Toby Lawrence

List of Publications by Year in Descending Order

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	Sympathetic axonal sprouting induces changes in macrophage populations and protects against pancreatic cancer.. *Nature Communications*, **2022**, 13, 1985	17.4	0
75	The Role of Plasmacytoid Dendritic Cells in Cancers. *Frontiers in Immunology*, **2021**, 12, 749190	8.4	1
74	Macrophages orchestrate the expansion of a proangiogenic perivascular niche during cancer progression. *Science Advances*, **2021**, 7, eabg9518	14.3	2
73	NF-B-dependent IRF1 activation programs cDC1 dendritic cells to drive antitumor immunity. *Science Immunology*, **2021**, 6,	28	9
72	PAR-1 signaling on macrophages is required for effective in vivo delayed-type hypersensitivity responses. *IScience*, **2021**, 24, 101981	6.1	1
71	An inducible model for specific neutrophil depletion by diphtheria toxin in mice. *Science China Life Sciences*, **2021**, 64, 1227-1235	8.5	1
70	Non-activatable mutant of inhibitor of kappa B kinase (IKK) exerts vascular site-specific effects on atherosclerosis in Apoe-deficient mice. *Atherosclerosis*, **2020**, 292, 23-30	3.1	2
69	Tissue-resident macrophages in omentum promote metastatic spread of ovarian cancer. *Journal of Experimental Medicine*, **2020**, 217,	16.6	64
68	The three members of the Vav family proteins form complexes that concur to foam cell formation and atherosclerosis. *Journal of Lipid Research*, **2019**, 60, 2006-2019	6.3	7
67	Precise and Rapid Validation of Candidate Gene by Allele Specific Knockout With CRISPR/Cas9 in Wild Mice. *Frontiers in Genetics*, **2019**, 10, 124	4.5	7
66	Membrane Cholesterol Efflux Drives Tumor-Associated Macrophage Reprogramming and Tumor Progression. *Cell Metabolism*, **2019**, 29, 1376-1389.e4	24.6	118
65	Specific targeting of CD163 TAMs mobilizes inflammatory monocytes and promotes T cell-mediated tumor regression. *Journal of Experimental Medicine*, **2019**, 216, 2394-2411	16.6	84
64	Targeting STAT3 and STAT5 in Tumor-Associated Immune Cells to Improve Immunotherapy. *Cancers*, **2019**, 11,	6.6	20
63	GADD45 Loss Ablates Innate Immunosuppression in Cancer. *Cancer Research*, **2018**, 78, 1275-1292	10.1	16
62	Autophagy in dendritic cells. *Cellular and Molecular Immunology*, **2018**, 15, 944-952	15.4	60
61	Molecular dissection of plasmacytoid dendritic cell activation during a viral infection. *EMBO Journal* , **2018**, 37,	13	27
60	Representing the Process of Inflammation as Key Events in Adverse Outcome Pathways. *Toxicological Sciences*, **2018**, 163, 346-352	4.4	32

