Suling Liu

List of Publications by Year in Descending Order

90 papers	12,427 citations	39 h-index	93 g-index
93 ext. papers	13,870 ext. citations	9.4 avg, IF	6.06 L-index

#	Paper	IF	Citations
90	Cancer stem cell regulated phenotypic plasticity protects metastasized cancer cells from ferroptosis.. *Nature Communications*, **2022**, 13, 1371	17.4	2
89	PRMT5 regulates RNA m6A demethylation for doxorubicin sensitivity in breast cancer.. *Molecular Therapy*, **2022**,	11.7	4
88	Ccl3 enhances docetaxel chemosensitivity in breast cancer by triggering proinflammatory macrophage polarization **2022**, 10, e003793		0
87	Single-cell transcriptomics reveal the heterogeneity and dynamic of cancer stem-like cells during breast tumor progression. *Cell Death and Disease*, **2021**, 12, 979	9.8	1
86	Knockdown of Oligosaccharyltransferase Subunit Ribophorin 1 Induces Endoplasmic-Reticulum-Stress-Dependent Cell Apoptosis in Breast Cancer. *Frontiers in Oncology*, **2021**, 11, 722624	5.3	1
85	Novel molecular regulators of breast cancer stem cell plasticity and heterogeneity. *Seminars in Cancer Biology*, **2021**,	12.7	5
84	Cancer Stem Cells and Neovascularization. *Cells*, **2021**, 10,	7.9	6
83	TEM8 marks neovasculogenic tumor-initiating cells in triple-negative breast cancer. *Nature Communications*, **2021**, 12, 4413	17.4	3
82	UCP1 regulates ALDH-positive breast cancer stem cells through releasing the suppression of Snail on FBP1. *Cell Biology and Toxicology*, **2021**, 37, 277-291	7.4	5
81	ALDH1A1 Activity in Tumor-Initiating Cells Remodels Myeloid-Derived Suppressor Cells to Promote Breast Cancer Progression. *Cancer Research*, **2021**, 81, 5919-5934	10.1	9
80	Myeloid PTEN promotes chemotherapy-induced NLRP3-inflammasome activation and antitumour immunity. *Nature Cell Biology*, **2020**, 22, 716-727	23.4	28
79	Mechanistic insights of adipocyte metabolism in regulating breast cancer progression. *Pharmacological Research*, **2020**, 155, 104741	10.2	12
78	NOTCH4 maintains quiescent mesenchymal-like breast cancer stem cells via transcriptionally activating SLUG and GAS1 in triple-negative breast cancer. *Theranostics*, **2020**, 10, 2405-2421	12.1	28
77	Interfering MSN-NONO complex-activated CREB signaling serves as a therapeutic strategy for triple-negative breast cancer. *Science Advances*, **2020**, 6, eaaw9960	14.3	16
76	Mifepristone Derivative FZU-00,003 Suppresses Triple-negative Breast Cancer Cell Growth partially via miR-153-KLF5 axis. *International Journal of Biological Sciences*, **2020**, 16, 611-619	11.2	8
75	CCL20 Signaling in the Tumor Microenvironment. *Advances in Experimental Medicine and Biology*, **2020**, 1231, 53-65	3.6	17
74	IL1R2 Blockade Suppresses Breast Tumorigenesis and Progression by Impairing USP15-Dependent BMI1 Stability. *Advanced Science*, **2020**, 7, 1901728	13.6	15

