

# Brendan J Jenkins

## List of Publications by Citations

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97  
papers

6,980  
citations

36  
h-index

83  
g-index

114  
ext. papers

7,953  
ext. citations

9.1  
avg, IF

5.72  
L-index

#	Paper	IF	Citations
97	A family of cytokine-inducible inhibitors of signalling. <i>Nature</i> , <b>1997</b> , 387, 917-21	50.4	1784
96	Reciprocal regulation of gastrointestinal homeostasis by SHP2 and STAT-mediated trefoil gene activation in gp130 mutant mice. <i>Nature Medicine</i> , <b>2002</b> , 8, 1089-97	50.5	407
95	Recent insights into targeting the IL-6 cytokine family in inflammatory diseases and cancer. <i>Nature Reviews Immunology</i> , <b>2018</b> , 18, 773-789	36.5	355
94	Hyperactivation of Stat3 in gp130 mutant mice promotes gastric hyperproliferation and desensitizes TGF-beta signaling. <i>Nature Medicine</i> , <b>2005</b> , 11, 845-52	50.5	251
93	IL-6 regulates neutrophil trafficking during acute inflammation via STAT3. <i>Journal of Immunology</i> , <b>2008</b> , 181, 2189-95	5.3	244
92	Acquiring signalling specificity from the cytokine receptor gp130. <i>Trends in Genetics</i> , <b>2004</b> , 20, 23-32	8.5	239
91	IL-6 trans-signaling via STAT3 directs T cell infiltration in acute inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 9589-94	11.5	237
90	STAT3 and STAT1 mediate IL-11-dependent and inflammation-associated gastric tumorigenesis in gp130 receptor mutant mice. <i>Journal of Clinical Investigation</i> , <b>2008</b> , 118, 1727-38	15.9	229
89	Interleukin-6 signaling drives fibrosis in unresolved inflammation. <i>Immunity</i> , <b>2014</b> , 40, 40-50	32.3	227
88	IL-6 trans-signaling modulates TLR4-dependent inflammatory responses via STAT3. <i>Journal of Immunology</i> , <b>2011</b> , 186, 1199-208	5.3	208
87	STAT3-driven upregulation of TLR2 promotes gastric tumorigenesis independent of tumor inflammation. <i>Cancer Cell</i> , <b>2012</b> , 22, 466-78	24.3	196
86	Therapeutic targeting of IL-6 trans signaling counteracts STAT3 control of experimental inflammatory arthritis. <i>Journal of Immunology</i> , <b>2009</b> , 182, 613-22	5.3	159
85	Gastric cancer development in mice lacking the SHP2 binding site on the IL-6 family co-receptor gp130. <i>Gastroenterology</i> , <b>2004</b> , 126, 196-207	13.3	155
84	Glycoprotein 130 regulates bone turnover and bone size by distinct downstream signaling pathways. <i>Journal of Clinical Investigation</i> , <b>2004</b> , 113, 379-89	15.9	154
83	Interleukin-11 receptor signaling is required for normal bone remodeling. <i>Journal of Bone and Mineral Research</i> , <b>2005</b> , 20, 1093-102	6.3	115
82	STAT3 activation regulates growth, inflammation, and vascularization in a mouse model of gastric tumorigenesis. <i>Gastroenterology</i> , <b>2006</b> , 131, 1073-85	13.3	111
81	STAT1 plays a role in TLR signal transduction and inflammatory responses. <i>Immunology and Cell Biology</i> , <b>2014</b> , 92, 761-9	5	86

