# Toby Lawrence

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7644518/publications.pdf

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| 78 | 21,088 | 53794 | 85541 |
|---|---|---|---|
| papers | citations | 45 h-index | 71 g-index |

| 81 | 81 | 81 | 33690 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Sympathetic axonal sprouting induces changes in macrophage populations and protects against pancreatic cancer. Nature Communications, 2022, 13, 1985. | 12.8 | 14 |
| 2 | PAR-1 signaling on macrophages is required for effective inÂvivo delayed-type hypersensitivity responses. IScience, 2021, 24, 101981. | 4.1 | 7 |
| 3 | An inducible model for specific neutrophil depletion by diphtheria toxin in mice. Science China Life Sciences, 2021, 64, 1227-1235. | 4.9 | 4 |
| 4 | NF-ÎºBâ€“dependent IRF1 activation programs cDC1 dendritic cells to drive antitumor immunity. Science Immunology, 2021, 6, . | 11.9 | 55 |
| 5 | The Role of Plasmacytoid Dendritic Cells in Cancers. Frontiers in Immunology, 2021, 12, 749190. | 4.8 | 33 |
| 6 | Macrophages orchestrate the expansion of a proangiogenic perivascular niche during cancer progression. Science Advances, 2021, 7, eabg9518. | 10.3 | 32 |
| 7 | Non-activatable mutant of inhibitor of kappa B kinase Î± (IKKÎ±) exerts vascular site-specific effects on atherosclerosis in Apoe-deficient mice. Atherosclerosis, 2020, 292, 23-30. | 0.8 | 3 |
| 8 | Tissue-resident macrophages in omentum promote metastatic spread of ovarian cancer. Journal of Experimental Medicine, 2020, 217, . | 8.5 | 189 |
| 9 | Specific targeting of CD163+ TAMs mobilizes inflammatory monocytes and promotes T cellâ€“mediated tumor regression. Journal of Experimental Medicine, 2019, 216, 2394-2411. | 8.5 | 141 |
| 10 | 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. | 4.2 | 17 |
| 11 | Precise and Rapid Validation of Candidate Gene by Allele Specific Knockout With CRISPR/Cas9 in Wild Mice. Frontiers in Genetics, 2019, 10, 124. | 2.3 | 17 |
| 12 | Membrane Cholesterol Efflux Drives Tumor-Associated Macrophage Reprogramming and Tumor Progression. Cell Metabolism, 2019, 29, 1376-1389.e4. | 16.2 | 261 |
| 13 | Targeting STAT3 and STAT5 in Tumor-Associated Immune Cells to Improve Immunotherapy. Cancers, 2019, 11, 1832. | 3.7 | 38 |
| 14 | GADD45Î² Loss Ablates Innate Immunosuppression in Cancer. Cancer Research, 2018, 78, 1275-1292. | 0.9 | 33 |
| 15 | Autophagy in dendritic cells. Cellular and Molecular Immunology, 2018, 15, 944-952. | 10.5 | 111 |
| 16 | Representing the Process of Inflammation as Key Events in Adverse Outcome Pathways. Toxicological Sciences, 2018, 163, 346-352. | 3.1 | 49 |
| 17 | Molecular dissection of plasmacytoid dendritic cell activation inÂvivo during a viral infection. EMBO Journal, 2018, 37, . | 7.8 | 45 |
| 18 | Soluble ectodomain CD163 and extracellular vesicle-associated CD163 are two differently regulated forms of â€˜soluble CD163â€™ in plasma. Scientific Reports, 2017, 7, 40286. | 3.3 | 38 |

