Xiang H -F Zhang

List of Publications by Year
in descending order

72 papers	12,042 citations	87723 38 h-index	91712 69 g-index
79 all docs	79 docs citations	79 times ranked	19319 citing authors

#	Article	IF	Citations
1	EMT process in bone metastasis. , 2022, , 359-370.		1
2	Evolving cancerâ€“niche interactions and therapeutic targets during bone metastasis. Nature Reviews Cancer, 2022, 22, 85-101.	12.8	47
3	RSPO2 and RANKL signal through LGR4 to regulate osteoclastic premetastatic niche formation and bone metastasis. Journal of Clinical Investigation, 2022, 132, .	3.9	30
4	Bone-Specific Enhancement of Antibody Therapy for Breast Cancer Metastasis to Bone. ACS Central Science, 2022, 8, 312-321.	5.3	4
5	Single-Cell Analysis Unveils the Role of the Tumor Immune Microenvironment and Notch Signaling in Dormant Minimal Residual Disease. Cancer Research, 2022, 82, 885-899.	0.4	14
6	Chemotherapy Coupled to Macrophage Inhibition Induces T-cell and B-cell Infiltration and Durable Regression in Triple-Negative Breast Cancer. Cancer Research, 2022, 82, 2281-2297.	0.4	22
7	Transcriptional repression of SIRT3 potentiates mitochondrial aconitase activation to drive aggressive prostate cancer to the bone. Cancer Research, 2021, 81, canres.1708.2020.	0.4	24
8	Multi-omic molecular profiling reveals potentially targetable abnormalities shared across multiple histologies of brain metastasis. Acta Neuropathologica, 2021, 141, 303-321.	3.9	30
9	Spliceosome-targeted therapies trigger an antiviral immune response in triple-negative breast cancer. Cell, 2021, 184, 384-403.e21.	13.5	94
10	Exploiting bone niches: progression of disseminated tumor cells to metastasis. Journal of Clinical Investigation, 2021, 131, .	3.9	17
11	The bone microenvironment increases phenotypic plasticity of ER+ breast cancer cells. Developmental Cell, 2021, 56, 1100-1117.e9.	3.1	63
12	The bone microenvironment invigorates metastatic seeds for further dissemination. Cell, 2021, 184, 2471-2486.e20.	13.5	131
13	Harnessing the power of antibodies to fight bone metastasis. Science Advances, 2021, 7, .	4.7	18
14	A Wnt-Independent LGR4â€“EGFR Signaling Axis in Cancer Metastasis. Cancer Research, 2021, 81, 4441-4454.	0.4	11
15	Hormonal modulation of ESR1 mutant metastasis. Oncogene, 2021, 40, 997-1011.	2.6	22
16	Replication stress response defects are associated with response to immune checkpoint blockade in nonhypermutated cancers. Science Translational Medicine, 2021, 13, eabe6201.	5.8	19
17	Tumor Suppressor PLK2 May Serve as a Biomarker in Triple-Negative Breast Cancer for Improved Response to PLK1 Therapeutics. Cancer Research Communications, 2021, 1, 178-193.	0.7	8
18	UDP-glucose 6-dehydrogenase regulates hyaluronic acid production and promotes breast cancer progression. Oncogene, 2020, 39, 3089-3101.	2.6	37

