

# Fiona J Pixley

## List of Publications by Citations

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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	A paracrine loop between tumor cells and macrophages is required for tumor cell migration in mammary tumors. <i>Cancer Research</i> , <b>2004</b> , 64, 7022-9	10.1	893
45	Macrophages promote the invasion of breast carcinoma cells via a colony-stimulating factor-1/epidermal growth factor paracrine loop. <i>Cancer Research</i> , <b>2005</b> , 65, 5278-83	10.1	581
44	CSF-1 regulation of the wandering macrophage: complexity in action. <i>Trends in Cell Biology</i> , <b>2004</b> , 14, 628-38	18.3	580
43	Detection of <i>Pneumocystis carinii</i> with DNA amplification. <i>Lancet, The</i> , <b>1990</b> , 336, 451-3	4.0	394
42	Biology and action of colony-stimulating factor-1. <i>Molecular Reproduction and Development</i> , <b>1997</b> , 46, 4-10	2.6	334
41	PU.1 and C/EBPalpha/beta convert fibroblasts into macrophage-like cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 6057-62	11.5	270
40	Amplification of mitochondrial ribosomal RNA sequences from <i>Pneumocystis carinii</i> DNA of rat and human origin. <i>Molecular and Biochemical Parasitology</i> , <b>1990</b> , 43, 69-76	1.9	170
39	Invadopodia and podosomes in tumor invasion. <i>European Journal of Cell Biology</i> , <b>2006</b> , 85, 213-8	6.1	138
38	Cyclin D1 governs adhesion and motility of macrophages. <i>Molecular Biology of the Cell</i> , <b>2003</b> , 14, 2005-15	5.5	129
37	Regulation of lamellipodial persistence, adhesion turnover, and motility in macrophages by focal adhesion kinase. <i>Journal of Cell Biology</i> , <b>2007</b> , 179, 1275-87	7.3	128
36	Aging and cancer: The role of macrophages and neutrophils. <i>Ageing Research Reviews</i> , <b>2017</b> , 36, 105-116	12	104
35	Rho Family GTPases Regulate Mammary Epithelium Cell Growth and Metastasis Through Distinguishable Pathways. <i>Molecular Medicine</i> , <b>2001</b> , 7, 816-830	6.2	83
34	Mitochondrial gene sequences show fungal homology for <i>Pneumocystis carinii</i> . <i>Molecular Microbiology</i> , <b>1991</b> , 5, 1347-51	4.1	73
33	Macrophage Migration and Its Regulation by CSF-1. <i>International Journal of Cell Biology</i> , <b>2012</b> , 2012, 5019-22	6.2	65
32	Protein tyrosine phosphatase phi regulates paxillin tyrosine phosphorylation and mediates colony-stimulating factor 1-induced morphological changes in macrophages. <i>Molecular and Cellular Biology</i> , <b>2001</b> , 21, 1795-809	4.8	63
31	CSF-1 receptor structure/function in <i>MacCsf1r</i> <sup>-/-</sup> macrophages: regulation of proliferation, differentiation, and morphology. <i>Journal of Leukocyte Biology</i> , <b>2008</b> , 84, 852-63	6.5	62
30	The PCH family member MAYP/PSTPIP2 directly regulates F-actin bundling and enhances filopodia formation and motility in macrophages. <i>Molecular Biology of the Cell</i> , <b>2005</b> , 16, 2947-59	3.5	61