80	Rab8a interacts directly with PI3K to modulate TLR4-driven PI3K and mTOR signalling. <i>Nature Communications</i> , <b>2014</b> , 5, 4407	17.4	85
79	Interleukin-27 inhibits ectopic lymphoid-like structure development in early inflammatory arthritis. <i>Journal of Experimental Medicine</i> , <b>2015</b> , 212, 1793-802	16.6	76
78	IL6 Trans-signaling Promotes KRAS-Driven Lung Carcinogenesis. <i>Cancer Research</i> , <b>2016</b> , 76, 866-76	10.1	73
77	Gab3, a new DOS/Gab family member, facilitates macrophage differentiation. <i>Molecular and Cellular Biology</i> , <b>2002</b> , 22, 231-44	4.8	73
76	The threshold of gp130-dependent STAT3 signaling is critical for normal regulation of hematopoiesis. <i>Blood</i> , <b>2005</b> , 105, 3512-20	2.2	68
75	Pathologic consequences of STAT3 hyperactivation by IL-6 and IL-11 during hematopoiesis and lymphopoiesis. <i>Blood</i> , <b>2007</b> , 109, 2380-8	2.2	57
74	Interleukin-6 promotes pulmonary emphysema associated with apoptosis in mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2011</b> , 45, 720-30	5.7	56
73	Differential regulation of gastric tumor growth by cytokines that signal exclusively through the coreceptor gp130. <i>Gastroenterology</i> , <b>2005</b> , 129, 1005-18	13.3	56
72	Inflammation modulates the expression of the intestinal mucins MUC2 and MUC4 in gastric tumors. <i>Oncogene</i> , <b>2010</b> , 29, 1753-62	9.2	53
71	Suppressor of cytokine signaling 3 regulates CD8 T-cell proliferation by inhibition of interleukins 6 and 27. <i>Blood</i> , <b>2007</b> , 110, 2528-36	2.2	52
70	Innate cellular sources of interleukin-17A regulate macrophage accumulation in cigarette-smoke-induced lung inflammation in mice. <i>Clinical Science</i> , <b>2015</b> , 129, 785-96	6.5	49
69	Naive and activated T cells display differential responsiveness to TL1A that affects Th17 generation, maintenance, and proliferation. <i>FASEB Journal</i> , <b>2011</b> , 25, 409-19	0.9	44
68	Nucleotide oligomerization domain 1 enhances IFN- $\beta$ signaling in gastric epithelial cells during <i>Helicobacter pylori</i> infection and exacerbates disease severity. <i>Journal of Immunology</i> , <b>2013</b> , 190, 3706-15	5.3	42
67	Imbalanced gp130-dependent signaling in macrophages alters macrophage colony-stimulating factor responsiveness via regulation of c-fms expression. <i>Molecular and Cellular Biology</i> , <b>2004</b> , 24, 1453-63	4.8	40
66	ADAM17 selectively activates the IL-6 trans-signaling/ERK MAPK axis in KRAS-addicted lung cancer. <i>EMBO Molecular Medicine</i> , <b>2019</b> , 11,	12	39
65	Inflammasome Adaptor ASC Suppresses Apoptosis of Gastric Cancer Cells by an IL18-Mediated Inflammation-Independent Mechanism. <i>Cancer Research</i> , <b>2018</b> , 78, 1293-1307	10.1	39
64	Interacting residues in the extracellular region of the common beta subunit of the human granulocyte-macrophage colony-stimulating factor, interleukin (IL)-3, and IL-5 receptors involved in constitutive activation. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 29707-14	5.4	39
63	Inflammation and gastrointestinal cancer: an overview. <i>Cancer Letters</i> , <b>2014</b> , 345, 153-6	9.9	37

