174.	2.9	122
26	The Induction of Inflammation by Dectin-1 In Vivo Is Dependent on Myeloid Cell Programming and the Progression of Phagocytosis. <i>Journal of Immunology</i> , 2008, 181, 3549-3557.	0.8	120
27	Regulation of Cytosolic Phospholipase A2 Activation and Cyclooxygenase 2 Expression in Macrophages by the β -Glucan Receptor. <i>Journal of Biological Chemistry</i> , 2006, 281, 5506-5514.	3.4	114
28	Expression of the β -glucan receptor, Dectin-1, on murine leukocytes in situ correlates with its function in pathogen recognition and reveals potential roles in leukocyte interactions. <i>Journal of Leukocyte Biology</i> , 2004, 76, 86-94.	3.3	113
29	Pattern recognition receptors and differentiation antigens define murine myeloid cell heterogeneity <i>in vivo</i> . <i>European Journal of Immunology</i> , 2003, 33, 2090-2097.	2.9	111
30	CLEC-2 Is a Phagocytic Activation Receptor Expressed on Murine Peripheral Blood Neutrophils. <i>Journal of Immunology</i> , 2009, 182, 4150-4157.	0.8	111
31	Monocyte Heterogeneity and Innate Immunity. <i>Immunity</i> , 2003, 19, 2-4.	14.3	110
32	Analysis of mannose receptor regulation by IL-4, IL-10, and proteolytic processing using novel monoclonal antibodies. <i>Journal of Leukocyte Biology</i> , 2003, 73, 604-613.	3.3	110
33	Stage-Specific Sampling by Pattern Recognition Receptors during <i>Candida albicans</i> Phagocytosis. <i>PLoS Pathogens</i> , 2008, 4, e1000218.	4.7	110
34	Endogenous oncogenic Nras mutation promotes aberrant GM-CSF signaling in granulocytic/monocytic precursors in a murine model of chronic myelomonocytic leukemia. <i>Blood</i> , 2010, 116, 5991-6002.	1.4	109
35	Soluble Dectin-1 as a tool to detect β -glucans. <i>Journal of Immunological Methods</i> , 2006, 314, 164-169.	1.4	107
36	Mannose Receptor Expression and Function Define a New Population of Murine Dendritic Cells. <i>Journal of Immunology</i> , 2007, 178, 4975-4983.	0.8	100

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37	Expression of Functionally Different Dectin-1 Isoforms by Murine Macrophages. <i>Journal of Immunology</i> , 2006, 176, 5513-5518.	0.8	98
38	The myeloid 7/4-antigen defines recently generated inflammatory macrophages and is synonymous with Ly-6B. <i>Journal of Leukocyte Biology</i> , 2010, 88, 169-180.	3.3	92
39	Interleukin-10 regulates the inflammasome-driven augmentation of inflammatory arthritis and joint destruction. <i>Arthritis Research and Therapy</i> , 2014, 16, 419.	3.5	86
40	Accelerated Nephrotoxic Nephritis Is Exacerbated in C1q-Deficient Mice. <i>Journal of Immunology</i> , 2001, 166, 6820-6828.	0.8	83
41	12/15-Lipoxygenase Regulates the Inflammatory Response to Bacterial Products In Vivo. <i>Journal of Immunology</i> , 2008, 181, 6514-6524.	0.8	83
42	Esterified eicosanoids are acutely generated by 5-lipoxygenase in primary human neutrophils and in human and murine infection. <i>Blood</i> , 2011, 117, 2033-2043.	1.4	77
43	Peritoneal tissue-resident macrophages are metabolically poised to engage microbes using tissue-niche fuels. <i>Nature Communications</i> , 2017, 8, 2074.	12.8	76
44	Complement C3 Plays an Essential Role in the Control of Opportunistic Fungal Infections. <i>Infection and Immunity</i> , 2009, 77, 3679-3685.	2.2	72
45	Phosphatidylethanolamine-esterified Eicosanoids in the Mouse. <i>Journal of Biological Chemistry</i> , 2009, 284, 21185-21191.	3.4	72
