

Jeffrey W Pollard

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

131
papers

38,369
citations

69
h-index

151
g-index

151
ext. papers

44,441
ext. citations

14.5
avg, IF

8.09
L-index

#	Paper	IF	Citations
131	Macrophage targeting in cancer. <i>Annals of the New York Academy of Sciences</i> , 2021 , 1499, 18-41	6.5	39
130	Induction of interferon signaling and allograft inflammatory factor 1 in macrophages in a mouse model of breast cancer metastases. <i>Wellcome Open Research</i> , 2021 , 6, 52	4.8	2
129	Glioblastomas acquire myeloid-affiliated transcriptional programs via epigenetic immunoediting to elicit immune evasion. <i>Cell</i> , 2021 , 184, 2454-2470.e26	56.2	35
128	Redefining macrophage and neutrophil biology in the metastatic cascade. <i>Immunity</i> , 2021 , 54, 885-902	32.3	18
127	Induction of interferon signaling and allograft inflammatory factor 1 in macrophages in a mouse model of breast cancer metastases. <i>Wellcome Open Research</i> , 2021 , 6, 52	4.8	2
126	Monocyte Regulation in Homeostasis and Malignancy. <i>Trends in Immunology</i> , 2021 , 42, 104-119	14.4	14
125	The selective progesterone receptor modulator, telapristone acetate, is a mixed antagonist/agonist in the human and mouse endometrium and inhibits pregnancy in mice.. <i>F&S Science</i> , 2021 , 2, 59-70	0.4	
124	Macrophages inhibit and enhance endometriosis depending on their origin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	16
123	Production and Characterization of Human Macrophages from Pluripotent Stem Cells. <i>Journal of Visualized Experiments</i> , 2020 ,	1.6	4
122	FACS isolation and analysis of human circulating and tumor neutrophils. <i>Methods in Enzymology</i> , 2020 , 632, 229-257	1.7	4
121	Generation of mouse bone marrow-derived macrophages using tumor coculture assays to mimic the tumor microenvironment. <i>Methods in Enzymology</i> , 2020 , 632, 91-111	1.7	1
120	Tumor-associated macrophages. <i>Current Biology</i> , 2020 , 30, R246-R248	6.3	41
119	Myeloid Cells in Metastasis. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2020 , 10,	5.4	16
118	Methods for macrophage differentiation and in vitro generation of human tumor associated-like macrophages. <i>Methods in Enzymology</i> , 2020 , 632, 113-131	1.7	7
117	Monocyte-derived macrophages promote breast cancer bone metastasis outgrowth. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	31
116	Differential expansion of circulating human MDSC subsets in patients with cancer, infection and inflammation 2020 , 8,		46
115	A Fluorescent Activatable AND-Gate Chemokine CCL2 Enables In Vivo Detection of Metastasis-Associated Macrophages. <i>Angewandte Chemie</i> , 2019 , 131, 17050-17054	3.6	4

114	A Fluorescent Activatable AND-Gate Chemokine CCL2 Enables In Vivo Detection of Metastasis-Associated Macrophages. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 16894-16898	16.4	18
113	Deciphering myeloid-derived suppressor cells: isolation and markers in humans, mice and non-human primates. <i>Cancer Immunology, Immunotherapy</i> , 2019 , 68, 687-697	7.4	103
112	Central nervous system regeneration is driven by microglia necroptosis and repopulation. <i>Nature Neuroscience</i> , 2019 , 22, 1046-1052	25.5	108
111	Human Tumor-Associated Macrophage and Monocyte Transcriptional Landscapes Reveal Cancer-Specific Reprogramming, Biomarkers, and Therapeutic Targets. <i>Cancer Cell</i> , 2019 , 35, 588-602.e10	24.3	329
110	AhR controls redox homeostasis and shapes the tumor microenvironment in BRCA1-associated breast cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 3604-3613	11.5	45
109	Genetic programming of macrophages generates an in vitro model for the human erythroid island niche. <i>Nature Communications</i> , 2019 , 10, 881	17.4	30
108	Lung Mammary Metastases but Not Primary Tumors Induce Accumulation of Atypical Large Platelets and Their Chemokine Expression. <i>Cell Reports</i> , 2019 , 29, 1747-1755.e4	10.6	7
107	Mammary Tumor Cells with High Metastatic Potential Are Hypersensitive to Macrophage-Derived HGF. <i>Cancer Immunology Research</i> , 2019 , 7, 2052-2064	12.5	6
106	Dampening the fire to prevent surgery- and chemotherapy-induced metastasis. <i>Journal of Clinical Investigation</i> , 2019 , 129, 2663-2665	15.9	1
105	Real Time Detection of In Vitro Tumor Cell Apoptosis Induced by CD8+ T Cells to Study Immune Suppressive Functions of Tumor-infiltrating Myeloid Cells. <i>Journal of Visualized Experiments</i> , 2019 ,	1.6	3
104	Chemotherapy elicits pro-metastatic extracellular vesicles in breast cancer models. <i>Nature Cell Biology</i> , 2019 , 21, 190-202	23.4	239
103	A Unidirectional Transition from Migratory to Perivascular Macrophage Is Required for Tumor Cell Intravasation. <i>Cell Reports</i> , 2018 , 23, 1239-1248	10.6	108
102	CSF1R regulates the dendritic cell pool size in adult mice via embryo-derived tissue-resident macrophages. <i>Nature Communications</i> , 2018 , 9, 5279	17.4	10
101	Targeting macrophages: therapeutic approaches in cancer. <i>Nature Reviews Drug Discovery</i> , 2018 , 17, 887-904	64.1	626
100	Diverse Functions of Macrophages in Different Tumor Microenvironments. <i>Cancer Research</i> , 2018 , 78, 5492-5503	10.1	201
99	Consensus guidelines for the use and interpretation of angiogenesis assays. <i>Angiogenesis</i> , 2018 , 21, 425-533	53.3	285
98	A human iPSC line capable of differentiating into functional macrophages expressing ZsGreen: a tool for the study and tracking of therapeutic cells. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018 , 373,	5.8	19
97	Optical Windows for Imaging the Metastatic Tumour Microenvironment in vivo. <i>Trends in Biotechnology</i> , 2017 , 35, 5-8	15.1	19