59	Soluble ectodomain CD163 and extracellular vesicle-associated CD163 are two differently regulated forms of 'soluble CD163' in plasma. *Scientific Reports*, **2017**, 7, 40286	4.9	22
58	The ubiquitin ligase ZNRF1 promotes caveolin-1 ubiquitination and degradation to modulate inflammation. *Nature Communications*, **2017**, 8, 15502	17.4	29
57	Tumor-associated macrophages (TAMs) depend on ZEB1 for their cancer-promoting roles. *EMBO Journal*, **2017**, 36, 3336-3355	13	69
56	TGFR signalling controls CD103CD11b dendritic cell development in the intestine. *Nature Communications*, **2017**, 8, 620	17.4	47
55	High-Density Lipoproteins Exert Pro-inflammatory Effects on Macrophages via Passive Cholesterol Depletion and PKC-NF-B/STAT1-IRF1 Signaling. *Cell Metabolism*, **2017**, 25, 197-207	24.6	56
54	Receptor Activator of NF-B Orchestrates Activation of Antiviral Memory CD8 T Cells in the Spleen Marginal Zone. *Cell Reports*, **2017**, 21, 2515-2527	10.6	18
53	Coordinated Regulation of Signaling Pathways during Macrophage Activation **2017**, 543-552		
52	Loss of the co-repressor GPS2 sensitizes macrophage activation upon metabolic stress induced by obesity and type 2 diabetes. *Nature Medicine*, **2016**, 22, 780-91	50.5	59
51	Platelet CD40L Modulates Thrombus Growth Via Phosphatidylinositol 3-Kinase and Not Via CD40 and IB Kinase *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2015**, 35, 1374-81	9.4	26
50	Homeostatic NF-B Signaling in Steady-State Migratory Dendritic Cells Regulates Immune Homeostasis and Tolerance. *Immunity*, **2015**, 42, 627-39	32.3	91
49	Dendritic cell maturation: functional specialization through signaling specificity and transcriptional programming. *EMBO Journal*, **2014**, 33, 1104-16	13	221
48	Macrophage activation and polarization: nomenclature and experimental guidelines. *Immunity*, **2014**, 41, 14-20	32.3	3249
47	An unexpected twist to the activation of IKK TAK1 primes IKK for activation by autophosphorylation. *Biochemical Journal*, **2014**, 461, 531-7	3.8	67
46	Bone marrow-specific knock-in of a non-activatable Ikk kinase mutant influences haematopoiesis but not atherosclerosis in Apoe-deficient mice. *PLoS ONE*, **2014**, 9, e87452	3.7	12
45	Role of NF-B Activation in Macrophages **2014**, 447-462		1
44	I kappa B kinase alpha (IKK) activity is required for functional maturation of dendritic cells and acquired immunity to infection. *EMBO Journal*, **2013**, 32, 816-28	13	16
43	Cigarette smoke induced airway inflammation is independent of NF-B signalling. *PLoS ONE*, **2013**, 8, e54128	3.7	29
42	The pore-forming toxin hemolysin/cytolysin triggers p38 MAPK-dependent IL-10 production in macrophages and inhibits innate immunity. *PLoS Pathogens*, **2012**, 8, e1002812	7.6	42

41	Transcriptional regulation of macrophage polarization: enabling diversity with identity. *Nature Reviews Immunology*, **2011**, 11, 750-61	36.5	1366
40	Macrophages and NF-B in cancer. *Current Topics in Microbiology and Immunology*, **2011**, 349, 171-84	3.3	16
39	Nuclear factor-kappaB and tumor-associated macrophages. *Clinical Cancer Research*, **2010**, 16, 784-9	12.9	106
38	The resolution of inflammation: anti-inflammatory roles for NF-kappaB. *International Journal of Biochemistry and Cell Biology*, **2010**, 42, 519-23	5.6	216
37	The resolution of inflammation and cancer. *Cytokine and Growth Factor Reviews*, **2010**, 21, 61-5	17.9	61
36	The nuclear factor NF-kappaB pathway in inflammation. *Cold Spring Harbor Perspectives in Biology*, **2009**, 1, a001651	10.2	2415
35	Regulation of macrophage function in tumors: the multifaceted role of NF-kappaB. *Blood*, **2009**, 113, 3139-46	2.2	179
34	The tumor-promoting actions of TNF-alpha involve TNFR1 and IL-17 in ovarian cancer in mice and humans. *Journal of Clinical Investigation*, **2009**, 119, 3011-23	15.9	236
33	Investigating macrophage and malignant cell interactions in vitro. *Methods in Molecular Biology*, **2009**, 512, 325-32	1.4	12
32	The kinase p38 alpha serves cell type-specific inflammatory functions in skin injury and coordinates pro- and anti-inflammatory gene expression. *Nature Immunology*, **2008**, 9, 1019-27	19.1	214
31	The resolution of acute inflammation: A tipping point in the development of chronic inflammatory diseases **2008**, 1-18		7
30	"Re-educating" tumor-associated macrophages by targeting NF-kappaB. *Journal of Experimental Medicine*, **2008**, 205, 1261-8	16.6	630
29	An antiinflammatory role for IKKbeta through the inhibition of "classical" macrophage activation. *Journal of Experimental Medicine*, **2008**, 205, 1269-76	16.6	153
28	Inhibition of the tumor necrosis factor-alpha pathway is radioprotective for the lung. *Clinical Cancer Research*, **2008**, 14, 1868-76	12.9	52
27	Sustained desensitization to bacterial Toll-like receptor ligands after resolution of respiratory influenza infection. *Journal of Experimental Medicine*, **2008**, 205, 323-9	16.6	297
26	Novel biphasic role for lymphocytes revealed during resolving inflammation. *Blood*, **2008**, 111, 4184-92	2.2	58
25	Inflammation and cancer: a double-edged sword. *Cancer Cell*, **2007**, 12, 300-1	24.3	107
24	Hematopoietic prostaglandin D2 synthase controls the onset and resolution of acute inflammation through PGD2 and 15-deoxyDelta12 14 PGJ2. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 20979-84	11.5	202

