

Claire E Lewis

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11053561/publications.pdf>

Version: 2024-02-01

64
papers

15,811
citations

41258

49
h-index

138251

58
g-index

66
all docs

66
docs citations

66
times ranked

20894
citing authors

#	ARTICLE	IF	CITATIONS
1	Distinct Role of Macrophages in Different Tumor Microenvironments. <i>Cancer Research</i> , 2006, 66, 605-612.	0.4	1,922
2	The role of tumour-associated macrophages in tumour progression: implications for new anticancer therapies. <i>Journal of Pathology</i> , 2002, 196, 254-265.	2.1	1,757
3	The role of myeloid cells in the promotion of tumour angiogenesis. <i>Nature Reviews Cancer</i> , 2008, 8, 618-631.	12.8	1,404
4	Macrophage Regulation of Tumor Responses to Anticancer Therapies. <i>Cancer Cell</i> , 2013, 23, 277-286.	7.7	893
5	Mechanisms regulating the recruitment of macrophages into hypoxic areas of tumors and other ischemic tissues. <i>Blood</i> , 2004, 104, 2224-2234.	0.6	772
6	White Matter Lesions in an Unselected Cohort of the Elderly. <i>Stroke</i> , 2006, 37, 1391-1398.	1.0	495
7	Hypoxia Regulates Macrophage Functions in Inflammation. <i>Journal of Immunology</i> , 2005, 175, 6257-6263.	0.4	404
8	Classification of current anticancer immunotherapies. <i>Oncotarget</i> , 2014, 5, 12472-12508.	0.8	395
9	Chemotherapy elicits pro-metastatic extracellular vesicles in breast cancer models. <i>Nature Cell Biology</i> , 2019, 21, 190-202.	4.6	384
10	Perivascular M2 Macrophages Stimulate Tumor Relapse after Chemotherapy. <i>Cancer Research</i> , 2015, 75, 3479-3491.	0.4	375
11	Plasticity of Macrophage Function during Tumor Progression: Regulation by Distinct Molecular Mechanisms. <i>Journal of Immunology</i> , 2008, 180, 2011-2017.	0.4	372
12	Diverse Functions of Macrophages in Different Tumor Microenvironments. <i>Cancer Research</i> , 2018, 78, 5492-5503.	0.4	313
13	Angiopoietin-2 Regulates Gene Expression in TIE2-Expressing Monocytes and Augments Their Inherent Proangiogenic Functions. <i>Cancer Research</i> , 2010, 70, 5270-5280.	0.4	299
14	Expression of Tie-2 by Human Monocytes and Their Responses to Angiopoietin-2. <i>Journal of Immunology</i> , 2007, 178, 7405-7411.	0.4	283
15	Current methods for assaying angiogenesis in vitro and in vivo. <i>International Journal of Experimental Pathology</i> , 2004, 85, 233-248.	0.6	278
16	Hypoxia-inducible factors 1 and 2 are important transcriptional effectors in primary macrophages experiencing hypoxia. <i>Blood</i> , 2009, 114, 844-859.	0.6	271
17	Macrophage infiltration is associated with VEGF and EGFR expression in breast cancer. , 2000, 190, 430-436.		268
18	Neutrophils: key mediators of tumour angiogenesis. <i>International Journal of Experimental Pathology</i> , 2009, 90, 222-231.	0.6	257