62	Therapeutic Targeting of the IL-6 Trans-Signaling/Mechanistic Target of Rapamycin Complex 1 Axis in Pulmonary Emphysema. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2016</b> , 194, 1494-1505	10.2	37
61	Differential role of MyD88 and Mal/TIRAP in TLR2-mediated gastric tumorigenesis. <i>Oncogene</i> , <b>2014</b> , 33, 2540-6	9.2	33
60	Saturation Mutagenesis of the $\beta$ Subunit of the Human Granulocyte-Macrophage Colony-Stimulating Factor Receptor Shows Clustering of Constitutive Mutations, Activation of ERK MAP Kinase and STAT Pathways, and Differential $\beta$ Subunit Tyrosine Phosphorylation. <i>Blood</i> , <b>1998</b> , 92, 1989-2002	2.2	33
59	Critical and independent role for SOCS3 in either myeloid or T cells in resistance to Mycobacterium tuberculosis. <i>PLoS Pathogens</i> , <b>2013</b> , 9, e1003442	7.6	31
58	Dangerous liaisons between interleukin-6 cytokine and toll-like receptor families: a potent combination in inflammation and cancer. <i>Cytokine and Growth Factor Reviews</i> , <b>2013</b> , 24, 249-56	17.9	30
57	Clinical Utility of a STAT3-Regulated miRNA-200 Family Signature with Prognostic Potential in Early Gastric Cancer. <i>Clinical Cancer Research</i> , <b>2018</b> , 24, 1459-1472	12.9	29
56	TLR Agonists as Adjuvants for Cancer Vaccines. <i>Advances in Experimental Medicine and Biology</i> , <b>2017</b> , 1024, 195-212	3.6	28
55	Deregulated Stat3 signaling dissociates pulmonary inflammation from emphysema in gp130 mutant mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2012</b> , 302, L627-39	5.8	28
54	Interleukin 1 Up-regulates MicroRNA 135b to Promote Inflammation-Associated Gastric Carcinogenesis in Mice. <i>Gastroenterology</i> , <b>2019</b> , 156, 1140-1155.e4	13.3	28
53	Differential expression of genes encoding a cysteine-rich keratin family in the hair cuticle. <i>Journal of Investigative Dermatology</i> , <b>1994</b> , 103, 310-7	4.3	26
52	The molecular pathogenesis of STAT3-driven gastric tumorigenesis in mice is independent of IL-17. <i>Journal of Pathology</i> , <b>2011</b> , 225, 255-64	9.4	25
51	Toll-like receptor 2 regulates metabolic reprogramming in gastric cancer via superoxide dismutase 2. <i>International Journal of Cancer</i> , <b>2019</b> , 144, 3056-3069	7.5	25
50	Murine Oncostatin M Acts via Leukemia Inhibitory Factor Receptor to Phosphorylate Signal Transducer and Activator of Transcription 3 (STAT3) but Not STAT1, an Effect That Protects Bone Mass. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 21703-21716	5.4	24
49	Myeloid Differentiation Factor 88 Signaling in Bone Marrow-Derived Cells Promotes Gastric Tumorigenesis by Generation of Inflammatory Microenvironment. <i>Cancer Prevention Research</i> , <b>2016</b> , 9, 253-63	3.2	24
48	Tying the knot between cytokine and toll-like receptor signaling in gastrointestinal tract cancers. <i>Cancer Science</i> , <b>2013</b> , 104, 1139-45	6.9	24
47	Endoscopic ultrasound-guided fine-needle aspirate-derived preclinical pancreatic cancer models reveal panitumumab sensitivity in KRAS wild-type tumors. <i>International Journal of Cancer</i> , <b>2017</b> , 140, 2331-2343	7.5	23
46	ADAM17: An Emerging Therapeutic Target for Lung Cancer. <i>Cancers</i> , <b>2019</b> , 11,	6.6	23
45	Hyperactive gp130/STAT3-driven gastric tumorigenesis promotes submucosal tertiary lymphoid structure development. <i>International Journal of Cancer</i> , <b>2018</b> , 143, 167-178	7.5	23

