

Toby Lawrence

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.

76
papers

15,966
citations

42
h-index

81
g-index

81
ext. papers

18,992
ext. citations

14.5
avg, IF

7.01
L-index

#	Paper	IF	Citations
76	Macrophage activation and polarization: nomenclature and experimental guidelines. <i>Immunity</i> , 2014 , 41, 14-20	32.3	3249
75	The nuclear factor NF-kappaB pathway in inflammation. <i>Cold Spring Harbor Perspectives in Biology</i> , 2009 , 1, a001651	10.2	2415
74	Transcriptional regulation of macrophage polarization: enabling diversity with identity. <i>Nature Reviews Immunology</i> , 2011 , 11, 750-61	36.5	1366
73	Innate immunity gone awry: linking microbial infections to chronic inflammation and cancer. <i>Cell</i> , 2006 , 124, 823-35	56.2	740
72	Anti-inflammatory lipid mediators and insights into the resolution of inflammation. <i>Nature Reviews Immunology</i> , 2002 , 2, 787-95	36.5	672
71	Possible new role for NF-kappaB in the resolution of inflammation. <i>Nature Medicine</i> , 2001 , 7, 1291-7	50.5	653
70	"Re-educating" tumor-associated macrophages by targeting NF-kappaB. <i>Journal of Experimental Medicine</i> , 2008 , 205, 1261-8	16.6	630
69	Inflammatory resolution: new opportunities for drug discovery. <i>Nature Reviews Drug Discovery</i> , 2004 , 3, 401-16	64.1	596
68	IKKalpha limits macrophage NF-kappaB activation and contributes to the resolution of inflammation. <i>Nature</i> , 2005 , 434, 1138-43	50.4	539
67	Granulocyte-macrophage colony-stimulating factor (CSF) and macrophage CSF-dependent macrophage phenotypes display differences in cytokine profiles and transcription factor activities: implications for CSF blockade in inflammation. <i>Journal of Immunology</i> , 2007 , 178, 5245-52	5.3	410
66	Antiinflammatory effects of dexamethasone are partly dependent on induction of dual specificity phosphatase 1. <i>Journal of Experimental Medicine</i> , 2006 , 203, 1883-9	16.6	340
65	Sustained desensitization to bacterial Toll-like receptor ligands after resolution of respiratory influenza infection. <i>Journal of Experimental Medicine</i> , 2008 , 205, 323-9	16.6	297
64	The tumor-promoting actions of TNF-alpha involve TNFR1 and IL-17 in ovarian cancer in mice and humans. <i>Journal of Clinical Investigation</i> , 2009 , 119, 3011-23	15.9	236
63	Dendritic cell maturation: functional specialization through signaling specificity and transcriptional programming. <i>EMBO Journal</i> , 2014 , 33, 1104-16	13	221
62	The resolution of inflammation: anti-inflammatory roles for NF-kappaB. <i>International Journal of Biochemistry and Cell Biology</i> , 2010 , 42, 519-23	5.6	216
61	I{kappa}B kinase (IKK){beta}, but not IKK{alpha}, is a critical mediator of osteoclast survival and is required for inflammation-induced bone loss. <i>Journal of Experimental Medicine</i> , 2005 , 201, 1677-87	16.6	215
60	The kinase p38 alpha serves cell type-specific inflammatory functions in skin injury and coordinates pro- and anti-inflammatory gene expression. <i>Nature Immunology</i> , 2008 , 9, 1019-27	19.1	214