96	CCL2-driven inflammation increases mammary gland stromal density and cancer susceptibility in a transgenic mouse model. <i>Breast Cancer Research</i> , 2017 , 19, 4	8.3	43
95	Repolarizing macrophages improves breast cancer therapy. <i>Cell Research</i> , 2017 , 27, 963-964	24.7	26
94	What DKKtates where to metastasize. <i>Nature Cell Biology</i> , 2017 , 19, 1146-1148	23.4	1
93	Monocytes Differentiate to Immune Suppressive Precursors of Metastasis-Associated Macrophages in Mouse Models of Metastatic Breast Cancer. <i>Frontiers in Immunology</i> , 2017 , 8, 2004	8.4	81
92	The Yolk Sac Feeds Pancreatic Tumors. <i>Immunity</i> , 2017 , 47, 217-218	32.3	5
91	Xenografted tissue models for the study of human endometrial biology. <i>Differentiation</i> , 2017 , 98, 62-69	3.5	4
90	Defining Metastatic Cell Latency. <i>New England Journal of Medicine</i> , 2016 , 375, 280-2	59.2	12
89	Macrophage-derived extracellular vesicle-packaged WNTs rescue intestinal stem cells and enhance survival after radiation injury. <i>Nature Communications</i> , 2016 , 7, 13096	17.4	136
88	Inhibiting macrophage PI3K to enhance immunotherapy. <i>Cell Research</i> , 2016 , 26, 1267-1268	24.7	14
87	Long-term High-Resolution Intravital Microscopy in the Lung with a Vacuum Stabilized Imaging Window. <i>Journal of Visualized Experiments</i> , 2016 ,	1.6	15
86	Isolation of Mouse and Human Tumor-Associated Macrophages. <i>Advances in Experimental Medicine and Biology</i> , 2016 , 899, 211-29	3.6	31
85	Cancer immunosurveillance: role of patrolling monocytes. <i>Cell Research</i> , 2016 , 26, 3-4	24.7	27
84	The Multifaceted Role of Perivascular Macrophages in Tumors. <i>Cancer Cell</i> , 2016 , 30, 18-25	24.3	128
83	Immune cell promotion of metastasis. <i>Nature Reviews Immunology</i> , 2015 , 15, 73-86	36.5	710
82	Perivascular M2 Macrophages Stimulate Tumor Relapse after Chemotherapy. <i>Cancer Research</i> , 2015 , 75, 3479-91	10.1	270
81	FLT1 signaling in metastasis-associated macrophages activates an inflammatory signature that promotes breast cancer metastasis. <i>Journal of Experimental Medicine</i> , 2015 , 212, 1433-48	16.6	129
80	Bacteria, inflammation and cancer. <i>Nature Reviews Immunology</i> , 2015 , 15, 528	36.5	5
79	Real-Time Imaging Reveals Local, Transient Vascular Permeability, and Tumor Cell Intravasation Stimulated by TIE2hi Macrophage-Derived VEGFA. <i>Cancer Discovery</i> , 2015 , 5, 932-43	24.4	343