44	Hematopoietic abnormalities in mice deficient in gp130-mediated STAT signaling. <i>Experimental Hematology</i> , <b>2002</b> , 30, 1248-56	3.1	23
43	Murine- and Human-Derived Autologous Organoid/Immune Cell Co-Cultures as Pre-Clinical Models of Pancreatic Ductal Adenocarcinoma. <i>Cancers</i> , <b>2020</b> , 12,	6.6	20
42	IL-6/Stat3-driven pulmonary inflammation, but not emphysema, is dependent on interleukin-17A in mice. <i>Respirology</i> , <b>2014</b> , 19, 419-27	3.6	19
41	Type IV Secretion System and Its Adhesin Subunit, CagL, Mediate Potent Inflammatory Responses in Primary Human Endothelial Cells. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2018</b> , 8, 22	5.9	18
40	A cell type-specific constitutive point mutant of the common beta-subunit of the human granulocyte-macrophage colony-stimulating factor (GM-CSF), interleukin (IL)-3, and IL-5 receptors requires the GM-CSF receptor alpha-subunit for activation. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 8669-77	5.4	18
39	Interleukin-11-driven gastric tumourigenesis is independent of trans-signalling. <i>Cytokine</i> , <b>2017</b> , 92, 118-123	4.3	17
38	In vivo evidence that RBM5 is a tumour suppressor in the lung. <i>Scientific Reports</i> , <b>2017</b> , 7, 16323	4.9	17
37	Inflammatory and non-inflammatory roles for Toll-like receptors in gastrointestinal cancer. <i>Current Pharmaceutical Design</i> , <b>2015</b> , 21, 2968-77	3.3	15
36	The ADAM17 protease promotes tobacco smoke carcinogen-induced lung tumorigenesis. <i>Carcinogenesis</i> , <b>2020</b> , 41, 527-538	4.6	15
35	Exacerbated inflammatory arthritis in response to hyperactive gp130 signalling is independent of IL-17A. <i>Annals of the Rheumatic Diseases</i> , <b>2013</b> , 72, 1738-42	2.4	14
34	Differential involvement of gp130 signalling pathways in modulating tobacco carcinogen-induced lung tumourigenesis. <i>Oncogene</i> , <b>2015</b> , 34, 1510-9	9.2	13
33	Constitutive STAT3 Serine Phosphorylation Promotes Helicobacter-Mediated Gastric Disease. <i>American Journal of Pathology</i> , <b>2020</b> , 190, 1256-1270	5.8	13
32	Imbalanced gp130 signalling in ApoE-deficient mice protects against atherosclerosis. <i>Atherosclerosis</i> , <b>2015</b> , 238, 321-8	3.1	12
31	Reviewing the Utility of EUS FNA to Advance Precision Medicine in Pancreatic Cancer. <i>Cancers</i> , <b>2018</b> , 10,	6.6	12
30	Transcriptional regulation of pattern recognition receptors by Jak/STAT signaling, and the implications for disease pathogenesis. <i>Journal of Interferon and Cytokine Research</i> , <b>2014</b> , 34, 750-8	3.5	12
29	LPS hypersensitivity of gp130 mutant mice is independent of elevated haemopoietic TLR4 signaling. <i>Immunology and Cell Biology</i> , <b>2012</b> , 90, 559-63	5	12
28	Serine-Phosphorylated STAT3 Promotes Tumorigenesis via Modulation of RNA Polymerase Transcriptional Activity. <i>Cancer Research</i> , <b>2019</b> , 79, 5272-5287	10.1	11
27	Transcriptional regulation of inflammasome-associated pattern recognition receptors, and the relevance to disease pathogenesis. <i>Molecular Immunology</i> , <b>2017</b> , 86, 3-9	4.3	11

