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List of Publications by Year in descending order

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51 papers	22,054 citations	81900 39 h-index	182427 51 g-index
53 all docs	53 docs citations	53 times ranked	32482 citing authors

#	Article	IF	Citations
1	Multimodal imaging of the dynamic brain tumor microenvironment during glioblastoma progression and in response to treatment. IScience, 2022, 25, 104570.	4.1	12
2	Therapeutic Targeting of the Tumor Microenvironment. Cancer Discovery, 2021, 11, 933-959.	9.4	646
3	An integrated pipeline for comprehensive analysis of immune cells in human brain tumor clinical samples. Nature Protocols, 2021, 16, 4692-4721.	12.0	7
4	Compensatory CSF2-driven macrophage activation promotes adaptive resistance to CSF1R inhibition in breast-to-brain metastasis. Nature Cancer, 2021, 2, 1086-1101.	13.2	39
5	Dynamic changes in glioma macrophage populations after radiotherapy reveal CSF-1R inhibition as a strategy to overcome resistance. Science Translational Medicine, 2020, 12, .	12.4	170
6	Central memory CD8+ TÂcells derive from stem-like Tcf7hi effector cells in the absence of cytotoxic differentiation. Immunity, 2020, 53, 985-1000.e11.	14.3	107
7	Interrogation of the Microenvironmental Landscape in Brain Tumors Reveals Disease-Specific Alterations of Immune Cells. Cell, 2020, 181, 1643-1660.e17.	28.9	554
8	Brain Metastasis Cell Lines Panel: A Public Resource of Organotropic Cell Lines. Cancer Research, 2020, 80, 4314-4323.	0.9	51
9	Spatially and temporally defined lysosomal leakage facilitates mitotic chromosome segregation. Nature Communications, 2020, 11, 229.	12.8	51
10	Microglia promote glioblastoma via mTORâ€mediated immunosuppression of the tumour microenvironment. EMBO Journal, 2020, 39, e103790.	7.8	77
11	Imaging endogenous macrophage iron deposits reveals a metabolic biomarker of polarized tumor macrophage infiltration and response to CSF1R breast cancer immunotherapy. Scientific Reports, 2019, 9, 857.	3.3	23
12	Re-education of macrophages as a therapeutic strategy in cancer. Immunotherapy, 2019, 11, 677-689.	2.0	124
13	Challenges to curing primary brain tumours. Nature Reviews Clinical Oncology, 2019, 16, 509-520.	27.6	540
14	Evaluating Magnetic Resonance Spectroscopy as a Tool for Monitoring Therapeutic Response of Whole Brain Radiotherapy in a Mouse Model for Breast-to-Brain Metastasis. Frontiers in Oncology, 2019, 9, 1324.	2.8	13
15	A Long-Distance Relay-tionship between Tumor and Bone. Immunity, 2018, 48, 13-16.	14.3	2
16	Metabolic origins of spatial organization in the tumor microenvironment. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 2934-2939.	7.1	259
17	Tumor-Associated Macrophages Suppress the Cytotoxic Activity of Antimitotic Agents. Cell Reports, 2017, 19, 101-113.	6.4	89
18	The Microenvironmental Landscape of Brain Tumors. Cancer Cell, 2017, 31, 326-341.	16.8	1,163

