Seth B Coffelt

List of Publications by Year
in descending order

60	8,631	117453 34	174990 52
papers	citations	h-index	g-index

71	71	71	14864
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The role of myeloid cells in the promotion of tumour angiogenesis. Nature Reviews Cancer, 2008, 8, 618-631.	12.8	1,404
2	IL-17-producing Î³Î´ T cells and neutrophils conspire to promote breast cancer metastasis. Nature, 2015, 522, 345-348.	13.7	1,303
3	Neutrophils in cancer: neutral no more. Nature Reviews Cancer, 2016, 16, 431-446.	12.8	1,296
4	Toll-Like Receptors on Human Mesenchymal Stem Cells Drive Their Migration and Immunomodulating Responses. Stem Cells, 2008, 26, 99-107.	1.4	416
5	Loss of p53 triggers WNT-dependent systemic inflammation to drive breast cancer metastasis. Nature, 2019, 572, 538-542.	13.7	312
6	Angiopoietin-2 Regulates Gene Expression in TIE2-Expressing Monocytes and Augments Their Inherent Proangiogenic Functions. Cancer Research, 2010, 70, 5270-5280.	0.4	299
7	Hypoxia-inducible factors 1 and 2 are important transcriptional effectors in primary macrophages experiencing hypoxia. Blood, 2009, 114, 844-859.	0.6	271
8	The pro-inflammatory peptide LL-37 promotes ovarian tumor progression through recruitment of multipotent mesenchymal stromal cells. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 3806-3811.	3.3	261
9	Î³Î´ T cells: pleiotropic immune effectors with therapeutic potential in cancer. Nature Reviews Cancer, 2019, 19, 392-404.	12.8	255
10	The autophagic paradox in cancer therapy. Oncogene, 2012, 31, 939-953.	2.6	220
11	Tumor-associated macrophages: Effectors of angiogenesis and tumor progression. Biochimica Et Biophysica Acta: Reviews on Cancer, 2009, 1796, 11-18.	3.3	212
12	TIE2-expressing macrophages limit the therapeutic efficacy of the vascular-disrupting agent combretastatin A4 phosphate in mice. Journal of Clinical Investigation, 2011, 121, 1969-1973.	3.9	204
13	Angiopoietin 2 Stimulates TIE2-Expressing Monocytes To Suppress T Cell Activation and To Promote Regulatory T Cell Expansion. Journal of Immunology, 2011, 186, 4183-4190.	0.4	185
14	Elusive Identities and Overlapping Phenotypes of Proangiogenic Myeloid Cells in Tumors. American Journal of Pathology, 2010, 176, 1564-1576.	1.9	137
15	Immune-mediated mechanisms influencing the efficacy of anticancer therapies. Trends in Immunology, 2015, 36, 198-216.	2.9	121
16	Therapeutic targeting of macrophages enhances chemotherapy efficacy by unleashing type I interferon response. Nature Cell Biology, 2019, 21, 511-521.	4.6	121
17	Use of Macrophages to Target Therapeutic Adenovirus to Human Prostate Tumors. Cancer Research, 2011, 71, 1805-1815.	0.4	111
18	Inflammation lights the way to metastasis. Nature, 2014, 507, 48-49.	13.7	110

#	Article	IF	Citations
19	Emerging roles of the host defense peptide LLâ€37 in human cancer and its potential therapeutic applications. International Journal of Cancer, 2010, 127, 1741-1747.	2.3	109
20	Repression of the Type I Interferon Pathway Underlies MYC- and KRAS-Dependent Evasion of NK and B Cells in Pancreatic Ductal Adenocarcinoma. Cancer Discovery, 2020, 10, 872-887.	7.7	102
21	Ovarian cancers overexpress the antimicrobial protein hCAPâ€18 and its derivative LLâ€37 increases ovarian cancer cell proliferation and invasion. International Journal of Cancer, 2008, 122, 1030-1039.	2.3	96
22	Tumors Sound the Alarmin(s). Cancer Research, 2008, 68, 6482-6485.	0.4	83
23	The ERBB network facilitates KRAS-driven lung tumorigenesis. Science Translational Medicine, 2018, 10, .	5.8	82
24	Mammary tumor-derived CCL2 enhances pro-metastatic systemic inflammation through upregulation of IL1Î² in tumor-associated macrophages. OncoImmunology, 2017, 6, e1334744.	2.1	81
25	Leucine Leucine-37 Uses Formyl Peptide Receptorâ€“Like 1 to Activate Signal Transduction Pathways, Stimulate Oncogenic Gene Expression, and Enhance the Invasiveness of Ovarian Cancer Cells. Molecular Cancer Research, 2009, 7, 907-915.	1.5	76
26	Macrophages promote the progression of premalignant mammary lesions to invasive cancer. Oncotarget, 2017, 8, 50731-50746.	0.8	75
27	Neutrophil Maturity in Cancer. Frontiers in Immunology, 2019, 10, 1912.	2.2	71
28	Erythropoietin, a hypoxia-regulated factor, elicits a pro-angiogenic program in human mesenchymal stem cells. Experimental Hematology, 2007, 35, 640-652.	0.2	70
29	CRISPR/Cas9-derived models of ovarian high grade serous carcinoma targeting Brca1, Pten and Nf1, and correlation with platinum sensitivity. Scientific Reports, 2017, 7, 16827.	1.6	68
30	Period-2: a tumor suppressor gene in breast cancer. Journal of Circadian Rhythms, 2014, 6, 4.	2.9	54
31	Neutrophil dynamics in the tumor microenvironment. Journal of Clinical Investigation, 2021, 131, .	3.9	52
32	Monocyte Subpopulations from Pre-Eclamptic Patients Are Abnormally Skewed and Exhibit Exaggerated Responses to Toll-Like Receptor Ligands. PLoS ONE, 2012, 7, e42217.	1.1	38
33	Fibrinogen, an endogenous ligand of Toll-like receptor 4, activates monocytes in pre-eclamptic patients. Journal of Reproductive Immunology, 2014, 103, 23-28.	0.8	37
34	Morphine does not facilitate breast cancer progression in two preclinical mouse models for human invasive lobular and HER2+ breast cancer. Pain, 2015, 156, 1424-1432.	2.0	37
35	PyMT-Maclow: A novel, inducible, murine model for determining the role of CD68 positive cells in breast tumor development. PLoS ONE, 2017, 12, e0188591.	1.1	33
36	Emerging immunotherapies for metastasis. British Journal of Cancer, 2021, 124, 37-48.	2.9	32