26	Innate Immune Molecule NLRC5 Protects Mice From Helicobacter-induced Formation of Gastric Lymphoid Tissue. <i>Gastroenterology</i> , <b>2020</b> , 159, 169-182.e8	13.3	10
25	Non-essential role for TLR2 and its signaling adaptor Mal/TIRAP in preserving normal lung architecture in mice. <i>PLoS ONE</i> , <b>2013</b> , 8, e78095	3.7	7
24	ADAM17 Deficiency Protects against Pulmonary Emphysema. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2021</b> , 64, 183-195	5.7	7
23	STAT3-mediated upregulation of the AIM2 DNA sensor links innate immunity with cell migration to promote epithelial tumourigenesis. <i>Gut</i> , <b>2021</b> ,	19.2	6
22	Potential efficacy of interleukin-1 $\beta$ inhibition in lung cancer. <i>Lancet, The</i> , <b>2017</b> , 390, 1813-1814	4.0	5
21	Saturation Mutagenesis of the $\beta$ Subunit of the Human Granulocyte-Macrophage Colony-Stimulating Factor Receptor Shows Clustering of Constitutive Mutations, Activation of ERK MAP Kinase and STAT Pathways, and Differential $\beta$ Subunit Tyrosine Phosphorylation. <i>Blood</i> , <b>1998</b> , 92, 1666-1672	2.2	5
20	Complete loss of miR-200 family induces EMT associated cellular senescence in gastric cancer. <i>Oncogene</i> , <b>2021</b> ,	9.2	4
19	IL-6 family cytokines in respiratory health and disease. <i>Cytokine</i> , <b>2021</b> , 143, 155520	4	4
18	STAT3-driven hematopoiesis and lymphopoiesis abnormalities are dependent on serine phosphorylation. <i>Cytokine</i> , <b>2020</b> , 130, 155059	4	3
17	Investigating the Role of Toll-Like Receptors in Mouse Models of Gastric Cancer. <i>Methods in Molecular Biology</i> , <b>2016</b> , 1390, 427-49	1.4	3
16	Aspirin-Triggered Resolvin D1 Reduces Proliferation and the Neutrophil to Lymphocyte Ratio in a Mutant KRAS-Driven Lung Adenocarcinoma Model. <i>Cancers</i> , <b>2021</b> , 13,	6.6	3
15	Multifaceted Role of IRAK-M in the Promotion of Colon Carcinogenesis via Barrier Dysfunction and STAT3 Oncoprotein Stabilization in Tumors. <i>Cancer Cell</i> , <b>2016</b> , 29, 615-617	24.3	3
14	TLR2 activation promotes tumour growth and associates with patient survival and chemotherapy response in pancreatic ductal adenocarcinoma. <i>Oncogene</i> , <b>2021</b> , 40, 6007-6022	9.2	3
13	Isolation and characterization of a sheep cysteine-rich cuticle keratin pseudogene. <i>DNA Sequence</i> , <b>1992</b> , 3, 181-4		1
12	Oncostatin M expression induced by bacterial triggers drives airway inflammatory and mucus secretion in severe asthma.. <i>Science Translational Medicine</i> , <b>2022</b> , 14, eabf8188	17.5	1
11	Oncogenic dependency on STAT3 serine phosphorylation in KRAS mutant lung cancer. <i>Oncogene</i> , <b>2021</b> ,	9.2	1
10	An Organoid/Immune Cell Co-Culture as a Predictive Model for the Treatment of Pancreatic Cancer. <i>FASEB Journal</i> , <b>2019</b> , 33, 869.20	0.9	1
9	The EUS molecular evaluation of pancreatic cancer: A prospective multicenter cohort trial. <i>Endoscopic Ultrasound</i> , <b>2021</b> , 10, 335-343	3.6	1

8	Targeted Transcriptome and Mutation Analysis Improve the Diagnostic Performance of EUS-FNA Biopsies in Pancreatic Cancer. <i>Clinical Cancer Research</i> , <b>2021</b> , 27, 5900-5911	12.9	1
7	Context-dependent functions of pattern recognition receptors in cancer.. <i>Nature Reviews Cancer</i> , <b>2022</b> ,	31.3	1
6	A Method for the Establishment of Human Lung Adenocarcinoma Patient-Derived Xenografts in Mice. <i>Methods in Molecular Biology</i> , <b>2021</b> , 2279, 165-173	1.4	0
5	Inflammasome-Associated Gastric Tumorigenesis Is Independent of the NLRP3 Pattern Recognition Receptor.. <i>Frontiers in Oncology</i> , <b>2022</b> , 12, 830350	5.3	0
4	EUS-FNA Biopsies to Guide Precision Medicine in Pancreatic Cancer: Results of a Pilot Study to Identify Wild-Type Tumours for Targeted Therapy.. <i>Frontiers in Oncology</i> , <b>2021</b> , 11, 770022	5.3	0
3	Immuno-detection of Immature and Bioactive Forms of the Inflammatory Cytokine IL-18. <i>Methods in Molecular Biology</i> , <b>2018</b> , 1725, 229-235	1.4	
2	161. <i>Cytokine</i> , <b>2014</b> , 70, 67	4	
1	Unravelling the pro-tumorigenic role of innate immune pattern recognition receptors in the gastric compartment <b>2021</b> , 43-90		