46	Macrophage heterogeneity and acute inflammation. <i>European Journal of Immunology</i> , 2011, 41, 2503-2508.	2.9	71
47	Characterisation of murine MICL (CLEC12A) and evidence for an endogenous ligand. <i>European Journal of Immunology</i> , 2008, 38, 1157-1163.	2.9	70
48	The follicular dendritic cell restricted epitope, FDC-M2, is complement C4; localization of immune complexes in mouse tissues. <i>European Journal of Immunology</i> , 2002, 32, 1883.	2.9	68
49	Binding Properties of the Mannose Receptor. <i>Immunobiology</i> , 2001, 204, 527-535.	1.9	67
50	Class IA Phosphoinositide 3-Kinase $\hat{1}^2$ and $\hat{1}$ Regulate Neutrophil Oxidase Activation in Response to <i>Aspergillus fumigatus</i> Hyphae. <i>Journal of Immunology</i> , 2011, 186, 2978-2989.	0.8	64
51	A Targeted Disruption of the Murine Complement Factor B Gene Resulting in Loss of Expression of Three Genes in Close Proximity, Factor B, C2, and D17H6S45. <i>Journal of Biological Chemistry</i> , 1998, 273, 1699-1704.	3.4	60
52	Phagocytosis Is the Main CR3-Mediated Function Affected by the Lupus-Associated Variant of CD11b in Human Myeloid Cells. <i>PLoS ONE</i> , 2013, 8, e57082.	2.5	58
53	Neutrophils Recruited by IL-22 in Peripheral Tissues Function as TRAIL-Dependent Antiviral Effectors against MCMV. <i>Cell Host and Microbe</i> , 2014, 15, 471-483.	11.0	58
54	Pathways Regulating Cytosolic Phospholipase A2 Activation and Eicosanoid Production in Macrophages by <i>Candida albicans</i> . <i>Journal of Biological Chemistry</i> , 2010, 285, 30676-30685.	3.4	55

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55	Fungal Recognition Enhances Mannose Receptor Shedding through Dectin-1 Engagement. <i>Journal of Biological Chemistry</i> , 2011, 286, 7822-7829.	3.4	53
56	Peritoneal macrophage heterogeneity is associated with different peritoneal dialysis outcomes. <i>Kidney International</i> , 2017, 91, 1088-1103.	5.2	53
57	Antigen targeting reveals splenic CD169 ⁺ macrophages as promoters of germinal center B cell responses. <i>European Journal of Immunology</i> , 2015, 45, 747-757.	2.9	50
58	Characterisation of the expression and function of the GM-CSF receptor β -chain in mice. <i>European Journal of Immunology</i> , 2007, 37, 2518-2528.	2.9	49
59	miR-192 Induces G2/M Growth Arrest in Aristolochic Acid Nephropathy. <i>American Journal of Pathology</i> , 2014, 184, 996-1009.	3.8	48
60	NR4A orphan nuclear receptor family members, NR4A2 and NR4A3, regulate neutrophil number and survival. <i>Blood</i> , 2017, 130, 1014-1025.	1.4	46
61	Understanding Local Macrophage Phenotypes In Disease: Shape-shifting macrophages. <i>Nature Medicine</i> , 2015, 21, 119-120.	30.7	45
62	Development of a specific system for targeting protein to metallophilic macrophages. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 1963-1968.	7.1	41
63	Networks of enzymatically oxidized membrane lipids support calcium-dependent coagulation factor binding to maintain hemostasis. <i>Science Signaling</i> , 2017, 10, .	3.6	40
64	Paracetamol reduces influenza-induced immunopathology in a mouse model of infection without compromising virus clearance or the generation of protective immunity. <i>Thorax</i> , 2011, 66, 368-374.	5.6	39
65	RNA Interference Mutant Induction In Vivo Demonstrates the Essential Nature of Trypanosome Flagellar Function during Mammalian Infection. <i>Eukaryotic Cell</i> , 2007, 6, 1248-1250.	3.4	38