78	Therapeutic potential of chemokine signal inhibition for metastatic breast cancer. <i>Pharmacological Research</i> , 2015 , 100, 266-70	10.2	40
77	Activation of protein synthesis in mouse uterine epithelial cells by estradiol-17βs mediated by a PKC-ERK1/2-mTOR signaling pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E1382-91	11.5	35
76	CCL2-induced chemokine cascade promotes breast cancer metastasis by enhancing retention of metastasis-associated macrophages. <i>Journal of Experimental Medicine</i> , 2015 , 212, 1043-59	16.6	407
75	subcellular resolution optical imaging in the lung reveals early metastatic proliferation and motility. <i>Intravital</i> , 2015 , 4,		42
74	CCL2-induced chemokine cascade promotes breast cancer metastasis by enhancing retention of metastasis-associated macrophages. <i>Journal of Cell Biology</i> , 2015 , 209, 2096OIA117	7.3	1
73	Myeloid WNT7b mediates the angiogenic switch and metastasis in breast cancer. <i>Cancer Research</i> , 2014 , 74, 2962-73	10.1	122
72	Tumor-associated macrophages: from mechanisms to therapy. <i>Immunity</i> , 2014 , 41, 49-61	32.3	2228
71	The clinical significance of inflammatory cytokines in primary cell culture in endometrial carcinoma. <i>Molecular Oncology</i> , 2013 , 7, 41-54	7.9	37
70	Macrophage biology in development, homeostasis and disease. <i>Nature</i> , 2013 , 496, 445-55	50.4	2521
69	Contribution of CXCL12 secretion to invasion of breast cancer cells. <i>Breast Cancer Research</i> , 2012 , 14, R23	8.3	79
68	GM-CSF controls nonlymphoid tissue dendritic cell homeostasis but is dispensable for the differentiation of inflammatory dendritic cells. <i>Immunity</i> , 2012 , 36, 1031-46	32.3	316
67	A lineage of myeloid cells independent of Myb and hematopoietic stem cells. <i>Science</i> , 2012 , 336, 86-90	33.3	1696
66	Recruitment of monocytes/macrophages by tissue factor-mediated coagulation is essential for metastatic cell survival and premetastatic niche establishment in mice. <i>Blood</i> , 2012 , 119, 3164-75	2.2	234
65	KLF15 negatively regulates estrogen-induced epithelial cell proliferation by inhibition of DNA replication licensing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, E1334-43	11.5	69
64	CCL2 recruits inflammatory monocytes to facilitate breast-tumour metastasis. <i>Nature</i> , 2011 , 475, 222-5	50.4	1790
63	VEGFR-3 controls tip to stalk conversion at vessel fusion sites by reinforcing Notch signalling. <i>Nature Cell Biology</i> , 2011 , 13, 1202-13	23.4	237
62	Regulation of angiogenesis by a non-canonical Wnt-Flt1 pathway in myeloid cells. <i>Nature</i> , 2011 , 474, 511-5	50.4	204
61	Setup and use of a two-laser multiphoton microscope for multichannel intravital fluorescence imaging. <i>Nature Protocols</i> , 2011 , 6, 1500-20	18.8	91

