

Philip R Taylor

List of Publications by Citations

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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.

105
papers

14,832
citations

52
h-index

110
g-index

110
ext. papers

16,705
ext. citations

9.3
avg, IF

6.5
L-index

#	Paper	IF	Citations
105	Monocyte and macrophage heterogeneity. <i>Nature Reviews Immunology</i> , 2005 , 5, 953-64	36.5	3744
104	Tissue-resident macrophages. <i>Nature Immunology</i> , 2013 , 14, 986-95	19.1	1179
103	Dectin-1 is required for beta-glucan recognition and control of fungal infection. <i>Nature Immunology</i> , 2007 , 8, 31-8	19.1	872
102	Dectin-1 is a major beta-glucan receptor on macrophages. <i>Journal of Experimental Medicine</i> , 2002 , 196, 407-12	16.6	769
101	A hierarchical role for classical pathway complement proteins in the clearance of apoptotic cells in vivo. <i>Journal of Experimental Medicine</i> , 2000 , 192, 359-66	16.6	619
100	The beta-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, 3876-82	5.3	493
99	Anticancer chemotherapy-induced intratumoral recruitment and differentiation of antigen-presenting cells. <i>Immunity</i> , 2013 , 38, 729-41	32.3	439
98	Dectin-2 is a Syk-coupled pattern recognition receptor crucial for Th17 responses to fungal infection. <i>Journal of Experimental Medicine</i> , 2009 , 206, 2037-51	16.6	357
97	Anti-inflammatory activity of IgG1 mediated by Fc galactosylation and association of FcγRIIB and dectin-1. <i>Nature Medicine</i> , 2012 , 18, 1401-6	50.5	311
96	Syk kinase is required for collaborative cytokine production induced through Dectin-1 and Toll-like receptors. <i>European Journal of Immunology</i> , 2008 , 38, 500-6	6.1	292
95	The carbohydrate-recognition domain of Dectin-2 is a C-type lectin with specificity for high mannose. <i>Glycobiology</i> , 2006 , 16, 422-30	5.8	275
94	The transcription factor Gata6 links tissue macrophage phenotype and proliferative renewal. <i>Science</i> , 2014 , 344, 645-648	33.3	259
93	The mannose receptor: linking homeostasis and immunity through sugar recognition. <i>Trends in Immunology</i> , 2005 , 26, 104-10	14.4	250
92	Interleukin-6 signaling drives fibrosis in unresolved inflammation. <i>Immunity</i> , 2014 , 40, 40-50	32.3	227
91	Distinct bone marrow-derived and tissue-resident macrophage lineages proliferate at key stages during inflammation. <i>Nature Communications</i> , 2013 , 4, 1886	17.4	216
90	Tissue-resident macrophages: then and now. <i>Immunology</i> , 2015 , 144, 541-8	7.8	208
89	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, 4569-73	5.3	194