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19	Bone Tropism in Cancer Metastases. Cold Spring Harbor Perspectives in Medicine, 2020, 10, a036848.	2.9	8
20	Endoplasmic Reticulum Stress in Bone Metastases. Frontiers in Oncology, 2020, 10, 1100.	1.3	3
21	Tumor-Associated Neutrophils and Macrophagesâ€"Heterogenous but Not Chaotic. Frontiers in Immunology, 2020, 11, 553967.	2.2	53
22	Protein quality control through endoplasmic reticulum-associated degradation maintains haematopoietic stem cell identity and niche interactions. Nature Cell Biology, 2020, 22, 1162-1169.	4.6	32
23	Lung mesenchymal cells elicit lipid storage in neutrophils that fuel breast cancer lung metastasis. Nature Immunology, 2020, 21, 1444-1455.	7.0	109
24	Unique cellular protrusions mediate breast cancer cell migration by tethering to osteogenic cells. Npj Breast Cancer, 2020, 6, 42.	2.3	14
25	Resistance to natural killer cell immunosurveillance confers a selective advantage to polyclonal metastasis. Nature Cancer, 2020, 1, 709-722.	5.7	77
26	Neurofibromin Is an Estrogen Receptor-Î± Transcriptional Co-repressor in Breast Cancer. Cancer Cell, 2020, 37, 387-402.e7.	7.7	59
27	Senesce to Survive: YAP-Mediated Dormancy Escapes EGFR/MEK Inhibition. Cancer Cell, 2020, 37, 1-2.	7.7	12
28	Bone-in-culture Array to Model Bone Metastasis in ex vivo Condition. Bio-protocol, 2020, 10, e3495.	0.2	0
29	Bone as a New Milieu for Disseminated Tumor Cells: An Overview of Bone Metastasis. , 2020, , 78-95.		0
30	Immuno-subtyping of breast cancer reveals distinct myeloid cell profiles and immunotherapy resistance mechanisms. Nature Cell Biology, 2019, 21, 1113-1126.	4.6	202
31	Metastasis Organotropism: Redefining the Congenial Soil. Developmental Cell, 2019, 49, 375-391.	3.1	202
32	Bone Metastasis: Find Your Niche and Fit in. Trends in Cancer, 2019, 5, 95-110.	3.8	65
33	Tumor-educated B cells selectively promote breast cancer lymph node metastasis by HSPA4-targeting IgG. Nature Medicine, 2019, 25, 312-322.	15.2	174
34	Metabolic enzyme PFKFB4 activates transcriptional coactivator SRC-3 to drive breast cancer. Nature, 2018, 556, 249-254.	13.7	164
35	Targeting Brain-Adaptive Cancer Stem Cells Prohibits Brain Metastatic Colonization of Triple-Negative Breast Cancer. Cancer Research, 2018, 78, 2052-2064.	0.4	56
36	The Osteogenic Niche Is a Calcium Reservoir of Bone Micrometastases and Confers Unexpected Therapeutic Vulnerability. Cancer Cell, 2018, 34, 823-839.e7.	7.7	93

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37	Adult Connective Tissue-Resident Mast Cells Originate from Late Erythro-Myeloid Progenitors. Immunity, 2018, 49, 640-653.e5.	6.6	139
38	HER2/EGFRâ€“AKT Signaling Switches TGFÎ² from Inhibiting Cell Proliferation to Promoting Cell Migration in Breast Cancer. Cancer Research, 2018, 78, 6073-6085.	0.4	58
39	FGFR1-Activated Translation of WNT Pathway Components with Structured 5â€² UTRs Is Vulnerable to Inhibition of EIF4A-Dependent Translation Initiation. Cancer Research, 2018, 78, 4229-4240.	0.4	22
40	Notch Signaling as a Regulator of the Tumor Immune Response: To Target or Not To Target?. Frontiers in Immunology, 2018, 9, 1649.	2.2	85
41	EMT in Metastasis: Finding the Right Balance. Developmental Cell, 2018, 45, 663-665.	3.1	33
42	Repurposing Antiestrogens for Tumor Immunotherapy. Cancer Discovery, 2017, 7, 17-19.	7.7	19
43	Bone-in-culture array as a platform to model early-stage bone metastases and discover anti-metastasis therapies. Nature Communications, 2017, 8, 15045.	5.8	34
44	Ash1l and lnc-Smad3 coordinate Smad3 locus accessibility to modulate iTreg polarization and T cell autoimmunity. Nature Communications, 2017, 8, 15818.	5.8	53
45	Mutual regulation of tumour vessel normalization and immunostimulatory reprogramming. Nature, 2017, 544, 250-254.	13.7	555
46	Mapping bone marrow niches of disseminated tumor cells. Science China Life Sciences, 2017, 60, 1125-1132.	2.3	2
47	Inflammation-induced CD69+ Kupffer cell feedback inhibits T cell proliferation via membrane-bound TGF-Î²1. Science China Life Sciences, 2016, 59, 1259-1269.	2.3	7
48	Oncogenic mTOR signalling recruits myeloid-derived suppressor cells to promote tumour initiation. Nature Cell Biology, 2016, 18, 632-644.	4.6	174
49	Tumor Exosomal RNAs Promote Lung Pre-metastatic Niche Formation by Activating Alveolar Epithelial TLR3 to Recruit Neutrophils. Cancer Cell, 2016, 30, 243-256.	7.7	478
50	Fatal attraction: TICs and MDSCs. Cell Cycle, 2016, 15, 2545-2546.	1.3	2
51	One microenvironment does not fit all: heterogeneity beyond cancer cells. Cancer and Metastasis Reviews, 2016, 35, 601-629.	2.7	58
52	Intra-iliac Artery Injection for Efficient and Selective Modeling of Microscopic Bone Metastasis. Journal of Visualized Experiments, 2016, , .	0.2	29
53	Upregulation of EGFR signaling is correlated with tumor stroma remodeling and tumor recurrence in FGFR1-driven breast cancer. Breast Cancer Research, 2015, 17, 141.	2.2	55
54	Interleukin-17 Could Promote Breast Cancer Progression at Several Stages of the Disease. Mediators of Inflammation, 2015, 2015, 1-6.	1.4	47