60	Leukocytes in mammary development and cancer. <i>Cold Spring Harbor Perspectives in Biology</i> , 2011 , 3,	10.2	128
59	Gene expression analysis of macrophages that facilitate tumor invasion supports a role for Wnt-signaling in mediating their activity in primary mammary tumors. <i>Journal of Immunology</i> , 2010 , 184, 702-12	5.3	172
58	Macrophages define dermal lymphatic vessel calibre during development by regulating lymphatic endothelial cell proliferation. <i>Development (Cambridge)</i> , 2010 , 137, 3899-910	6.6	105
57	Fcgamma receptor cross-linking stimulates cell proliferation of macrophages via the ERK pathway. <i>Journal of Biological Chemistry</i> , 2010 , 285, 4232-4242	5.4	31
56	Genomic profiling of microRNAs and messenger RNAs reveals hormonal regulation in microRNA expression in human endometrium. <i>Biology of Reproduction</i> , 2010 , 82, 791-801	3.9	223
55	Macrophage Wnt7b is critical for kidney repair and regeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 4194-9	11.5	307
54	Macrophage diversity enhances tumor progression and metastasis. <i>Cell</i> , 2010 , 141, 39-51	56.2	3150
53	A novel mouse model of inflammatory bowel disease links mammalian target of rapamycin-dependent hyperproliferation of colonic epithelium to inflammation-associated tumorigenesis. <i>American Journal of Pathology</i> , 2010 , 176, 952-67	5.8	167
52	A distinct macrophage population mediates metastatic breast cancer cell extravasation, establishment and growth. <i>PLoS ONE</i> , 2009 , 4, e6562	3.7	475
51	Lithium chloride treatment induces epithelial cell proliferation in xenografted human endometrium. <i>Human Reproduction</i> , 2009 , 24, 1960-7	5.7	24
50	The EGF/CSF-1 paracrine invasion loop can be triggered by heregulin beta1 and CXCL12. <i>Cancer Research</i> , 2009 , 69, 3221-7	10.1	103
49	Microenvironmental regulation of metastasis. <i>Nature Reviews Cancer</i> , 2009 , 9, 239-52	31.3	2668
48	Trophic macrophages in development and disease. <i>Nature Reviews Immunology</i> , 2009 , 9, 259-70	36.5	865
47	High-density gene expression analysis of tumor-associated macrophages from mouse mammary tumors. <i>American Journal of Pathology</i> , 2009 , 174, 1048-64	5.8	173
46	Macrophages: Modulators of Breast Cancer Progression. <i>Novartis Foundation Symposium</i> , 2008 , 158-172		45
45	Uterine DCs are essential for pregnancy. <i>Journal of Clinical Investigation</i> , 2008 , 118, 3832-5	15.9	25
44	Macrophages define the invasive microenvironment in breast cancer. <i>Journal of Leukocyte Biology</i> , 2008 , 84, 623-30	6.5	313
43	Estrogen and progesterone regulation of cell proliferation in the endometrium of muridae and humans. <i>Reproductive Medicine and Assisted Reproductive Techniques Series</i> , 2008 , 99-122		3

42	Vascular endothelial growth factor restores delayed tumor progression in tumors depleted of macrophages. <i>Molecular Oncology</i> , 2007 , 1, 288-302	7.9	125
41	Direct visualization of macrophage-assisted tumor cell intravasation in mammary tumors. <i>Cancer Research</i> , 2007 , 67, 2649-56	10.1	811
40	Tumor-associated macrophages press the angiogenic switch in breast cancer. <i>Cancer Research</i> , 2007 , 67, 5064-6	10.1	349
39	Assessment of the proliferative status of epithelial cell types in the endometrium of young and menopausal transition women. <i>Human Reproduction</i> , 2007 , 22, 1778-88	5.7	23
38	Estradiol-17beta regulates mouse uterine epithelial cell proliferation through insulin-like growth factor 1 signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 15847-51	11.5	107
37	Macrophages promote collagen fibrillogenesis around terminal end buds of the developing mammary gland. <i>Developmental Dynamics</i> , 2006 , 235, 3222-9	2.9	217
36	Conditional deletion of the colony stimulating factor-1 receptor (c-fms proto-oncogene) in mice. <i>Genesis</i> , 2006 , 44, 328-35	1.9	85
35	Microarray analysis of uterine epithelial gene expression during the implantation window in the mouse. <i>Endocrinology</i> , 2006 , 147, 4904-16	4.8	49
34	Progesterone blocks estrogen-induced DNA synthesis through the inhibition of replication licensing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 14021-6	11.5	52
33	Macrophages regulate the angiogenic switch in a mouse model of breast cancer. <i>Cancer Research</i> , 2006 , 66, 11238-46	10.1	813
32	Macrophages: obligate partners for tumor cell migration, invasion, and metastasis. <i>Cell</i> , 2006 , 124, 263-656.2		2054
31	Distinct role of macrophages in different tumor microenvironments. <i>Cancer Research</i> , 2006 , 66, 605-12	10.1	1678
30	Progesterone inhibits the estrogen-induced phosphoinositide 3-kinase-->AKT-->GSK-3beta-->cyclin D1-->pRB pathway to block uterine epithelial cell proliferation. <i>Molecular Endocrinology</i> , 2005 , 19, 1978-90		90
29	A paracrine loop between tumor cells and macrophages is required for tumor cell migration in mammary tumors. <i>Cancer Research</i> , 2004 , 64, 7022-9	10.1	893
28	Tumour-educated macrophages promote tumour progression and metastasis. <i>Nature Reviews Cancer</i> , 2004 , 4, 71-8	31.3	2580
27	Macrophages: modulators of breast cancer progression. <i>Novartis Foundation Symposium</i> , 2004 , 256, 158-68; discussion 168-72, 259-69		55
26	Progesterone regulation of the mammalian ortholog of methylcitrate dehydratase (immune response gene 1) in the uterine epithelium during implantation through the protein kinase C pathway. <i>Molecular Endocrinology</i> , 2003 , 17, 2340-54		40
25	A macrophage colony-stimulating factor receptor-green fluorescent protein transgene is expressed throughout the mononuclear phagocyte system of the mouse. <i>Blood</i> , 2003 , 101, 1155-63	2.2	506

