

Xiang H -F Zhang

List of Publications by Citations

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Version: 2024-04-25

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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.

70
papers

8,665
citations

31
h-index

79
g-index

79
ext. papers

10,539
ext. citations

20.6
avg, IF

5.83
L-index

#	Paper	IF	Citations
70	Genes that mediate breast cancer metastasis to the brain. <i>Nature</i> , 2009 , 459, 1005-9	50.4	1288
69	Tumor self-seeding by circulating cancer cells. <i>Cell</i> , 2009 , 139, 1315-26	56.2	972
68	TGFbeta primes breast tumors for lung metastasis seeding through angiopoietin-like 4. <i>Cell</i> , 2008 , 133, 66-77	56.2	728
67	Breast cancer cells produce tenascin C as a metastatic niche component to colonize the lungs. <i>Nature Medicine</i> , 2011 , 17, 867-74	50.5	636
66	Latent bone metastasis in breast cancer tied to Src-dependent survival signals. <i>Cancer Cell</i> , 2009 , 16, 67-78	24.3	534
65	Serpins promote cancer cell survival and vascular co-option in brain metastasis. <i>Cell</i> , 2014 , 156, 1002-16	56.2	491
64	Tet2 is required to resolve inflammation by recruiting Hdac2 to specifically repress IL-6. <i>Nature</i> , 2015 , 525, 389-393	50.4	420
63	Macrophage binding to receptor VCAM-1 transmits survival signals in breast cancer cells that invade the lungs. <i>Cancer Cell</i> , 2011 , 20, 538-49	24.3	399
62	Mutual regulation of tumour vessel normalization and immunostimulatory reprogramming. <i>Nature</i> , 2017 , 544, 250-254	50.4	365
61	Tumor Exosomal RNAs Promote Lung Pre-metastatic Niche Formation by Activating Alveolar Epithelial TLR3 to Recruit Neutrophils. <i>Cancer Cell</i> , 2016 , 30, 243-256	24.3	347
60	Selection of bone metastasis seeds by mesenchymal signals in the primary tumor stroma. <i>Cell</i> , 2013 , 154, 1060-1073	56.2	296
59	The spliceosome is a therapeutic vulnerability in MYC-driven cancer. <i>Nature</i> , 2015 , 525, 384-8	50.4	288
58	The osteogenic niche promotes early-stage bone colonization of disseminated breast cancer cells. <i>Cancer Cell</i> , 2015 , 27, 193-210	24.3	235
57	Metastasis dormancy in estrogen receptor-positive breast cancer. <i>Clinical Cancer Research</i> , 2013 , 19, 6389-97	12.9	154
56	14-3-3 turns TGF-β function from tumor suppressor to metastasis promoter in breast cancer by contextual changes of Smad partners from p53 to Gli2. <i>Cancer Cell</i> , 2015 , 27, 177-92	24.3	124
55	Oncogenic mTOR signalling recruits myeloid-derived suppressor cells to promote tumour initiation. <i>Nature Cell Biology</i> , 2016 , 18, 632-44	23.4	124
54	Immuno-subtyping of breast cancer reveals distinct myeloid cell profiles and immunotherapy resistance mechanisms. <i>Nature Cell Biology</i> , 2019 , 21, 1113-1126	23.4	106