59	Chronic inflammation: a failure of resolution?. <i>International Journal of Experimental Pathology</i> , 2007 , 88, 85-94	2.8	212
58	Hematopoietic prostaglandin D2 synthase controls the onset and resolution of acute inflammation through PGD2 and 15-deoxyDelta12 14 PGJ2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 20979-84	11.5	202
57	Regulation of macrophage function in tumors: the multifaceted role of NF-kappaB. <i>Blood</i> , 2009 , 113, 3139-46	2.2	179
56	Sword and shield: linked group B streptococcal beta-hemolysin/cytolysin and carotenoid pigment function to subvert host phagocyte defense. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 14491-6	11.5	167
55	An antiinflammatory role for IKKbeta through the inhibition of "classical" macrophage activation. <i>Journal of Experimental Medicine</i> , 2008 , 205, 1269-76	16.6	153
54	Allergen-induced peribronchial fibrosis and mucus production mediated by IkappaB kinase beta-dependent genes in airway epithelium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 17723-8	11.5	132
53	Inducible cyclooxygenase-derived 15-deoxy(Delta)12-14PGJ2 brings about acute inflammatory resolution in rat pleurisy by inducing neutrophil and macrophage apoptosis. <i>FASEB Journal</i> , 2003 , 17, 2269-71	0.9	126
52	Membrane Cholesterol Efflux Drives Tumor-Associated Macrophage Reprogramming and Tumor Progression. <i>Cell Metabolism</i> , 2019 , 29, 1376-1389.e4	24.6	118
51	Inflammation and cancer: a double-edged sword. <i>Cancer Cell</i> , 2007 , 12, 300-1	24.3	107
50	Nuclear factor-kappaB and tumor-associated macrophages. <i>Clinical Cancer Research</i> , 2010 , 16, 784-9	12.9	106
49	Detection of bacterial contamination in apheresis platelet products: American Red Cross experience, 2004. <i>Transfusion</i> , 2005 , 45, 1845-52	2.9	99
48	Homeostatic NF-B Signaling in Steady-State Migratory Dendritic Cells Regulates Immune Homeostasis and Tolerance. <i>Immunity</i> , 2015 , 42, 627-39	32.3	91
47	Specific targeting of CD163 TAMs mobilizes inflammatory monocytes and promotes T cell-mediated tumor regression. <i>Journal of Experimental Medicine</i> , 2019 , 216, 2394-2411	16.6	84
46	Tumor-associated macrophages (TAMs) depend on ZEB1 for their cancer-promoting roles. <i>EMBO Journal</i> , 2017 , 36, 3336-3355	13	69
45	An unexpected twist to the activation of IKK-TAK1 primes IKK for activation by autophosphorylation. <i>Biochemical Journal</i> , 2014 , 461, 531-7	3.8	67
44	Inflammation and cancer: a failure of resolution?. <i>Trends in Pharmacological Sciences</i> , 2007 , 28, 162-5	13.2	64
43	Tissue-resident macrophages in omentum promote metastatic spread of ovarian cancer. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	64
42	The resolution of inflammation and cancer. <i>Cytokine and Growth Factor Reviews</i> , 2010 , 21, 61-5	17.9	61

41	Autophagy in dendritic cells. <i>Cellular and Molecular Immunology</i> , 2018 , 15, 944-952	15.4	60
40	Loss of the co-repressor GPS2 sensitizes macrophage activation upon metabolic stress induced by obesity and type 2 diabetes. <i>Nature Medicine</i> , 2016 , 22, 780-91	50.5	59
39	Novel biphasic role for lymphocytes revealed during resolving inflammation. <i>Blood</i> , 2008 , 111, 4184-92	2.2	58
38	High-Density Lipoproteins Exert Pro-inflammatory Effects on Macrophages via Passive Cholesterol Depletion and PKC-NF- κ /STAT1-IRF1 Signaling. <i>Cell Metabolism</i> , 2017 , 25, 197-207	24.6	56
37	Inhibition of the tumor necrosis factor-alpha pathway is radioprotective for the lung. <i>Clinical Cancer Research</i> , 2008 , 14, 1868-76	12.9	52
36	TGFB signalling controls CD103CD11b dendritic cell development in the intestine. <i>Nature Communications</i> , 2017 , 8, 620	17.4	47
35	Inhibition of NF-kappa B activity by a membrane-transducing mutant of I kappa B alpha. <i>Journal of Immunology</i> , 2002 , 169, 2587-93	5.3	47
34	The pore-forming toxin β hemolysin/cytolysin triggers p38 MAPK-dependent IL-10 production in macrophages and inhibits innate immunity. <i>PLoS Pathogens</i> , 2012 , 8, e1002812	7.6	42
33	Cancer. Sex, cytokines, and cancer. <i>Science</i> , 2007 , 317, 51-2	33.3	34
32	Reduced infiltration and increased apoptosis of leukocytes at sites of inflammation by systemic administration of a membrane-permeable I kappa B alpha repressor. <i>Arthritis and Rheumatism</i> , 2004 , 50, 2675-84		34
31	Representing the Process of Inflammation as Key Events in Adverse Outcome Pathways. <i>Toxicological Sciences</i> , 2018 , 163, 346-352	4.4	32
30	The ubiquitin ligase ZNRF1 promotes caveolin-1 ubiquitination and degradation to modulate inflammation. <i>Nature Communications</i> , 2017 , 8, 15502	17.4	29
29	Cigarette smoke induced airway inflammation is independent of NF- κ B signalling. <i>PLoS ONE</i> , 2013 , 8, e54128	3.7	29
28	Molecular dissection of plasmacytoid dendritic cell activation during a viral infection. <i>EMBO Journal</i> , 2018 , 37,	13	27
27	Platelet CD40L Modulates Thrombus Growth Via Phosphatidylinositol 3-Kinase β and Not Via CD40 and IB Kinase β . <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015 , 35, 1374-81	9.4	26
26	Soluble ectodomain CD163 and extracellular vesicle-associated CD163 are two differently regulated forms of 'soluble CD163' in plasma. <i>Scientific Reports</i> , 2017 , 7, 40286	4.9	22
25	IKKalpha in the regulation of inflammation and adaptive immunity. <i>Biochemical Society Transactions</i> , 2007 , 35, 270-2	5.1	22
24	Air-pouch models of inflammation and modifications for the study of granuloma-mediated cartilage degradation. <i>Methods in Molecular Biology</i> , 2003 , 225, 181-9	1.4	22