88	The role of SIGNR1 and the beta-glucan receptor (dectin-1) in the nonopsonic recognition of yeast by specific macrophages. <i>Journal of Immunology</i> , 2004 , 172, 1157-62	5.3	164
87	Recognition of bacterial capsular polysaccharides and lipopolysaccharides by the macrophage mannose receptor. <i>Journal of Biological Chemistry</i> , 2002 , 277, 41613-23	5.4	156
86	A quantifiable proliferative burst of tissue macrophages restores homeostatic macrophage populations after acute inflammation. <i>European Journal of Immunology</i> , 2011 , 41, 2155-64	6.1	148
85	Restoration of pattern recognition receptor costimulation to treat chromoblastomycosis, a chronic fungal infection of the skin. <i>Cell Host and Microbe</i> , 2011 , 9, 436-43	23.4	119
84	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, 2163-74	6.1	113
83	Pattern recognition receptors and differentiation antigens define murine myeloid cell heterogeneity ex vivo. <i>European Journal of Immunology</i> , 2003 , 33, 2090-7	6.1	107
82	Interleukin-6 limits influenza-induced inflammation and protects against fatal lung pathology. <i>European Journal of Immunology</i> , 2013 , 43, 2613-25	6.1	106
81	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, 3406-14	5.3	106
80	CLEC-2 is a phagocytic activation receptor expressed on murine peripheral blood neutrophils. <i>Journal of Immunology</i> , 2009 , 182, 4150-7	5.3	104
79	Integrin CD11b positively regulates TLR4-induced signalling pathways in dendritic cells but not in macrophages. <i>Nature Communications</i> , 2014 , 5, 3039	17.4	102
78	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, 604-13	6.5	102
77	Monocyte heterogeneity and innate immunity. <i>Immunity</i> , 2003 , 19, 2-4	32.3	101
76	Stage-specific sampling by pattern recognition receptors during <i>Candida albicans</i> phagocytosis. <i>PLoS Pathogens</i> , 2008 , 4, e1000218	7.6	98
75	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, 3549-57	5.3	97
74	Expression of the beta-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	6.5	96
73	Regulation of cytosolic phospholipase A2 activation and cyclooxygenase 2 expression in macrophages by the beta-glucan receptor. <i>Journal of Biological Chemistry</i> , 2006 , 281, 5506-14	5.4	94
72	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	2.2	92
71	Soluble Dectin-1 as a tool to detect beta-glucans. <i>Journal of Immunological Methods</i> , 2006 , 314, 164-9	2.5	91

70	Mannose receptor expression and function define a new population of murine dendritic cells. <i>Journal of Immunology</i> , 2007 , 178, 4975-83	5.3	90
69	The myeloid 7/4-antigen defines recently generated inflammatory macrophages and is synonymous with Ly-6B. <i>Journal of Leukocyte Biology</i> , 2010 , 88, 169-80	6.5	89
68	Expression of functionally different dectin-1 isoforms by murine macrophages. <i>Journal of Immunology</i> , 2006 , 176, 5513-8	5.3	83
67	12/15-Lipoxygenase regulates the inflammatory response to bacterial products in vivo. <i>Journal of Immunology</i> , 2008 , 181, 6514-24	5.3	78
66	Accelerated nephrotoxic nephritis is exacerbated in C1q-deficient mice. <i>Journal of Immunology</i> , 2001 , 166, 6820-8	5.3	73
65	Esterified eicosanoids are acutely generated by 5-lipoxygenase in primary human neutrophils and in human and murine infection. <i>Blood</i> , 2011 , 117, 2033-43	2.2	67
64	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, 1888-96	6.1	63
63	Macrophage heterogeneity and acute inflammation. <i>European Journal of Immunology</i> , 2011 , 41, 2503-8	6.1	61
62	Binding properties of the mannose receptor. <i>Immunobiology</i> , 2001 , 204, 527-35	3.4	60
61	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, 1699-704	5.4	57
60	Interleukin-10 regulates the inflammasome-driven augmentation of inflammatory arthritis and joint destruction. <i>Arthritis Research and Therapy</i> , 2014 , 16, 419	5.7	56
59	Phosphatidylethanolamine-esterified eicosanoids in the mouse: tissue localization and inflammation-dependent formation in Th-2 disease. <i>Journal of Biological Chemistry</i> , 2009 , 284, 21185-91	5.4	56
58	Complement C3 plays an essential role in the control of opportunistic fungal infections. <i>Infection and Immunity</i> , 2009 , 77, 3679-85	3.7	55
57	Class IA phosphoinositide 3-kinase β and γ regulate neutrophil oxidase activation in response to <i>Aspergillus fumigatus</i> hyphae. <i>Journal of Immunology</i> , 2011 , 186, 2978-89	5.3	55
56	Characterisation of murine MICL (CLEC12A) and evidence for an endogenous ligand. <i>European Journal of Immunology</i> , 2008 , 38, 1157-63	6.1	55
55	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	3.7	54
54	Peritoneal tissue-resident macrophages are metabolically poised to engage microbes using tissue-niche fuels. <i>Nature Communications</i> , 2017 , 8, 2074	17.4	53
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, 471-83	23.4	49