53	Metabolic enzyme PFKFB4 activates transcriptional coactivator SRC-3 to drive breast cancer. <i>Nature</i> , 2018 , 556, 249-254	50.4	104
52	Metastasis Organotropism: Redefining the Congenial Soil. <i>Developmental Cell</i> , 2019 , 49, 375-391	10.2	85
51	Tumor-educated B cells selectively promote breast cancer lymph node metastasis by HSPA4-targeting IgG. <i>Nature Medicine</i> , 2019 , 25, 312-322	50.5	82
50	Adult Connective Tissue-Resident Mast Cells Originate from Late Erythro-Myeloid Progenitors. <i>Immunity</i> , 2018 , 49, 640-653.e5	32.3	74
49	The Osteogenic Niche Is a Calcium Reservoir of Bone Micrometastases and Confers Unexpected Therapeutic Vulnerability. <i>Cancer Cell</i> , 2018 , 34, 823-839.e7	24.3	58
48	Notch Signaling as a Regulator of the Tumor Immune Response: To Target or Not To Target?. <i>Frontiers in Immunology</i> , 2018 , 9, 1649	8.4	47
47	Upregulation of EGFR signaling is correlated with tumor stroma remodeling and tumor recurrence in FGFR1-driven breast cancer. <i>Breast Cancer Research</i> , 2015 , 17, 141	8.3	46
46	One microenvironment does not fit all: heterogeneity beyond cancer cells. <i>Cancer and Metastasis Reviews</i> , 2016 , 35, 601-629	9.6	41
45	Bone Metastasis: Find Your Niche and Fit in. <i>Trends in Cancer</i> , 2019 , 5, 95-110	12.5	40
44	Circulating and disseminated tumor cells from breast cancer patient-derived xenograft-bearing mice as a novel model to study metastasis. <i>Breast Cancer Research</i> , 2015 , 17, 3	8.3	39
43	Targeting Brain-Adaptive Cancer Stem Cells Prohibits Brain Metastatic Colonization of Triple-Negative Breast Cancer. <i>Cancer Research</i> , 2018 , 78, 2052-2064	10.1	36
42	HER2/EGFR-AKT Signaling Switches TGF β from Inhibiting Cell Proliferation to Promoting Cell Migration in Breast Cancer. <i>Cancer Research</i> , 2018 , 78, 6073-6085	10.1	35
41	Ash1l and lnc-Smad3 coordinate Smad3 locus accessibility to modulate iTreg polarization and T cell autoimmunity. <i>Nature Communications</i> , 2017 , 8, 15818	17.4	34
40	Interleukin-17 Could Promote Breast Cancer Progression at Several Stages of the Disease. <i>Mediators of Inflammation</i> , 2015 , 2015, 804347	4.3	32
39	Lung mesenchymal cells elicit lipid storage in neutrophils that fuel breast cancer lung metastasis. <i>Nature Immunology</i> , 2020 , 21, 1444-1455	19.1	31
38	Resistance to natural killer cell immunosurveillance confers a selective advantage to polyclonal metastasis.. <i>Nature Cancer</i> , 2020 , 1, 709-722	15.4	30
37	Wild-Type N-Ras, Overexpressed in Basal-like Breast Cancer, Promotes Tumor Formation by Inducing IL-8 Secretion via JAK2 Activation. <i>Cell Reports</i> , 2015 , 12, 511-24	10.6	28
36	Neurofibromin Is an Estrogen Receptor- α Transcriptional Co-repressor in Breast Cancer. <i>Cancer Cell</i> , 2020 , 37, 387-402.e7	24.3	28

35	Spliceosome-targeted therapies trigger an antiviral immune response in triple-negative breast cancer. <i>Cell</i> , 2021 , 184, 384-403.e21	56.2	26
34	EMT in Metastasis: Finding the Right Balance. <i>Developmental Cell</i> , 2018 , 45, 663-665	10.2	25
33	The bone microenvironment invigorates metastatic seeds for further dissemination. <i>Cell</i> , 2021 , 184, 2471-2486.e20	56.2	25
32	Bone-in-culture array as a platform to model early-stage bone metastases and discover anti-metastasis therapies. <i>Nature Communications</i> , 2017 , 8, 15045	17.4	22
31	The oncogenic STP axis promotes triple-negative breast cancer via degradation of the REST tumor suppressor. <i>Cell Reports</i> , 2014 , 9, 1318-32	10.6	15
30	Tumor-Associated Neutrophils and Macrophages-Heterogenous but Not Chaotic. <i>Frontiers in Immunology</i> , 2020 , 11, 553967	8.4	15
29	Repurposing Antiestrogens for Tumor Immunotherapy. <i>Cancer Discovery</i> , 2017 , 7, 17-19	24.4	14
28	Intra-iliac Artery Injection for Efficient and Selective Modeling of Microscopic Bone Metastasis. <i>Journal of Visualized Experiments</i> , 2016 ,	1.6	14
27	UDP-glucose 6-dehydrogenase regulates hyaluronic acid production and promotes breast cancer progression. <i>Oncogene</i> , 2020 , 39, 3089-3101	9.2	14
26	FGFR1-Activated Translation of WNT Pathway Components with Structured 5UTRs Is Vulnerable to Inhibition of EIF4A-Dependent Translation Initiation. <i>Cancer Research</i> , 2018 , 78, 4229-4240	10.1	13
25	Pathogen-expanded CD11b+ invariant NKT cells feedback inhibit T cell proliferation via membrane-bound TGF- β . <i>Journal of Autoimmunity</i> , 2015 , 58, 21-35	15.5	10
24	Hormonal modulation of ESR1 mutant metastasis. <i>Oncogene</i> , 2021 , 40, 997-1011	9.2	10
23	The bone microenvironment increases phenotypic plasticity of ER breast cancer cells. <i>Developmental Cell</i> , 2021 , 56, 1100-1117.e9	10.2	10
22	Transcriptional Repression of SIRT3 Potentiates Mitochondrial Aconitase Activation to Drive Aggressive Prostate Cancer to the Bone. <i>Cancer Research</i> , 2021 , 81, 50-63	10.1	9
21	Senesce to Survive: YAP-Mediated Dormancy Escapes EGFR/MEK Inhibition. <i>Cancer Cell</i> , 2020 , 37, 1-2	24.3	8
20	Multi-omic molecular profiling reveals potentially targetable abnormalities shared across multiple histologies of brain metastasis. <i>Acta Neuropathologica</i> , 2021 , 141, 303-321	14.3	8
19	Harnessing the power of antibodies to fight bone metastasis. <i>Science Advances</i> , 2021 , 7,	14.3	7
18	Protein quality control through endoplasmic reticulum-associated degradation maintains haematopoietic stem cell identity and niche interactions. <i>Nature Cell Biology</i> , 2020 , 22, 1162-1169	23.4	6