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|---|---|---|---|
| 19 | The ubiquitin ligase ZNRF1 promotes caveolin-1 ubiquitination and degradation to modulate inflammation. Nature Communications, 2017, 8, 15502. | 12.8 | 48 |
| 20 | Tumorâ€associated macrophages (TAMs) depend on ZEB1 for their cancerâ€promoting roles. EMBO Journal, 2017, 36, 3336-3355. | 7.8 | 112 |
| 21 | TGFÎ²R signalling controls CD103+CD11b+ dendritic cell development in the intestine. Nature Communications, 2017, 8, 620. | 12.8 | 74 |
| 22 | High-Density Lipoproteins Exert Pro-inflammatory Effects on Macrophages via Passive Cholesterol Depletion and PKC-NF-ÎºB/STAT1-IRF1 Signaling. Cell Metabolism, 2017, 25, 197-207. | 16.2 | 80 |
| 23 | Receptor Activator of NF-ÎºB Orchestrates Activation of Antiviral Memory CD8ÂT Cells in the Spleen Marginal Zone. Cell Reports, 2017, 21, 2515-2527. | 6.4 | 24 |
| 24 | Coordinated Regulation of Signaling Pathways during Macrophage Activation. , 2017, , 543-552. | | 0 |
| 25 | Coordinated Regulation of Signaling Pathways during Macrophage Activation. Microbiology Spectrum, 2016, 4, . | 3.0 | 1 |
| 26 | Loss of the co-repressor GPS2 sensitizes macrophage activation upon metabolic stress induced by obesity and type 2 diabetes. Nature Medicine, 2016, 22, 780-791. | 30.7 | 91 |
| 27 | Platelet CD40L Modulates Thrombus Growth Via Phosphatidylinositol 3-Kinase Î², and Not Via CD40 and IÎºB Kinase Î±. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 1374-1381. | 2.4 | 31 |
| 28 | Homeostatic NF-ÎºB Signaling in Steady-State Migratory Dendritic Cells Regulates Immune Homeostasis and Tolerance. Immunity, 2015, 42, 627-639. | 14.3 | 118 |
| 29 | An unexpected twist to the activation of IKKÎ²: TAK1 primes IKKÎ² for activation by autophosphorylation. Biochemical Journal, 2014, 461, 531-537. | 3.7 | 85 |
| 30 | Dendritic cell maturation: functional specialization through signaling specificity and transcriptional programming. EMBO Journal, 2014, 33, 1104-1116. | 7.8 | 316 |
| 31 | Macrophage Activation and Polarization: Nomenclature and Experimental Guidelines. Immunity, 2014, 41, 14-20. | 14.3 | 4,638 |
| 32 | Role of NF-ÎºB Activation in Macrophages. , 2014, , 447-462. | | 1 |
| 33 | Bone Marrow-Specific Knock-In of a Non-Activatable Ikkβ Kinase Mutant Influences Haematopoiesis but Not Atherosclerosis in Apoe-Deficient Mice. PLoS ONE, 2014, 9, e87452. | 2.5 | 14 |
| 34 | I kappa B kinase alpha (IKKÎ±) activity is required for functional maturation of dendritic cells and acquired immunity to infection. EMBO Journal, 2013, 32, 816-828. | 7.8 | 19 |
| 35 | Cigarette Smoke Induced Airway Inflammation Is Independent of NF-ÎºB Signalling. PLoS ONE, 2013, 8, e54128. | 2.5 | 32 |
| 36 | The Pore-Forming Toxin Î² hemolysin/cytolysin Triggers p38 MAPK-Dependent IL-10 Production in Macrophages and Inhibits Innate Immunity. PLoS Pathogens, 2012, 8, e1002812. | 4.7 | 47 |

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|---|---|---|---|
| 37 | Transcriptional regulation of macrophage polarization: enabling diversity with identity. Nature Reviews Immunology, 2011, 11, 750-761. | 22.7 | 1,757 |
| 38 | Nuclear Factor-ÎºB and Tumor-Associated Macrophages. Clinical Cancer Research, 2010, 16, 784-789. | 7.0 | 118 |
| 39 | Macrophages and NF-ÎºB in Cancer. Current Topics in Microbiology and Immunology, 2010, 349, 171-184. | 1.1 | 20 |
| 40 | The resolution of inflammation: Anti-inflammatory roles for NF-ÎºB. International Journal of Biochemistry and Cell Biology, 2010, 42, 519-523. | 2.8 | 246 |
| 41 | The resolution of inflammation and cancer. Cytokine and Growth Factor Reviews, 2010, 21, 61-65. | 7.2 | 71 |
| 42 | The Nuclear Factor NF-ÂB Pathway in Inflammation. Cold Spring Harbor Perspectives in Biology, 2009, 1, a001651-a001651. | 5.5 | 3,496 |
| 43 | Regulation of macrophage function in tumors: the multifaceted role of NF-ÎºB. Blood, 2009, 113, 3139-3146. | 1.4 | 208 |
| 44 | Investigating Macrophage and Malignant Cell Interactions In Vitro. Methods in Molecular Biology, 2009, 512, 325-332. | 0.9 | 12 |
| 45 | The tumor-promoting actions of TNF-Î± involve TNFR1 and IL-17 in ovarian cancer in mice and humans. Journal of Clinical Investigation, 2009, 119, 3011-3023. | 8.2 | 280 |
| 46 | The kinase p38Î± serves cell typeâ€“specific inflammatory functions in skin injury and coordinates pro- and anti-inflammatory gene expression. Nature Immunology, 2008, 9, 1019-1027. | 14.5 | 250 |
| 47 | The resolution of acute inflammation: A â€˜tipping pointâ€™ in the development of chronic inflammatory diseases. , 2008, , 1-18. | | 10 |
| 48 | â€œRe-educatingâ€•tumor-associated macrophages by targeting NF-ÎºB. Journal of Experimental Medicine, 2008, 205, 1261-1268. | 8.5 | 700 |
| 49 | 148 â€˜Re-educatingâ€™ macrophages in infection and cancer by targeting NF-ÎºB. Cytokine, 2008, 43, 271. | 3.2 | 0 |
| 50 | An antiinflammatory role for IKKÎ² through the inhibition of â€œclassicalâ€•macrophage activation. Journal of Experimental Medicine, 2008, 205, 1269-1276. | 8.5 | 180 |
| 51 | Inhibition of the Tumor Necrosis Factor-Â Pathway Is Radioprotective for the Lung. Clinical Cancer Research, 2008, 14, 1868-1876. | 7.0 | 61 |
| 52 | Sustained desensitization to bacterial Toll-like receptor ligands after resolutionof respiratory influenza infection. Journal of Experimental Medicine, 2008, 205, 323-329. | 8.5 | 353 |
| 53 | Novel biphasic role for lymphocytes revealed during resolving inflammation. Blood, 2008, 111, 4184-4192. | 1.4 | 65 |
| 54 | Hematopoietic prostaglandin D<sub>2</sub>synthase controls the onset and resolution of acute inflammation through PGD<sub>2</sub>and 15-deoxyÎ”<sup>12â€“14</sup>PGJ<sub>2</sub>. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 20979-20984. | 7.1 | 230 |