52	Pathways regulating cytosolic phospholipase A2 activation and eicosanoid production in macrophages by <i>Candida albicans</i> . <i>Journal of Biological Chemistry</i> , 2010 , 285, 30676-85	5.4	47
51	Characterisation of the expression and function of the GM-CSF receptor alpha-chain in mice. <i>European Journal of Immunology</i> , 2007 , 37, 2518-28	6.1	43
50	Fungal recognition enhances mannose receptor shedding through dectin-1 engagement. <i>Journal of Biological Chemistry</i> , 2011 , 286, 7822-7829	5.4	42
49	miR-192 induces G2/M growth arrest in aristolochic acid nephropathy. <i>American Journal of Pathology</i> , 2014 , 184, 996-1009	5.8	40
48	Peritoneal macrophage heterogeneity is associated with different peritoneal dialysis outcomes. <i>Kidney International</i> , 2017 , 91, 1088-1103	9.9	39
47	Antigen targeting reveals splenic CD169+ macrophages as promoters of germinal center B-cell responses. <i>European Journal of Immunology</i> , 2015 , 45, 747-57	6.1	39
46	Understanding local macrophage phenotypes in disease: shape-shifting macrophages. <i>Nature Medicine</i> , 2015 , 21, 119-20	50.5	37
45	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, 1963-8	11.5	36
44	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, 368-74	7.3	33
43	RNA interference mutant induction in vivo demonstrates the essential nature of trypanosome flagellar function during mammalian infection. <i>Eukaryotic Cell</i> , 2007 , 6, 1248-50		33
42	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	3.7	32
41	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	3.7	31
40	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, 208-21	5.3	26
39	Networks of enzymatically oxidized membrane lipids support calcium-dependent coagulation factor binding to maintain hemostasis. <i>Science Signaling</i> , 2017 , 10,	8.8	26
38	Complement contributes to protective immunity against reinfection by <i>Plasmodium chabaudi</i> chabaudi parasites. <i>Infection and Immunity</i> , 2001 , 69, 3853-9	3.7	26
37	NR4A orphan nuclear receptor family members, NR4A2 and NR4A3, regulate neutrophil number and survival. <i>Blood</i> , 2017 , 130, 1014-1025	2.2	25
36	In vivo functional analysis and genetic modification of in vitro-derived mouse neutrophils. <i>FASEB Journal</i> , 2011 , 25, 1972-82	0.9	25
35	miR-21 Promotes Fibrogenesis in Peritoneal Dialysis. <i>American Journal of Pathology</i> , 2017 , 187, 1537-1550		24