#	ARTICLE	IF	CITATIONS
19	Hypoxia-Induced Gene Expression in Human Macrophages. <i>American Journal of Pathology</i> , 2003, 163, 1233-1243.	1.9	255
20	Tie2-expressing monocytes: regulation of tumor angiogenesis and therapeutic implications. <i>Trends in Immunology</i> , 2007, 28, 519-524.	2.9	255
21	Tie2-Expressing Monocytes and Tumor Angiogenesis: Regulation by Hypoxia and Angiopoietin-2. <i>Cancer Research</i> , 2007, 67, 8429-8432.	0.4	240
22	Tumor-associated macrophages: Effectors of angiogenesis and tumor progression. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2009, 1796, 11-18.	3.3	212
23	Regulation of macrophage function in tumors: the multifaceted role of NF- κ B. <i>Blood</i> , 2009, 113, 3139-3146.	0.6	208
24	TIE2-expressing macrophages limit the therapeutic efficacy of the vascular-disrupting agent combretastatin A4 phosphate in mice. <i>Journal of Clinical Investigation</i> , 2011, 121, 1969-1973.	3.9	204
25	Expression of hypoxia-inducible factor 1 β by macrophages in the rheumatoid synovium: Implications for targeting of therapeutic genes to the inflamed joint. <i>Arthritis and Rheumatism</i> , 2001, 44, 1540-1544.	6.7	197
26	The Multifaceted Role of Perivascular Macrophages in Tumors. <i>Cancer Cell</i> , 2016, 30, 18-25.	7.7	194
27	Angiopoietin 2 Stimulates TIE2-Expressing Monocytes To Suppress T Cell Activation and To Promote Regulatory T Cell Expansion. <i>Journal of Immunology</i> , 2011, 186, 4183-4190.	0.4	185
28	Plasticity in Tumor-Promoting Inflammation: Impairment of Macrophage Recruitment Evokes a Compensatory Neutrophil Response. <i>Neoplasia</i> , 2008, 10, 329-IN2.	2.3	183
29	Macrophage migration and gene expression in response to tumor hypoxia. <i>International Journal of Cancer</i> , 2005, 117, 701-708.	2.3	176
30	Expression of HIF-1 β by human macrophages: implications for the use of macrophages in hypoxia-regulated cancer gene therapy. <i>Journal of Pathology</i> , 2002, 196, 204-212.	2.1	168
31	Anoxic induction of ATF-4 through HIF-1 α -independent pathways of protein stabilization in human cancer cells. <i>Blood</i> , 2004, 103, 1876-1882.	0.6	162
32	Perivascular macrophages in health and disease. <i>Nature Reviews Immunology</i> , 2018, 18, 689-702.	10.6	146
33	Elusive Identities and Overlapping Phenotypes of Proangiogenic Myeloid Cells in Tumors. <i>American Journal of Pathology</i> , 2010, 176, 1564-1576.	1.9	137
34	A Multiphase Model Describing Vascular Tumour Growth. <i>Bulletin of Mathematical Biology</i> , 2003, 65, 609-640.	0.9	135
35	Mathematical modelling of the use of macrophages as vehicles for drug delivery to hypoxic tumour sites. <i>Journal of Theoretical Biology</i> , 2004, 226, 377-391.	0.8	132
36	NF- κ B as a central regulator of macrophage function in tumors. <i>Journal of Leukocyte Biology</i> , 2010, 88, 877-884.	1.5	123

