Yunlong Yang

List of Publications by Year
in descending order

41 papers	2,577 citations	218592 26 h-index	289141 40 g-index
41 all docs	41 docs citations	41 times ranked	4505 citing authors

#	Article	IF	Citations
1	Pericyteâ€“fibroblast transition promotes tumor growth and metastasis. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E5618-27.	3.3	246
2	Cancer Lipid Metabolism Confers Antiangiogenic Drug Resistance. Cell Metabolism, 2018, 28, 104-117.e5.	7.2	191
3	PDGF-BB modulates hematopoiesis and tumor angiogenesis by inducing erythropoietin production in stromal cells. Nature Medicine, 2012, 18, 100-110.	15.2	185
4	TNFR1 mediates TNF-Î±-induced tumour lymphangiogenesis and metastasis by modulating VEGF-C-VEGFR3 signalling. Nature Communications, 2014, 5, 4944.	5.8	144
5	The PDGF-BB-SOX7 axis-modulated IL-33 in pericytes and stromal cells promotes metastasis through tumour-associated macrophages. Nature Communications, 2016, 7, 11385.	5.8	117
6	VEGF-B promotes cancer metastasis through a VEGF-Aâ€“independent mechanism and serves as a marker of poor prognosis for cancer patients. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E2900-9.	3.3	112
7	Anti-VEGFâ€“ and anti-VEGF receptorâ€“induced vascular alteration in mouse healthy tissues. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 12018-12023.	3.3	110
8	Tumour PDGF-BB expression levels determine dual effects of anti-PDGF drugs on vascular remodelling and metastasis. Nature Communications, 2013, 4, 2129.	5.8	94
9	Discontinuation of anti-VEGF cancer therapy promotes metastasis through a liver revascularization mechanism. Nature Communications, 2016, 7, 12680.	5.8	89
10	Inflammatory cell-derived CXCL3 promotes pancreatic cancer metastasis through a novel myofibroblast-hijacked cancer escape mechanism. Gut, 2022, 71, 129-147.	6.1	88
11	Opposing Effects of Circadian Clock Genes Bmal1 and Period2 in Regulation of VEGF-Dependent Angiogenesis in Developing Zebrafish. Cell Reports, 2012, 2, 231-241.	2.9	85
12	Endothelial PDGF-CC regulates angiogenesis-dependent thermogenesis in beige fat. Nature Communications, 2016, 7, 12152.	5.8	84
13	Molecular mechanisms of IL-33â€“mediated stromal interactions in cancer metastasis. JCI Insight, 2018, 3, .	2.3	82
14	Mouse corneal lymphangiogenesis model. Nature Protocols, 2011, 6, 817-826.	5.5	75
15	The impact of VEGF on cancer metastasis and systemic disease. Seminars in Cancer Biology, 2022, 86, 251-261.	4.3	73
16	A Zebrafish Model Discovers a Novel Mechanism of Stromal Fibroblast-Mediated Cancer Metastasis. Clinical Cancer Research, 2017, 23, 4769-4779.	3.2	71
17	D-mannose facilitates immunotherapy and radiotherapy of triple-negative breast cancer via degradation of PD-L1. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	66
18	Therapeutic paradigm of dual targeting VEGF and PDGF for effectively treating FGF-2 off-target tumors. Nature Communications, 2020, 11, 3704.	5.8	62