24	Progression to malignancy in the polyoma middle T oncoprotein mouse breast cancer model provides a reliable model for human diseases. <i>American Journal of Pathology</i> , 2003 , 163, 2113-26	5.8	767
23	The macrophage growth factor CSF-1 in mammary gland development and tumor progression. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2002 , 7, 147-62	2.4	209
22	GFP expression in the mammary gland for imaging of mammary tumor cells in transgenic mice. <i>Cancer Research</i> , 2002 , 62, 7166-9	10.1	85
21	Rescue of the colony-stimulating factor 1 (CSF-1)-nullizygous mouse (Csf1(op)/Csf1(op)) phenotype with a CSF-1 transgene and identification of sites of local CSF-1 synthesis. <i>Blood</i> , 2001 , 98, 74-84	2.2	172
20	Aberrant macrophage and neutrophil population dynamics and impaired Th1 response to <i>Listeria monocytogenes</i> in colony-stimulating factor 1-deficient mice. <i>Infection and Immunity</i> , 2001 , 69, 1795-807	3.7	63
19	Regulation of meiotic recombination and prophase I progression in mammals. <i>BioEssays</i> , 2001 , 23, 996-1009	10.9	93
18	Colony-stimulating factor 1 promotes progression of mammary tumors to malignancy. <i>Journal of Experimental Medicine</i> , 2001 , 193, 727-40	16.6	1287
17	Eotaxin is required for eosinophil homing into the stroma of the pubertal and cycling uterus. <i>Endocrinology</i> , 2001 , 142, 4515-21	4.8	88
16	The trophoblast is a component of the innate immune system during pregnancy. <i>Nature Medicine</i> , 2000 , 6, 589-93	50.5	172
15	Macrophages: important accessory cells for reproductive function. <i>Journal of Leukocyte Biology</i> , 1999 , 66, 765-72	6.5	107
14	Progesterone inhibits estrogen-induced cyclin D1 and cdk4 nuclear translocation, cyclin E- and cyclin A-cdk2 kinase activation, and cell proliferation in uterine epithelial cells in mice. <i>Molecular and Cellular Biology</i> , 1999 , 19, 2251-64	4.8	142
13	Complexity in uterine macrophage responses to cytokines in mice. <i>Biology of Reproduction</i> , 1998 , 58, 1469-75	3.9	55
12	Normal sexual function in male mice lacking a functional type I interleukin-1 (IL-1) receptor. <i>Endocrinology</i> , 1998 , 139, 815-8	4.8	27
11	Absence of colony stimulating factor-1 in osteopetrotic (csfmop/csfmop) mice disrupts estrous cycles and ovulation. <i>Biology of Reproduction</i> , 1997 , 56, 110-8	3.9	121
10	Effect of the colony-stimulating factor-1 null mutation, osteopetrotic (csfm(op)), on the distribution of macrophages in the male mouse reproductive tract. <i>Biology of Reproduction</i> , 1997 , 56, 1290-300	3.9	50
9	Role of colony-stimulating factor-1 in reproduction and development. <i>Molecular Reproduction and Development</i> , 1997 , 46, 54-60; discussion 60-1	2.6	105
8	Role of colony-stimulating factor-1 in reproduction and development 1997 , 46, 54		2
7	Absence of colony-stimulating factor-1 in osteopetrotic (csfmop/csfmop) mice results in male fertility defects. <i>Biology of Reproduction</i> , 1996 , 55, 310-7	3.9	120

6	Colony stimulating factor-1 (CSF-1) in pregnancy. <i>Reproductive Medicine Review</i> , 1992 , 1, 83-97		24
5	Role of colony stimulating factor-1 (CSF-1) and other lympho-hematopoietic growth factors in mouse pre-implantation development. <i>BioEssays</i> , 1991 , 13, 535-40	4.1	109
4	Apparent role of the macrophage growth factor, CSF-1, in placental development. <i>Nature</i> , 1987 , 330, 484-6	50.4	457
3	The in vivo isotopic labeling of proteins for polyacrylamide gel electrophoresis. <i>Methods in Molecular Biology</i> , 1984 , 1, 75-80	1.4	2
2	Eotaxin Is Required for Eosinophil Homing into the Stroma of the Pubertal and Cycling Uterus		20
1	Colony-Stimulating Factor-1 Plays a Major Role in the Development of Reproductive Function in Male Mice		15