#	ARTICLE	IF	CITATIONS
37	Macrophages limit chemotherapy. <i>Nature</i> , 2011, 472, 303-304.	13.7	112
38	Use of Macrophages to Target Therapeutic Adenovirus to Human Prostate Tumors. <i>Cancer Research</i> , 2011, 71, 1805-1815.	0.4	111
39	The role of fibrinogen and related fragments in tumour angiogenesis and metastasis. <i>Expert Opinion on Biological Therapy</i> , 2003, 3, 1105-1120.	1.4	103
40	Expression of Vascular Endothelial Growth Factor and Its Receptors in the Central Nervous System in Amyotrophic Lateral Sclerosis. <i>Journal of Neuropathology and Experimental Neurology</i> , 2006, 65, 26-36.	0.9	87
41	Mathematical Modeling Predicts Synergistic Antitumor Effects of Combining a Macrophage-Based, Hypoxia-Targeted Gene Therapy with Chemotherapy. <i>Cancer Research</i> , 2011, 71, 2826-2837.	0.4	84
42	Inhibition of neutrophil infiltration into A549 lung tumors <i>in vitro</i> and <i>in vivo</i> using a CXCR2-specific antagonist is associated with reduced tumor growth. <i>International Journal of Cancer</i> , 2011, 129, 847-858.	2.3	81
43	Microarray RNA Expression Analysis of Cerebral White Matter Lesions Reveals Changes in Multiple Functional Pathways. <i>Stroke</i> , 2009, 40, 369-375.	1.0	80
44	Hemostatic Regulators of Tumor Angiogenesis: A Source of Antiangiogenic Agents for Cancer Treatment?. <i>Journal of the National Cancer Institute</i> , 2003, 95, 1660-1673.	3.0	79
45	Macrophage Delivery of an Oncolytic Virus Abolishes Tumor Regrowth and Metastasis after Chemotherapy or Irradiation. <i>Cancer Research</i> , 2013, 73, 490-495.	0.4	76
46	Use of bacteria in anti-cancer therapies. <i>BioEssays</i> , 2006, 28, 84-94.	1.2	72
47	Validation of anti-vascular endothelial growth factor (anti-VEGF) antibodies for immunohistochemical localization of VEGF in tissue sections: expression of VEGF in the human endometrium. , 1998, 185, 402-408.		66
48	Effects of hypoxia on transcription factor expression in human monocytes and macrophages. <i>Immunobiology</i> , 2008, 213, 899-908.	0.8	66
49	Alphastatin, a 24-amino acid fragment of human fibrinogen, is a potent new inhibitor of activated endothelial cells <i>in vitro</i> and <i>in vivo</i> . <i>Blood</i> , 2004, 103, 601-606.	0.6	60
50	Inflammation and breast cancer. Microenvironmental factors regulating macrophage function in breast tumours: hypoxia and angiopoietin-2. <i>Breast Cancer Research</i> , 2007, 9, 209.	2.2	56
51	Macrophage-Based Anti-Cancer Therapy: Modelling Different Modes of Tumour Targeting. <i>Bulletin of Mathematical Biology</i> , 2007, 69, 1747-1776.	0.9	35
52	Non-canonical HIF-1 stabilization contributes to intestinal tumorigenesis. <i>Oncogene</i> , 2019, 38, 5670-5685.	2.6	26
53	Angiogenesis inhibitors found within the haemostasis pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2005, 9, 286-302.	1.6	25
54	Multiple Effects of Angiopoietin-2 Blockade on Tumors. <i>Cancer Cell</i> , 2011, 19, 431-433.	7.7	21

#	ARTICLE	IF	CITATIONS
55	Macrophages Mediate the Antitumor Effects of the Oncolytic Virus HSV1716 in Mammary Tumors. <i>Molecular Cancer Therapeutics</i> , 2021, 20, 589-601.	1.9	16
56	Screening of the regulatory and coding regions of vascular endothelial growth factor in amyotrophic lateral sclerosis. <i>Neurogenetics</i> , 2005, 6, 101-104.	0.7	15
57	Targeting circulating monocytes with CCL2-loaded liposomes armed with an oncolytic adenovirus. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2022, 40, 102506.	1.7	11
58	Macrophage infiltration is associated with VEGF and EGFR expression in breast cancer. , 2000, 190, 430.		3
59	Macrophage Regulation of the Development of Castration-Resistant Prostate Cancer. <i>Cancer Research</i> , 2021, 81, 5399-5400.	0.4	3
60	Role of Tumour-Associated Macrophages in the Regulation of Angiogenesis. , 2011, , 17-29.		2
61	Macrophage infiltration is associated with VEGF and EGFR expression in breast cancer. , 2000, 190, 430.		1
62	Alphastatin: a Pluripotent Inhibitor of Activated Endothelial Cells. , 2006, , 205-220.		0
63	Abstract 2720: Perivascular accumulation of immunosuppressive cells in the stroma of human triple negative breast carcinomas: implications for immunotherapy. , 2021, , .		0
64	Abstract 2797: Changes in the phenotype of macrophages and CD8+ T Cells in the perivascular niche of prostate tumours following androgen deprivation. , 2021, , .		0