Fiona J Pixley

List of Publications by Year in Descending Order

46 papers	4,840 citations	28 h-index	51 g-index
51 ext. papers	5,375 ext. citations	6.7 avg, IF	5.13 L-index

#	Paper	IF	Citations
46	Mesothelial cells regulate immune responses in health and disease: role for immunotherapy in malignant mesothelioma. *Current Opinion in Immunology*, **2020**, 64, 88-109	7.8	4
45	Inhibition of the SRC Kinase HCK Impairs STAT3-Dependent Gastric Tumor Growth in Mice. *Cancer Immunology Research*, **2020**, 8, 428-435	12.5	8
44	Adhesion, motility and matrix-degrading gene expression changes in CSF-1-induced mouse macrophage differentiation. *Journal of Cell Science*, **2020**, 133,	5.3	3
43	F-isoprostanes affect macrophage migration and CSF-1 signalling. *Free Radical Biology and Medicine* , **2018**, 126, 142-152	7.8	8
42	Reticulon-1 and Reduced Migration toward Chemoattractants by Macrophages Differentiated from the Bone Marrow of Ultraviolet-Irradiated and Ultraviolet-Chimeric Mice. *Journal of Immunology*, **2018**, 200, 260-270	5.3	6
41	Macrophage Depletion in Elderly Mice Improves Response to Tumor Immunotherapy, Increases Anti-tumor T Cell Activity and Reduces Treatment-Induced Cachexia. *Frontiers in Genetics*, **2018**, 9, 526	4.5	22
40	Aging and cancer: The role of macrophages and neutrophils. *Ageing Research Reviews*, **2017**, 36, 105-116	12	104
39	PGE pulsing of murine bone marrow cells reduces migration of daughter monocytes/macrophages in vitro and in vivo. *Experimental Hematology*, **2017**, 56, 64-68	3.1	5
38	UV Irradiation of Skin Enhances Glycolytic Flux and Reduces Migration Capabilities in Bone Marrow-Differentiated Dendritic Cells. *American Journal of Pathology*, **2017**, 187, 2046-2059	5.8	9
37	Promotion of Tumor Invasion by Tumor-Associated Macrophages: The Role of CSF-1-Activated Phosphatidylinositol 3 Kinase and Src Family Kinase Motility Signaling. *Cancers*, **2017**, 9,	6.6	34
36	Src family kinase expression and subcellular localization in macrophages: implications for their role in CSF-1-induced macrophage migration. *Journal of Leukocyte Biology*, **2016**, 100, 163-75	6.5	16
35	A three-dimensional co-culture system to investigate macrophage-dependent tumor cell invasion. *Journal of Biological Methods*, **2016**, 3, e49	1.4	15
34	CSF-1R signaling in health and disease: a focus on the mammary gland. *Journal of Mammary Gland Biology and Neoplasia*, **2014**, 19, 149-59	2.4	25
33	Specific inhibition of PI3K p110□ inhibits CSF-1-induced macrophage spreading and invasive capacity. *FEBS Journal*, **2013**, 280, 5228-36	5.7	28
32	CSF-1 signaling in macrophages: pleiotrophy through phosphotyrosine-based signaling pathways. *Critical Reviews in Clinical Laboratory Sciences*, **2012**, 49, 49-61	9.4	46
31	Macrophage Migration and Its Regulation by CSF-1. *International Journal of Cell Biology*, **2012**, 2012, 501962	2.2	65
30	Macrophage proliferation is regulated through CSF-1 receptor tyrosines 544, 559, and 807. *Journal of Biological Chemistry*, **2012**, 287, 13694-704	5.4	52