17	Unique cellular protrusions mediate breast cancer cell migration by tethering to osteogenic cells. <i>Npj Breast Cancer</i> , 2020 , 6, 42	7.8	6
16	Inflammation-induced CD69 Kupffer cell feedback inhibits T cell proliferation via membrane-bound TGF- β . <i>Science China Life Sciences</i> , 2016 , 59, 1259-1269	8.5	6
15	Retrieval of Disseminated Tumor Cells Colonizing the Bone in Murine Breast Cancer Metastasis Models. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2015 , 20, 103-8	2.4	4
14	Evolving cancer-niche interactions and therapeutic targets during bone metastasis. <i>Nature Reviews Cancer</i> , 2021 ,	31.3	4
13	Exploiting bone niches: progression of disseminated tumor cells to metastasis. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	4
12	A Wnt-Independent LGR4-EGFR Signaling Axis in Cancer Metastasis. <i>Cancer Research</i> , 2021 , 81, 4441-4454	10.1	2
11	Single Cell Analysis Unveils the Role of the Tumor Immune Microenvironment and Notch Signaling in Dormant Minimal Residual Disease.. <i>Cancer Research</i> , 2021 ,	10.1	2
10	Mapping bone marrow niches of disseminated tumor cells. <i>Science China Life Sciences</i> , 2017 , 60, 1125-1182	2	1
9	RSPO2/RANKL-LGR4 signaling regulates osteoclastic pre-metastatic niche formation and bone metastasis. <i>Journal of Clinical Investigation</i> , 2021 ,	15.9	1
8	Replication stress response defects are associated with response to immune checkpoint blockade in nonhypermethylated cancers. <i>Science Translational Medicine</i> , 2021 , 13, eabe6201	17.5	1
7	Bone Tropism in Cancer Metastases. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2020 , 10,	5.4	1
6	Endoplasmic Reticulum Stress in Bone Metastases. <i>Frontiers in Oncology</i> , 2020 , 10, 1100	5.3	1
5	Tumor suppressor PLK2 may serve as a biomarker in triple-negative breast cancer for improved response to PLK1 therapeutics.. <i>Cancer Research Communications</i> , 2021 , 1, 178-193		1
4	Bone-Specific Enhancement of Antibody Therapy for Breast Cancer Metastasis to Bone.. <i>ACS Central Science</i> , 2022 , 8, 312-321	16.8	0
3	EMT process in bone metastasis 2022 , 359-370		0
2	Bone-in-culture Array to Model Bone Metastasis in Condition. <i>Bio-protocol</i> , 2020 , 10, e3495	0.9	
1	Bone as a New Milieu for Disseminated Tumor Cells: An Overview of Bone Metastasis 2020 , 78-95		