66	Differential Dependencies of Monocytes and Neutrophils on Dectin-1, Dectin-2 and Complement for the Recognition of Fungal Particles in Inflammation. <i>PLoS ONE</i> , 2012, 7, e45781.	2.5	38
67	Single-Nucleus RNA Sequencing Identifies New Classes of Proximal Tubular Epithelial Cells in Kidney Fibrosis. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 2501-2516.	6.1	38
68	The protective effect of inflammatory monocytes during systemic <i>C. albicans</i> infection is dependent on collaboration between C-type lectin-like receptors. <i>PLoS Pathogens</i> , 2019, 15, e1007850.	4.7	35
69	The C-Type Lectin SIGNR1 Binds <i>Schistosoma mansoni</i> Antigens In Vitro, but SIGNR1-Deficient Mice Have Normal Responses during Schistosome Infection. <i>Infection and Immunity</i> , 2009, 77, 399-404.	2.2	33
70	<i>In vivo</i> functional analysis and genetic modification of <i>in vitro</i> derived mouse neutrophils. <i>FASEB Journal</i> , 2011, 25, 1972-1982.	0.5	33
71	IL-27 Induced by Select <i>Candida</i> spp. via TLR7/NOD2 Signaling and IFN- γ Production Inhibits Fungal Clearance. <i>Journal of Immunology</i> , 2016, 197, 208-221.	0.8	33
72	Tissue-resident macrophages actively suppress IL-1 β release via a reactive prostanoid/IL-10 pathway. <i>EMBO Journal</i> , 2020, 39, e103454.	7.8	33

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73	Complement Contributes to Protective Immunity against Reinfection by Plasmodium chabaudi chabaudiParasites. Infection and Immunity, 2001, 69, 3853-3859.	2.2	32
74	Activation of na ⁺ ve CD4+ T cells re-tunes STAT1 signaling to deliver unique cytokine responses in memory CD4+ T cells. Nature Immunology, 2019, 20, 458-470.	14.5	32
75	Hoxb8 conditionally immortalised macrophage lines model inflammatory monocytic cells with important similarity to dendritic cells. European Journal of Immunology, 2011, 41, 356-365.	2.9	30
76	miR-21 Promotes Fibrogenesis in Peritoneal Dialysis. American Journal of Pathology, 2017, 187, 1537-1550.	3.8	30
77	Macrophage reprogramming for therapy. Immunology, 2021, 163, 128-144.	4.4	30
78	IL-10 differentially controls the infiltration of inflammatory macrophages and antigen-presenting cells during inflammation. European Journal of Immunology, 2016, 46, 2222-2232.	2.9	29
79	Oxylipin metabolism is controlled by mitochondrial β -oxidation during bacterial inflammation. Nature Communications, 2022, 13, 139.	12.8	27
80	Differential susceptibility of Dectin-1 isoforms to functional inactivation by neutrophil and fungal proteases. FASEB Journal, 2018, 32, 3385-3397.	0.5	26
81	Ly49B Is Expressed on Multiple Subpopulations of Myeloid Cells. Journal of Immunology, 2006, 177, 5840-5851.	0.8	25
82	Actin and Phosphoinositide Recruitment to Fully Formed & Candida albicans & Phagosomes in Mouse Macrophages. Journal of Innate Immunity, 2009, 1, 244-253.	3.8	25
83	Oncostatin M Receptor- β Signaling Limits Monocytic Cell Recruitment in Acute Inflammation. Journal of Immunology, 2008, 181, 2174-2180.	0.8	24
84	Cytosolic Phospholipase A ₂ Activation by <i>Candida albicans</i> in Alveolar Macrophages. American Journal of Respiratory Cell and Molecular Biology, 2010, 42, 415-423.	2.9	24
85	Innate immune response to human bone marrow fibroblastic cell implantation in CB17 scid/beige mice. Journal of Cellular Biochemistry, 2006, 98, 966-980.	2.6	23