29	Phosphorylation of CSF-1R Y721 mediates its association with PI3K to regulate macrophage motility and enhancement of tumor cell invasion. *Journal of Cell Science*, **2011**, 124, 2021-31	5.3	49
28	Cytokines and Cytokine Receptors Regulating Cell Survival, Proliferation, and Differentiation in Hematopoiesis **2010**, 2733-2742		3
27	GLEPP1/protein-tyrosine phosphatase phi inhibitors block chemotaxis in vitro and in vivo and improve murine ulcerative colitis. *Journal of Biological Chemistry*, **2009**, 284, 11385-95	5.4	9
26	CSF-1 receptor structure/function in MacCsf1r-/- macrophages: regulation of proliferation, differentiation, and morphology. *Journal of Leukocyte Biology*, **2008**, 84, 852-63	6.5	62
25	PU.1 and C/EBPalpha/beta convert fibroblasts into macrophage-like cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 6057-62	11.5	270
24	Regulation of lamellipodial persistence, adhesion turnover, and motility in macrophages by focal adhesion kinase. *Journal of Cell Biology*, **2007**, 179, 1275-87	7.3	128
23	Invadopodia and podosomes in tumor invasion. *European Journal of Cell Biology*, **2006**, 85, 213-8	6.1	138
22	Rapid chemokinetic movement and the invasive potential of lung cancer cells; a functional molecular study. *BMC Cancer*, **2006**, 6, 151	4.8	13
21	A syndrome of holoprosencephaly, recurrent infections, and monocytosis. *American Journal of Medical Genetics, Part A*, **2006**, 140, 2742-8	2.5	
20	BCL-6 negatively regulates macrophage proliferation by suppressing autocrine IL-6 production. *Blood*, **2005**, 105, 1777-84	2.2	56
19	BCL6 suppresses RhoA activity to alter macrophage morphology and motility. *Journal of Cell Science*, **2005**, 118, 1873-83	5.3	44
18	The PCH family member MAYP/PSTPIP2 directly regulates F-actin bundling and enhances filopodia formation and motility in macrophages. *Molecular Biology of the Cell*, **2005**, 16, 2947-59	3.5	61
17	Macrophages promote the invasion of breast carcinoma cells via a colony-stimulating factor-1/epidermal growth factor paracrine loop. *Cancer Research*, **2005**, 65, 5278-83	10.1	581
16	A paracrine loop between tumor cells and macrophages is required for tumor cell migration in mammary tumors. *Cancer Research*, **2004**, 64, 7022-9	10.1	893
15	CSF-1 regulation of the wandering macrophage: complexity in action. *Trends in Cell Biology*, **2004**, 14, 628-38	18.3	580
14	Expression and tyrosine phosphorylation of Cbl regulates macrophage chemokinetic and chemotactic movement. *Journal of Cellular Physiology*, **2003**, 195, 276-89	7	37
13	Cyclin D1 governs adhesion and motility of macrophages. *Molecular Biology of the Cell*, **2003**, 14, 2005-15	3.5	129
12	Protein tyrosine phosphatase phi regulates paxillin tyrosine phosphorylation and mediates colony-stimulating factor 1-induced morphological changes in macrophages. *Molecular and Cellular Biology*, **2001**, 21, 1795-809	4.8	63

11	Rho Family GTPases Regulate Mammary Epithelium Cell Growth and Metastasis Through Distinguishable Pathways. *Molecular Medicine*, **2001**, 7, 816-830	6.2	83
10	Regulation of mouse podocyte process dynamics by protein tyrosine phosphatases rapid communication. *Kidney International*, **2000**, 57, 2035-42	9.9	50
9	Biology and action of colony--stimulating factor-1. *Molecular Reproduction and Development*, **1997**, 46, 4-10	2.6	334
8	A heteromorphic protein-tyrosine phosphatase, PTP phi, is regulated by CSF-1 in macrophages. *Journal of Biological Chemistry*, **1995**, 270, 27339-47	5.4	39
7	Studies of the very Early Responses of a Receptor Tyrosine Kinase to Growth Factor Binding and their Application to the Purification and Identification of Proteins that are Tyrosine Phosphorylated in the Growth Factor Response **1993**, 45-62		1
6	Mitochondrial gene sequences show fungal homology for Pneumocystis carinii. *Molecular Microbiology*, **1991**, 5, 1347-51	4.1	73
5	Amplification of mitochondrial ribosomal RNA sequences from Pneumocystis carinii DNA of rat and human origin. *Molecular and Biochemical Parasitology*, **1990**, 43, 69-76	1.9	170
4	Detection of Pneumocystis carinii with DNA amplification. *Lancet, The*, **1990**, 336, 451-3	40	394
3	Importance of beta 2-adrenoceptor stimulation in the suppression of intradermal antigen challenge by adrenaline. *British Journal of Clinical Pharmacology*, **1989**, 27, 173-7	3.8	4
2	The importance of bradykinin and histamine in the skin response to antigen. *British Journal of Clinical Pharmacology*, **1988**, 26, 803-5	3.8	4
1	Dietary factors in the aetiology of gall stones: a case control study. *Gut*, **1988**, 29, 1511-5	19.2	43