34	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	7.6	24
33	Ly49B is expressed on multiple subpopulations of myeloid cells. <i>Journal of Immunology</i> , 2006 , 177, 5840-51	5.1	23
32	Differential susceptibility of Dectin-1 isoforms to functional inactivation by neutrophil and fungal proteases. <i>FASEB Journal</i> , 2018 , 32, 3385-3397	0.9	23
31	Hoxb8 conditionally immortalised macrophage lines model inflammatory monocytic cells with important similarity to dendritic cells. <i>European Journal of Immunology</i> , 2011 , 41, 356-65	6.1	22
30	Innate immune response to human bone marrow fibroblastic cell implantation in CB17 scid/beige mice. <i>Journal of Cellular Biochemistry</i> , 2006 , 98, 966-80	4.7	22
29	Cytosolic phospholipase a2 activation by <i>Candida albicans</i> in alveolar macrophages: role of dectin-1. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2010 , 42, 415-23	5.7	21
28	Oncostatin M receptor-beta signaling limits monocytic cell recruitment in acute inflammation. <i>Journal of Immunology</i> , 2008 , 181, 2174-80	5.3	21
27	IL-10 differentially controls the infiltration of inflammatory macrophages and antigen-presenting cells during inflammation. <i>European Journal of Immunology</i> , 2016 , 46, 2222-32	6.1	21
26	Cloning of the mouse homolog of the 126-kDa human C1q/MBL/SP-A receptor, C1qR(p). <i>Mammalian Genome</i> , 1999 , 10, 789-93	3.2	20
25	Activation of naïve CD4 T cells re-tunes STAT1 signaling to deliver unique cytokine responses in memory CD4 T cells. <i>Nature Immunology</i> , 2019 , 20, 458-470	19.1	16
24	Actin and phosphoinositide recruitment to fully formed <i>Candida albicans</i> phagosomes in mouse macrophages. <i>Journal of Innate Immunity</i> , 2009 , 1, 244-53	6.9	16
23	Tissue-resident macrophages actively suppress IL-1beta release via a reactive prostanoid/IL-10 pathway. <i>EMBO Journal</i> , 2020 , 39, e103454	13	13
22	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	7.6	13
21	Development and characterization of novel anti-C5 monoclonal antibodies capable of inhibiting complement in multiple species. <i>Immunology</i> , 2019 , 157, 283-295	7.8	12
20	CD200 receptor restriction of myeloid cell responses antagonizes antiviral immunity and facilitates cytomegalovirus persistence within mucosal tissue. <i>PLoS Pathogens</i> , 2015 , 11, e1004641	7.6	12
19	Dependence on Dectin-1 Varies With Multiple Species. <i>Frontiers in Microbiology</i> , 2019 , 10, 1800	5.7	11
18	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	5.8	10
17	Macrophage reprogramming for therapy. <i>Immunology</i> , 2021 , 163, 128-144	7.8	10

16	Development of myeloproliferative disease in 12/15-lipoxygenase deficiency. <i>Blood</i> , 2012 , 119, 6173-4; author reply 6174-5	2.2	9
15	Myeloid 12/15-LOX regulates B cell numbers and innate immune antibody levels. <i>Wellcome Open Research</i> , 2017 , 2, 1	4.8	9
14	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	5.3	8
13	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, 5806-15	4.1	7
12	PIP2 depletion and altered endocytosis caused by expression of Alzheimer's disease-protective variant PLC ζ R522. <i>EMBO Journal</i> , 2021 , 40, e105603	13	5
11	Effective 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	6.4	4
10	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	12.7	4
9	Modest changes in Spi1 dosage reveal the potential for altered microglial function as seen in Alzheimer's disease. <i>Scientific Reports</i> , 2021 , 11, 14935	4.9	4
8	Oxylipin metabolism is controlled by mitochondrial β oxidation during bacterial inflammation.. <i>Nature Communications</i> , 2022 , 13, 139	17.4	3
7	Dependence on Mincle and Dectin-2 Varies With Multiple Species During Systemic Infection. <i>Frontiers in Microbiology</i> , 2021 , 12, 633229	5.7	3
6	The Alzheimer's disease protective P522R variant ofPLCG2, consistently enhances stimulus-dependent PLC ζ activation, depleting substrate and altering cell function		2
5	A Human Dectin-2 Deficiency Associated With Invasive Aspergillosis. <i>Journal of Infectious Diseases</i> , 2021 , 224, 1219-1224	7	2
4	A Novel Strategy to Identify Haematology Patients at High Risk of Developing Aspergillosis.. <i>Frontiers in Immunology</i> , 2021 , 12, 780160	8.4	0
3	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	7.3	
2	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	2.2	
1	Spi1 -14 Kb upstream regulatory element (URE) is not required for maintenance of PU.1 expression in macrophages. <i>Wellcome Open Research</i> , 7 , 154	4.8	