86	Dependence on Dectin-1 Varies With Multiple Candida Species. Frontiers in Microbiology, 2019, 10, 1800.	3.5	22
87	PIP2 depletion and altered endocytosis caused by expression of Alzheimer's disease-protective variant PLC β 2 R522. EMBO Journal, 2021, 40, e105603.	7.8	21
88	Cloning of the mouse homolog of the 126-kDa human C1q/MBL/SP-A receptor, C1qR p. Mammalian Genome, 1999, 10, 789-793.	2.2	20
89	Development and characterization of novel anti-C5 monoclonal antibodies capable of inhibiting complement in multiple species. Immunology, 2019, 157, 283-295.	4.4	20
90	Modest changes in Spi1 dosage reveal the potential for altered microglial function as seen in Alzheimer's disease. Scientific Reports, 2021, 11, 14935.	3.3	19

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91	Terminal complement pathway activation drives synaptic loss in Alzheimer's disease models. <i>Acta Neuropathologica Communications</i> , 2022, 10, .	5.2	19
92	CD200 Receptor Restriction of Myeloid Cell Responses Antagonizes Antiviral Immunity and Facilitates Cytomegalovirus Persistence within Mucosal Tissue. <i>PLoS Pathogens</i> , 2015, 11, e1004641.	4.7	16
93	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
94	Structural and Functional Analyses of the Shedding Protease ADAM17 in HoxB8-Immortalized Macrophages and Dendritic-like Cells. <i>Journal of Immunology</i> , 2018, 201, 3106-3118.	0.8	15
95	LAB/NTAL Facilitates Fungal/PAMP-induced IL-12 and IFN- γ Production by Repressing β -Catenin Activation in Dendritic Cells. <i>PLoS Pathogens</i> , 2013, 9, e1003357.	4.7	14
96	Death Receptor 3 Promotes Chemokine-Directed Leukocyte Recruitment in Acute Resolving Inflammation and Is Essential for Pathological Development of Mesothelial Fibrosis in Chronic Disease. <i>American Journal of Pathology</i> , 2016, 186, 2813-2823.	3.8	12
97	The contribution of naturally occurring IgM antibodies, IgM cross-reactivity and complement dependency in murine humoral responses to pneumococcal capsular polysaccharides. <i>Vaccine</i> , 2009, 27, 5806-5815.	3.8	10
98	Development of myeloproliferative disease in 12/15-lipoxygenase deficiency. <i>Blood</i> , 2012, 119, 6173-6174.	1.4	10
99	Effective In Vivo Gene Modification in Mouse Tissue-Resident Peritoneal Macrophages by Intraperitoneal Delivery of Lentiviral Vectors. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020, 16, 21-31.	4.1	9
100	A Human Dectin-2 Deficiency Associated With Invasive Aspergillosis. <i>Journal of Infectious Diseases</i> , 2021, 224, 1219-1224.	4.0	9
101	Dependence on Mincle and Dectin-2 Varies With Multiple Candida Species During Systemic Infection. <i>Frontiers in Microbiology</i> , 2021, 12, 633229.	3.5	6
102	A Novel Strategy to Identify Haematology Patients at High Risk of Developing Aspergillosis. <i>Frontiers in Immunology</i> , 2021, 12, 780160.	4.8	4
103	Dectin-2 is a Syk-coupled pattern recognition receptor crucial for Th17 responses to fungal infection. <i>Journal of Cell Biology</i> , 2009, 186, i9-i9.	5.2	0
104	Endogenous Oncogenic Nras Mutation Leads to Aberrant GM-CSF Signaling In Granulocytic/Monocytic Precursors In a Murine Model of Chronic Myelomonocytic Leukemia. <i>Blood</i> , 2010, 116, 4180-4180.	1.4	0
105	Spi1 -14 Kb upstream regulatory element (URE) is not required for maintenance of PU.1 expression in macrophages. <i>Wellcome Open Research</i> , 0, 7, 154.	1.8	0