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19	Vascular endothelial growth factor-dependent spatiotemporal dual roles of placental growth factor in modulation of angiogenesis and tumor growth. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 13932-13937.	3.3	61
20	Tumor cell-derived placental growth factor sensitizes antiangiogenic and antitumor effects of anti-VEGF drugs. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 654-659.	3.3	57
21	Crosstalk between Raf/MEK/ERK and PI3K/AKT in Suppression of Bax Conformational Change by Grp75 under Glucose Deprivation Conditions. Journal of Molecular Biology, 2011, 414, 654-666.	2.0	56
22	A miR-327â€“FGF10â€“FGFR2-mediated autocrine signaling mechanism controls white fat browning. Nature Communications, 2017, 8, 2079.	5.8	52
23	Bladder drug mirabegron exacerbates atherosclerosis through activation of brown fat-mediated lipolysis. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 10937-10942.	3.3	46
24	Dual roles of endothelial FGF-2â€“FGFR1â€“PDGF-BB and perivascular FGF-2â€“FGFR2â€“PDGFRÎ² signaling pathways in tumor vascular remodeling. Cell Discovery, 2018, 4, 3.	3.1	42
25	Prodrugâ€Loaded Zirconium Carbide Nanosheets as a Novel Biophotonic Nanoplatform for Effective Treatment of Cancer. Advanced Science, 2020, 7, 2001191.	5.6	35
26	Glucose-regulated protein 75 suppresses apoptosis induced by glucose deprivation in PC12 cells through inhibition of Bax conformational change. Acta Biochimica Et Biophysica Sinica, 2008, 40, 339-348.	0.9	31
27	Maintenance of antiangiogenic and antitumor effects by orally active low-dose capecitabine for long-term cancer therapy. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E5226-E5235.	3.3	28
28	Endocrine vasculatures are preferable targets of an antitumor ineffective low dose of anti-VEGF therapy. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 4158-4163.	3.3	25
29	PlGF-induced VEGFR1-dependent vascular remodeling determines opposing antitumor effects and drug resistance to Dll4-Notch inhibitors. Science Advances, 2015, 1, e1400244.	4.7	21
30	Perivascular cellâ€derived extracellular vesicles stimulate colorectal cancer revascularization after withdrawal of antiangiogenic drugs. Journal of Extracellular Vesicles, 2021, 10, e12096.	5.5	20
31	Interleukinâ€33 is a Novel Immunosuppressor that Protects Cancer Cells from TIL Killing by a Macrophageâ€Mediated Shedding Mechanism. Advanced Science, 2021, 8, 2101029.	5.6	20
32	FGF-2 signaling in nasopharyngeal carcinoma modulates pericyte-macrophage crosstalk and metastasis. JCI Insight, 2022, 7, .	2.3	20
33	Nanopoxia: Targeting Cancer Hypoxia by Antimoneneâ€Based Nanoplatform for Precision Cancer Therapy. Advanced Functional Materials, 2021, 31, 2104607.	7.8	18
34	Imaging and tracing the pattern of adult ovarian angiogenesis implies a strategy against female reproductive aging. Science Advances, 2022, 8, eabi8683.	4.7	15
35	Atrophy of skin-draining lymph nodes predisposes for impaired immune responses to secondary infection in mice with chronic intestinal nematode infection. PLoS Pathogens, 2018, 14, e1007008.	2.1	13
36	Off-tumor targets compromise antiangiogenic drug sensitivity by inducing kidney erythropoietin production. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E9635-E9644.	3.3	12

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37	Megakaryocytes Mediate Hyperglycemia-Induced Tumor Metastasis. Cancer Research, 2021, 81, 5506-5522.	0.4	11
38	Synchronized tissue-scale vasculogenesis and ubiquitous lateral sprouting underlie the unique architecture of the choriocapillaris. Developmental Biology, 2020, 457, 206-214.	0.9	9
39	Collaborative effects between the TNFÎ±-TNFR1-macrophage axis and the VEGF-C-VEGFR3 signaling in lymphangiogenesis and metastasis. OncoImmunology, 2015, 4, e989777.	2.1	8
40	Taurine detected using high-resolution magic angle spinning 1H nuclear magnetic resonance: A potential indicator of early myocardial infarction. Experimental and Therapeutic Medicine, 2013, 5, 683-688.	0.8	3
41	Abstract 1623: PDGF-BB modulates hematopoiesis and tumor angiogenesis by inducing erythropoietin production in stromal cells.. , 2013, , .		0