29	BCL-6 negatively regulates macrophage proliferation by suppressing autocrine IL-6 production. <i>Blood</i> , <b>2005</b> , 105, 1777-84	2.2	56
28	Macrophage proliferation is regulated through CSF-1 receptor tyrosines 544, 559, and 807. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 13694-704	5.4	52
27	Regulation of mouse podocyte process dynamics by protein tyrosine phosphatases rapid communication. <i>Kidney International</i> , <b>2000</b> , 57, 2035-42	9.9	50
26	Phosphorylation of CSF-1R Y721 mediates its association with PI3K to regulate macrophage motility and enhancement of tumor cell invasion. <i>Journal of Cell Science</i> , <b>2011</b> , 124, 2021-31	5.3	49
25	CSF-1 signaling in macrophages: pleiotrophy through phosphotyrosine-based signaling pathways. <i>Critical Reviews in Clinical Laboratory Sciences</i> , <b>2012</b> , 49, 49-61	9.4	46
24	BCL6 suppresses RhoA activity to alter macrophage morphology and motility. <i>Journal of Cell Science</i> , <b>2005</b> , 118, 1873-83	5.3	44
23	Dietary factors in the aetiology of gall stones: a case control study. <i>Gut</i> , <b>1988</b> , 29, 1511-5	19.2	43
22	A heteromorph protein-tyrosine phosphatase, PTP phi, is regulated by CSF-1 in macrophages. <i>Journal of Biological Chemistry</i> , <b>1995</b> , 270, 27339-47	5.4	39
21	Expression and tyrosine phosphorylation of Cbl regulates macrophage chemokinetic and chemotactic movement. <i>Journal of Cellular Physiology</i> , <b>2003</b> , 195, 276-89	7	37
20	Promotion of Tumor Invasion by Tumor-Associated Macrophages: The Role of CSF-1-Activated Phosphatidylinositol 3 Kinase and Src Family Kinase Motility Signaling. <i>Cancers</i> , <b>2017</b> , 9,	6.6	34
19	Specific inhibition of PI3K p110 $\alpha$ inhibits CSF-1-induced macrophage spreading and invasive capacity. <i>FEBS Journal</i> , <b>2013</b> , 280, 5228-36	5.7	28
18	CSF-1R signaling in health and disease: a focus on the mammary gland. <i>Journal of Mammary Gland Biology and Neoplasia</i> , <b>2014</b> , 19, 149-59	2.4	25
17	Macrophage Depletion in Elderly Mice Improves Response to Tumor Immunotherapy, Increases Anti-tumor T Cell Activity and Reduces Treatment-Induced Cachexia. <i>Frontiers in Genetics</i> , <b>2018</b> , 9, 526	4.5	22
16	Src family kinase expression and subcellular localization in macrophages: implications for their role in CSF-1-induced macrophage migration. <i>Journal of Leukocyte Biology</i> , <b>2016</b> , 100, 163-75	6.5	16
15	A three-dimensional co-culture system to investigate macrophage-dependent tumor cell invasion. <i>Journal of Biological Methods</i> , <b>2016</b> , 3, e49	1.4	15
14	Rapid chemokinetic movement and the invasive potential of lung cancer cells; a functional molecular study. <i>BMC Cancer</i> , <b>2006</b> , 6, 151	4.8	13
13	UV Irradiation of Skin Enhances Glycolytic Flux and Reduces Migration Capabilities in Bone Marrow-Differentiated Dendritic Cells. <i>American Journal of Pathology</i> , <b>2017</b> , 187, 2046-2059	5.8	9
12	GLEPP1/protein-tyrosine phosphatase phi inhibitors block chemotaxis in vitro and in vivo and improve murine ulcerative colitis. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 11385-95	5.4	9

11	Inhibition of the SRC Kinase HCK Impairs STAT3-Dependent Gastric Tumor Growth in Mice. <i>Cancer Immunology Research</i> , <b>2020</b> , 8, 428-435	12.5	8
10	F-isoprostanes affect macrophage migration and CSF-1 signalling. <i>Free Radical Biology and Medicine</i> , <b>2018</b> , 126, 142-152	7.8	8
9	Reticulon-1 and Reduced Migration toward Chemoattractants by Macrophages Differentiated from the Bone Marrow of Ultraviolet-Irradiated and Ultraviolet-Chimeric Mice. <i>Journal of Immunology</i> , <b>2018</b> , 200, 260-270	5.3	6
8	PGE pulsing of murine bone marrow cells reduces migration of daughter monocytes/macrophages in vitro and in vivo. <i>Experimental Hematology</i> , <b>2017</b> , 56, 64-68	3.1	5
7	Mesothelial cells regulate immune responses in health and disease: role for immunotherapy in malignant mesothelioma. <i>Current Opinion in Immunology</i> , <b>2020</b> , 64, 88-109	7.8	4
6	Importance of beta 2-adrenoceptor stimulation in the suppression of intradermal antigen challenge by adrenaline. <i>British Journal of Clinical Pharmacology</i> , <b>1989</b> , 27, 173-7	3.8	4
5	The importance of bradykinin and histamine in the skin response to antigen. <i>British Journal of Clinical Pharmacology</i> , <b>1988</b> , 26, 803-5	3.8	4
4	Cytokines and Cytokine Receptors Regulating Cell Survival, Proliferation, and Differentiation in Hematopoiesis <b>2010</b> , 2733-2742		3
3	Adhesion, motility and matrix-degrading gene expression changes in CSF-1-induced mouse macrophage differentiation. <i>Journal of Cell Science</i> , <b>2020</b> , 133,	5.3	3
2	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 <b>1993</b> , 45-62		1
1	A syndrome of holoprosencephaly, recurrent infections, and monocytosis. <i>American Journal of Medical Genetics, Part A</i> , <b>2006</b> , 140, 2742-8	2.5	