#	Article	IF	Citations
37	Gut Î³Î´ T cells as guardians, disruptors, and instigators of cancer. Immunological Reviews, 2020, 298, 198-217.	2.8	28
38	Tumour Dormancy and Reawakening: Opportunities and Challenges. Trends in Cancer, 2019, 5, 762-765.	3.8	23
39	Microfluidic technologies for immunotherapy studies on solid tumours. Lab on A Chip, 2021, 21, 2306-2329.	3.1	19
40	Macrophages and Neutrophils: Regulation of the Inflammatory Microenvironment in Autoimmunity and Cancer. Mediators of Inflammation, 2016, 2016, 1-3.	1.4	18
41	Toll-Like Receptor 3 and Suppressor of Cytokine Signaling Proteins Regulate CXCR4 and CXCR7 Expression in Bone Marrow-Derived Human Multipotent Stromal Cells. PLoS ONE, 2012, 7, e39592.	1.1	17
42	The MSPâ€RON axis stimulates cancer cell growth in models of triple negative breast cancer. Molecular Oncology, 2020, 14, 1868-1880.	2.1	15
43	Incidence of lymph node metastases in clinical earlyâ€stage mucinous and seromucinous ovarian carcinoma: a retrospective cohort study. BJOG: an International Journal of Obstetrics and Gynaecology, 2017, 124, 486-494.	1.1	13
44	Revving Up Dendritic Cells while Braking PD-L1 to Jump-Start the Cancer-Immunity Cycle Motor. Immunity, 2016, 44, 722-724.	6.6	10
45	Integrin-linked kinase: A hypoxia-induced anti-apoptotic factor exploited by cancer cells. International Journal of Oncology, 2007, 30, 113.	1.4	8
46	Systemic inflammation: Cancer's long-distance reach to maximize metastasis. OncoImmunology, 2016, 5, e1075694.	2.1	8
47	Assessment of CAR-T Cell-Mediated Cytotoxicity in 3D Microfluidic Cancer Co-Culture Models for Combination Therapy. IEEE Open Journal of Engineering in Medicine and Biology, 2022, 3, 86-95.	1.7	8
48	Generation of a novel mouse model for the inducible depletion of macrophages in vivo. Genesis, 2013, 51, 41-49.	0.8	6
49	Monocytes mediate Salmonella Typhimuriumâ€induced tumor growth inhibition in a mouse melanoma model. European Journal of Immunology, 2021, 51, 3228-3238.	1.6	6
50	The duplexity of unconventional T cells in cancer. International Journal of Biochemistry and Cell Biology, 2022, 146, 106213.	1.2	6
51	Impact of Formate Supplementation on Body Weight and Plasma Amino Acids. Nutrients, 2020, 12, 2181.	1.7	3
52	OS006. Functional expression of endogenous ligands of Toll like receptor4 on monocytes and placentae from women during normal pregnancy andpre-eclampsia. Pregnancy Hypertension, 2012, 2, 178.	0.6	2
53	Editorial: Î³Î´ T Cells in Cancer. Frontiers in Immunology, 2020, 11, 602411.	2.2	2
54	Abstract 2849: Tie2-expressing macrophages (TEM) depletion may enhance the clinical efficacy of combretastatin A-4-phosphate (CA-4-P). , 2011, , .		0

#	Article	IF	Citations
55	Abstract A96: The impact of the inflammatory microenvironment on breast cancer metastasis and chemotherapy responsiveness. , 2013, , .		0
56	Abstract A083: Neutrophils promote metastasis of invasive lobular carcinoma. , 2013, , .		0
57	Abstract IA07: Cancer-associated inflammation facilitates metastatic breast cancer and counteracts chemoresponsiveness. , 2015, , .		0
58	Abstract POSTER-BIOL-1308: Macrophage infiltration in high-grade serous carcinomas of humans and mice. , 2015, , .		0
59	Abstract IA04: Cancer-associated systemic inflammation facilitates breast cancer metastasis. , 2016, , .		0
60	Abstract A20: Mammary tumor-derived CCL2 enhances pro-metastatic systemic inflammation through upregulation of macrophage-derived IL1beta. , 2016, , .		0