23	Targeting STAT3 and STAT5 in Tumor-Associated Immune Cells to Improve Immunotherapy. <i>Cancers</i> , 2019 , 11,	6.6	20
22	Receptor Activator of NF- κ B Orchestrates Activation of Antiviral Memory CD8 ⁺ T Cells in the Spleen Marginal Zone. <i>Cell Reports</i> , 2017 , 21, 2515-2527	10.6	18
21	GADD45 β Loss Ablates Innate Immunosuppression in Cancer. <i>Cancer Research</i> , 2018 , 78, 1275-1292	10.1	16
20	I kappa B kinase alpha (IKK α) activity is required for functional maturation of dendritic cells and acquired immunity to infection. <i>EMBO Journal</i> , 2013 , 32, 816-28	13	16
19	Macrophages and NF- κ B in cancer. <i>Current Topics in Microbiology and Immunology</i> , 2011 , 349, 171-84	3.3	16
18	Bone marrow-specific knock-in of a non-activatable Ikk β kinase mutant influences haematopoiesis but not atherosclerosis in Apoe-deficient mice. <i>PLoS ONE</i> , 2014 , 9, e87452	3.7	12
17	Investigating macrophage and malignant cell interactions in vitro. <i>Methods in Molecular Biology</i> , 2009 , 512, 325-32	1.4	12
16	NF- κ B-dependent IRF1 activation programs cDC1 dendritic cells to drive antitumor immunity. <i>Science Immunology</i> , 2021 , 6,	28	9
15	The three members of the Vav family proteins form complexes that concur to foam cell formation and atherosclerosis. <i>Journal of Lipid Research</i> , 2019 , 60, 2006-2019	6.3	7
14	Precise and Rapid Validation of Candidate Gene by Allele Specific Knockout With CRISPR/Cas9 in Wild Mice. <i>Frontiers in Genetics</i> , 2019 , 10, 124	4.5	7
13	The resolution of acute inflammation: A "flipping point" in the development of chronic inflammatory diseases 2008 , 1-18		7
12	Modulation of inflammation in vivo through induction of the heat shock response, effects on NF-kappaB activation. <i>Inflammation Research</i> , 2002 , 51, 108-9	7.2	7
11	Macrophages orchestrate the expansion of a proangiogenic perivascular niche during cancer progression. <i>Science Advances</i> , 2021 , 7, eabg9518	14.3	2
10	Non-activatable mutant of inhibitor of kappa B kinase β (IKK β) exerts vascular site-specific effects on atherosclerosis in Apoe-deficient mice. <i>Atherosclerosis</i> , 2020 , 292, 23-30	3.1	2
9	Cytokines and Chemokines in Inflammation and Cancer 244-252		1
8	New insights into inflammatory resolution. <i>Inflammopharmacology</i> , 2001 , 9, 125-130	5.1	1
7	The Role of Plasmacytoid Dendritic Cells in Cancers. <i>Frontiers in Immunology</i> , 2021 , 12, 749190	8.4	1
6	Macrophages orchestrate the expansion of a pro-angiogenic perivascular niche during cancer progression		1

5	Role of NF- κ B Activation in Macrophages 2014 , 447-462		1
4	PAR-1 signaling on macrophages is required for effective in vivo delayed-type hypersensitivity responses. <i>iScience</i> , 2021 , 24, 101981	6.1	1
3	An inducible model for specific neutrophil depletion by diphtheria toxin in mice. <i>Science China Life Sciences</i> , 2021 , 64, 1227-1235	8.5	1
2	Sympathetic axonal sprouting induces changes in macrophage populations and protects against pancreatic cancer.. <i>Nature Communications</i> , 2022 , 13, 1985	17.4	0
1	Coordinated Regulation of Signaling Pathways during Macrophage Activation 2017 , 543-552		