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19	Inflammatory Monocytes Promote Perineural Invasion via CCL2-Mediated Recruitment and Cathepsin B Expression. Cancer Research, 2017, 77, 6400-6414.	0.9	73
20	Obesity alters the lung myeloid cell landscape to enhance breast cancer metastasis through IL5 andÂGM-CSF. Nature Cell Biology, 2017, 19, 974-987.	10.3	205
21	Obesity and the tumor microenvironment. Science, 2017, 358, 1130-1131.	12.6	60
22	Iron imaging reveals tumor and metastasis macrophage hemosiderin deposits in breast cancer. PLoS ONE, 2017, 12, e0184765.	2.5	34
23	The tumor microenvironment underlies acquired resistance to CSF-1R inhibition in gliomas. Science, 2016, 352, aad3018.	12.6	477
24	TAILS N-Terminomics and Proteomics Show Protein Degradation Dominates over Proteolytic Processing by Cathepsins in Pancreatic Tumors. Cell Reports, 2016, 16, 1762-1773.	6.4	66
25	Macrophage Ontogeny Underlies Differences in Tumor-Specific Education in Brain Malignancies. Cell Reports, 2016, 17, 2445-2459.	6.4	450
26	STAT3 and STAT6 Signaling Pathways Synergize to Promote Cathepsin Secretion from Macrophages via IRE1Î± Activation. Cell Reports, 2016, 16, 2914-2927.	6.4	125
27	Legumain is activated in macrophages during pancreatitis. American Journal of Physiology - Renal Physiology, 2016, 311, G548-G560.	3.4	35
28	Combined deletion of cathepsin protease family members reveals compensatory mechanisms in cancer. Genes and Development, 2016, 30, 220-232.	5.9	50
29	High-dose methotrexate-based chemotherapy as treatment for histiocytic sarcoma of the central nervous system. Leukemia and Lymphoma, 2016, 57, 1961-1964.	1.3	7
30	T cell exclusion, immune privilege, and the tumor microenvironment. Science, 2015, 348, 74-80.	12.6	1,735
31	Sensing Cytosolic RpsL by Macrophages Induces Lysosomal Cell Death and Termination of Bacterial Infection. PLoS Pathogens, 2015, 11, e1004704.	4.7	21
32	Proteomic Identification of Cysteine Cathepsin Substrates Shed from the Surface of Cancer Cells. Molecular and Cellular Proteomics, 2015, 14, 2213-2228.	3.8	82
33	Perivascular M2 Macrophages Stimulate Tumor Relapse after Chemotherapy. Cancer Research, 2015, 75, 3479-3491.	0.9	375
34	Cysteine cathepsin proteases: regulators of cancer progression and therapeutic response. Nature Reviews Cancer, 2015, 15, 712-729.	28.4	481
35	Microenvironmental regulation of therapeutic response in cancer. Trends in Cell Biology, 2015, 25, 198-213.	7.9	604
36	Deficiency for the Cysteine Protease Cathepsin L Impairs Myc-Induced Tumorigenesis in a Mouse Model of Pancreatic Neuroendocrine Cancer. PLoS ONE, 2015, 10, e0120348.	2.5	13

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37	Therapeutic targeting of tumor-associated macrophages and microglia in glioblastoma. Immunotherapy, 2014, 6, 663-666.	2.0	37
38	Modified Vaccinia Virus Ankara Triggers Type I IFN Production in Murine Conventional Dendritic Cells via a cGAS/STING-Mediated Cytosolic DNA-Sensing Pathway. PLoS Pathogens, 2014, 10, e1003989.	4.7	148
39	Pericellular proteolysis in cancer. Genes and Development, 2014, 28, 2331-2347.	5.9	154
40	Distinct functions of macrophage-derived and cancer cell-derived cathepsin Z combine to promote tumor malignancy via interactions with the extracellular matrix. Genes and Development, 2014, 28, 2134-2150.	5.9	92
41	Analysis of tumour- and stroma-supplied proteolytic networks reveals a brain-metastasis-promoting role forÂcathepsin S. Nature Cell Biology, 2014, 16, 876-888.	10.3	300
42	RAB7 Controls Melanoma Progression by Exploiting a Lineage-Specific Wiring of the Endolysosomal Pathway. Cancer Cell, 2014, 26, 61-76.	16.8	86
43	Microenvironmental regulation of tumor progression and metastasis. Nature Medicine, 2013, 19, 1423-1437.	30.7	5,730
44	CSF-1R inhibition alters macrophage polarization and blocks glioma progression. Nature Medicine, 2013, 19, 1264-1272.	30.7	1,812
45	Cathepsin-mediated Necrosis Controls the Adaptive Immune Response by Th2 (T helper type 2)-associated Adjuvants. Journal of Biological Chemistry, 2013, 288, 7481-7491.	3.4	66
46	Genetic and Pharmacological Targeting of CSF-1/CSF-1R Inhibits Tumor-Associated Macrophages and Impairs BRAF-Induced Thyroid Cancer Progression. PLoS ONE, 2013, 8, e54302.	2.5	119
47	Macrophages and cathepsin proteases blunt chemotherapeutic response in breast cancer. Genes and Development, 2011, 25, 2465-2479.	5.9	454
48	Microenvironmental regulation of metastasis. Nature Reviews Cancer, 2009, 9, 239-252.	28.4	3,157
49	Live Imaging of Cysteine-Cathepsin Activity Reveals Dynamics of Focal Inflammation, Angiogenesis, and Polyp Growth. PLoS ONE, 2008, 3, e2916.	2.5	94
50	Distinct roles for cysteine cathepsin genes in multistage tumorigenesis. Genes and Development, 2006, 20, 543-556.	5.9	475
51	Therapeutic targeting of the tumor microenvironment. Cancer Cell, 2005, 7, 513-520.	16.8	508