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55	14-3-3Î¶ Turns TGF-Î²â€™s Function from Tumor Suppressor to Metastasis Promoter in Breast Cancer by Contextual Changes of Smad Partners from p53 to Gli2. Cancer Cell, 2015, 27, 177-192.	7.7	158
56	The Osteogenic Niche Promotes Early-Stage Bone Colonization of Disseminated Breast Cancer Cells. Cancer Cell, 2015, 27, 193-210.	7.7	308
57	Pathogen-expanded CD11b+ invariant NKT cells feedback inhibit T cell proliferation via membrane-bound TGF-Î²1. Journal of Autoimmunity, 2015, 58, 21-35.	3.0	11
58	Circulating and disseminated tumor cells from breast cancer patient-derived xenograft-bearing mice as a novel model to study metastasis. Breast Cancer Research, 2015, 17, 3.	2.2	48
59	Wild-Type N-Ras, Overexpressed in Basal-like Breast Cancer, Promotes Tumor Formation by Inducing IL-8 Secretion via JAK2 Activation. Cell Reports, 2015, 12, 511-524.	2.9	39
60	Retrieval of Disseminated Tumor Cells Colonizing the Bone in Murine Breast Cancer Metastasis Models. Journal of Mammary Gland Biology and Neoplasia, 2015, 20, 103-108.	1.0	4
61	Tet2 is required to resolve inflammation by recruiting Hdac2 to specifically repress IL-6. Nature, 2015, 525, 389-393.	13.7	600
62	The spliceosome is a therapeutic vulnerability in MYC-driven cancer. Nature, 2015, 525, 384-388.	13.7	392
63	The Oncogenic STP Axis Promotes Triple-Negative Breast Cancer via Degradation of the REST Tumor Suppressor. Cell Reports, 2014, 9, 1318-1332.	2.9	24
64	Serpins Promote Cancer Cell Survival and Vascular Co-Option in Brain Metastasis. Cell, 2014, 156, 1002-1016.	13.5	672
65	Selection of Bone Metastasis Seeds by Mesenchymal Signals in the Primary Tumor Stroma. Cell, 2013, 154, 1060-1073.	13.5	359
66	Metastasis Dormancy in Estrogen Receptorâ€“Positive Breast Cancer. Clinical Cancer Research, 2013, 19, 6389-6397.	3.2	199
67	Breast cancer cells produce tenascin C as a metastatic niche component to colonize the lungs. Nature Medicine, 2011, 17, 867-874.	15.2	740
68	Macrophage Binding to Receptor VCAM-1 Transmits Survival Signals in Breast Cancer Cells that Invade the Lungs. Cancer Cell, 2011, 20, 538-549.	7.7	493
69	Latent Bone Metastasis in Breast Cancer Tied to Src-Dependent Survival Signals. Cancer Cell, 2009, 16, 67-78.	7.7	609
70	Genes that mediate breast cancer metastasis to the brain. Nature, 2009, 459, 1005-1009.	13.7	1,587
71	Tumor Self-Seeding by Circulating Cancer Cells. Cell, 2009, 139, 1315-1326.	13.5	1,182
72	TGFÎ² Primes Breast Tumors for Lung Metastasis Seeding through Angiopoietin-like 4. Cell, 2008, 133, 66-77.	13.5	852