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|---|---|---|---|
| 55 | Sex, Cytokines, and Cancer. Science, 2007, 317, 51-52. | 12.6 | 42 |
| 56 | IKKÎ± in the regulation of inflammation and adaptive immunity. Biochemical Society Transactions, 2007, 35, 270-272. | 3.4 | 24 |
| 57 | Inflammation and cancer: a failure of resolution?. Trends in Pharmacological Sciences, 2007, 28, 162-165. | 8.7 | 74 |
| 58 | 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, 5245-5252. | 0.8 | 514 |
| 59 | Inflammation and Cancer: A Double-Edged Sword. Cancer Cell, 2007, 12, 300-301. | 16.8 | 127 |
| 60 | Antiinflammatory effects of dexamethasone are partly dependent on induction of dual specificity phosphatase 1. Journal of Experimental Medicine, 2006, 203, 1883-1889. | 8.5 | 385 |
| 61 | Innate Immunity Gone Awry: Linking Microbial Infections to Chronic Inflammation and Cancer. Cell, 2006, 124, 823-835. | 28.9 | 835 |
| 62 | Chronic inflammation: a failure of resolution?. International Journal of Experimental Pathology, 2006, 88, 85-94. | 1.3 | 275 |
| 63 | Detection of bacterial contamination in apheresis platelet products: American Red Cross experience, 2004. Transfusion, 2005, 45, 1845-1852. | 1.6 | 104 |
| 64 | IKKÎ± limits macrophage NF-Î²B activation and contributes to the resolution of inflammation. Nature, 2005, 434, 1138-1143. | 27.8 | 601 |
| 65 | Allergen-induced peribronchial fibrosis and mucus production mediated by IÂB kinase Â-dependent genes in airway epithelium. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 17723-17728. | 7.1 | 140 |
| 66 | Î²B kinase (IKK)Î², but not IKKÎ±, is a critical mediator of osteoclast survival and is required for inflammation-induced bone loss. Journal of Experimental Medicine, 2005, 201, 1677-1687. | 8.5 | 236 |
| 67 | Sword and shield: Linked group B streptococcal Â-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, 14491-14496. | 7.1 | 200 |
| 68 | Inflammatory Resolution: new opportunities for drug discovery. Nature Reviews Drug Discovery, 2004, 3, 401-416. | 46.4 | 664 |
| 69 | Reduced infiltration and increased apoptosis of leukocytes at sites of inflammation by systemic administration of a membrane-permeable I?B? repressor. Arthritis and Rheumatism, 2004, 50, 2675-2684. | 6.7 | 41 |
| 70 | Air-Pouch Models of Inflammation and Modifications for the Study of Granuloma-Mediated Cartilage Degradation. , 2003, 225, 181-190. | | 29 |
| 71 | Inducible cyclooxygenaseâ€derived 15deoxy Î” 12â€14 PGJ 2 brings about acute inflammatory resolution in rat pleurisy by inducing neutrophil and macrophage apoptosis. FASEB Journal, 2003, 17, 2269-2271. | 0.5 | 135 |
| 72 | Inhibition of NF-Î²B Activity by a Membrane-Transducing Mutant of Î²BÎ±. Journal of Immunology, 2002, 169, 2587-2593. | 0.8 | 50 |

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|---|---|---|---|
| 73 | Modulation of inflammation in vivo through induction of the heat shock response, effects on NF-ÎºB activation. Inflammation Research, 2002, 51, 108-109. | 4.0 | 7 |
| 74 | Anti-inflammatory lipid mediators and insights into the resolution of inflammation. Nature Reviews Immunology, 2002, 2, 787-795. | 22.7 | 751 |
| 75 | New insights into inflammatory resolution. Inflammopharmacology, 2001, 9, 125-130. | 3.9 | 1 |
| 76 | Possible new role for NF-ÎºB in the resolution of inflammation. Nature Medicine, 2001, 7, 1291-1297. | 30.7 | 971 |
| 77 | Cytokines and Chemokines in Inflammation and Cancer. , 0, , 244-252. | | 1 |
| 78 | Tumor-Induced Cholesterol Efflux from Macrophages Drives IL-4 Mediated Reprogramming and Tumor Progression. SSRN Electronic Journal, 0, , . | 0.4 | 1 |