23	Cancer. Sex, cytokines, and cancer. *Science*, **2007**, 317, 51-2	33.3	34
22	IKKalpha in the regulation of inflammation and adaptive immunity. *Biochemical Society Transactions*, **2007**, 35, 270-2	5.1	22
21	Inflammation and cancer: a failure of resolution?. *Trends in Pharmacological Sciences*, **2007**, 28, 162-5	13.2	64
20	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. *Journal of Immunology*, **2007**, 178, 5245-52	5.3	410
19	Chronic inflammation: a failure of resolution?. *International Journal of Experimental Pathology*, **2007**, 88, 85-94	2.8	212
18	Antiinflammatory effects of dexamethasone are partly dependent on induction of dual specificity phosphatase 1. *Journal of Experimental Medicine*, **2006**, 203, 1883-9	16.6	340
17	Innate immunity gone awry: linking microbial infections to chronic inflammation and cancer. *Cell*, **2006**, 124, 823-35	56.2	740
16	Detection of bacterial contamination in apheresis platelet products: American Red Cross experience, 2004. *Transfusion*, **2005**, 45, 1845-52	2.9	99
15	IKKalpha limits macrophage NF-kappaB activation and contributes to the resolution of inflammation. *Nature*, **2005**, 434, 1138-43	50.4	539
14	Allergen-induced peribronchial fibrosis and mucus production mediated by IkappaB kinase beta-dependent genes in airway epithelium. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 17723-8	11.5	132
13	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. *Journal of Experimental Medicine*, **2005**, 201, 1677-87	16.6	215
12	Sword and shield: linked group B streptococcal beta-hemolysin/cytolysin and carotenoid pigment function to subvert host phagocyte defense. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 14491-6	11.5	167
11	Inflammatory resolution: new opportunities for drug discovery. *Nature Reviews Drug Discovery*, **2004**, 3, 401-16	64.1	596
10	Reduced infiltration and increased apoptosis of leukocytes at sites of inflammation by systemic administration of a membrane-permeable IkappaBalpha repressor. *Arthritis and Rheumatism*, **2004**, 50, 2675-84		34
9	Air-pouch models of inflammation and modifications for the study of granuloma-mediated cartilage degradation. *Methods in Molecular Biology*, **2003**, 225, 181-9	1.4	22
8	Inducible cyclooxygenase-derived 15-deoxy(Delta)12-14PGJ2 brings about acute inflammatory resolution in rat pleurisy by inducing neutrophil and macrophage apoptosis. *FASEB Journal*, **2003**, 17, 2269-71	0.9	126
7	Modulation of inflammation in vivo through induction of the heat shock response, effects on NF-kappaB activation. *Inflammation Research*, **2002**, 51, 108-9	7.2	7
6	Anti-inflammatory lipid mediators and insights into the resolution of inflammation. *Nature Reviews Immunology*, **2002**, 2, 787-95	36.5	672

5	Inhibition of NF-kappa B activity by a membrane-transducing mutant of I kappa B alpha. *Journal of Immunology*, **2002**, 169, 2587-93	5.3	47
4	New insights into inflammatory resolution. *Inflammopharmacology*, **2001**, 9, 125-130	5.1	1
3	Possible new role for NF-kappaB in the resolution of inflammation. *Nature Medicine*, **2001**, 7, 1291-7	50.5	653
2	Cytokines and Chemokines in Inflammation and Cancer244-252		1
1	Macrophages orchestrate the expansion of a pro-angiogenic perivascular niche during cancer progression		1