73	Breast Cancer: IL1R2 Blockade Suppresses Breast Tumorigenesis and Progression by Impairing USP15-Dependent BMI1 Stability (Adv. Sci. 1/2020). *Advanced Science*, **2020**, 7, 2070002	13.6	78
72	Long non-coding RNA CCAT2 promotes oncogenesis in triple-negative breast cancer by regulating stemness of cancer cells. *Pharmacological Research*, **2020**, 152, 104628	10.2	27
71	Membrane-bound TNF mediates microtubule-targeting chemotherapeutics-induced cancer cytolysis via juxtacrine inter-cancer-cell death signaling. *Cell Death and Differentiation*, **2020**, 27, 1569-1587	12.7	6
70	Stress-induced epinephrine enhances lactate dehydrogenase A and promotes breast cancer stem-like cells. *Journal of Clinical Investigation*, **2019**, 129, 1030-1046	15.9	68
69	Aurora A Inhibition Eliminates Myeloid Cell-Mediated Immunosuppression and Enhances the Efficacy of Anti-PD-L1 Therapy in Breast Cancer. *Cancer Research*, **2019**, 79, 3431-3444	10.1	36
68	The endogenous retrovirus-derived long noncoding RNA TROJAN promotes triple-negative breast cancer progression via ZMYND8 degradation. *Science Advances*, **2019**, 5, eaat9820	14.3	49
67	SHON expression predicts response and relapse risk of breast cancer patients after anthracycline-based combination chemotherapy or tamoxifen treatment. *British Journal of Cancer*, **2019**, 120, 728-745	8.7	2
66	Cooperativity of co-factor NR2F2 with Pioneer Factors GATA3, FOXA1 in promoting ER function. *Theranostics*, **2019**, 9, 6501-6516	12.1	16
65	Identification of cancer-type specific expression patterns for active aldehyde dehydrogenase (ALDH) isoforms in ALDEFLUOR assay. *Cell Biology and Toxicology*, **2019**, 35, 161-177	7.4	43
64	Discovery of novel mifepristone derivatives via suppressing KLF5 expression for the treatment of triple-negative breast cancer. *European Journal of Medicinal Chemistry*, **2018**, 146, 354-367	6.8	14
63	Downregulation of annexin A3 inhibits tumor metastasis and decreases drug resistance in breast cancer. *Cell Death and Disease*, **2018**, 9, 126	9.8	28
62	Transcriptional profiles of different states of cancer stem cells in triple-negative breast cancer. *Molecular Cancer*, **2018**, 17, 65	42.1	31
61	IL6 blockade potentiates the anti-tumor effects of secretase inhibitors in Notch3-expressing breast cancer. *Cell Death and Differentiation*, **2018**, 25, 330-339	12.7	30
60	CCL20 triggered by chemotherapy hinders the therapeutic efficacy of breast cancer. *PLoS Biology*, **2018**, 16, e2005869	9.7	39
59	NMT1 inhibition modulates breast cancer progression through stress-triggered JNK pathway. *Cell Death and Disease*, **2018**, 9, 1143	9.8	19
58	SNIP1 Recruits TET2 to Regulate c-MYC Target Genes and Cellular DNA Damage Response. *Cell Reports*, **2018**, 25, 1485-1500.e4	10.6	31
57	miR-200c/141 Regulates Breast Cancer Stem Cell Heterogeneity via Targeting HIPK1/Catenin Axis. *Theranostics*, **2018**, 8, 5801-5813	12.1	42
56	Targeting the BRD4/FOXO3a/CDK6 axis sensitizes AKT inhibition in luminal breast cancer. *Nature Communications*, **2018**, 9, 5200	17.4	42

55	Development of a novel method for rapid cloning of shRNA vectors, which successfully knocked down CD44 in mesenchymal triple-negative breast cancer cells. *Cancer Communications*, **2018**, 38, 57	9.4	7
54	Cytokines, breast cancer stem cells (BCSCs) and chemoresistance. *Clinical and Translational Medicine*, **2018**, 7, 27	5.7	34
53	Targeting SPINK1 in the damaged tumour microenvironment alleviates therapeutic resistance. *Nature Communications*, **2018**, 9, 4315	17.4	45
52	Deletion of Macrophage Mineralocorticoid Receptor Protects Hepatic Steatosis and Insulin Resistance Through ER/HGF/Met Pathway. *Diabetes*, **2017**, 66, 1535-1547	0.9	26
51	RAD51 Mediates Resistance of Cancer Stem Cells to PARP Inhibition in Triple-Negative Breast Cancer. *Clinical Cancer Research*, **2017**, 23, 514-522	12.9	84
50	Rad51 inhibition sensitizes breast cancer stem cells to PARP inhibitor in triple-negative breast cancer. *Chinese Journal of Cancer*, **2017**, 36, 37		6
49	High efficiency fabrication of complex microtube arrays by scanning focused femtosecond laser Bessel beam for trapping/releasing biological cells. *Optics Express*, **2017**, 25, 8144-8157	3.3	22
48	MiR-200c Inhibits the Tumor Progression of Glioma via Targeting Moesin. *Theranostics*, **2017**, 7, 1663-1673	12.1	28
47	The roles of ncRNAs and histone-modifiers in regulating breast cancer stem cells. *Protein and Cell*, **2016**, 7, 89-99	7.2	28
46	Mifepristone Suppresses Basal Triple-Negative Breast Cancer Stem Cells by Down-regulating KLF5 Expression. *Theranostics*, **2016**, 6, 533-44	12.1	82
45	Noncoding RNAs in Cancer Cell Plasticity. *Advances in Experimental Medicine and Biology*, **2016**, 927, 173-89	3.6	4
44	SOCS3-mediated regulation of inflammatory cytokines in PTEN and p53 inactivated triple negative breast cancer model. *Oncogene*, **2015**, 34, 671-80	9.2	58
43	Breast cancer stem cells: current advances and clinical implications. *Methods in Molecular Biology*, **2015**, 1293, 1-49	1.4	67
42	Gd-metallofullerenol nanomaterial as non-toxic breast cancer stem cell-specific inhibitor. *Nature Communications*, **2015**, 6, 5988	17.4	135
41	Role of microRNA221 in regulating normal mammary epithelial hierarchy and breast cancer stem-like cells. *Oncotarget*, **2015**, 6, 3709-21	3.3	44
40	Self-Renewal Pathways in Mammary Stem Cells and Carcinogenesis **2015**, 155-174		
39	MicroRNA100 inhibits self-renewal of breast cancer stem-like cells and breast tumor development. *Cancer Research*, **2014**, 74, 6648-60	10.1	58
38	Artemin, a member of the glial cell line-derived neurotrophic factor family of ligands, is HER2-regulated and mediates acquired trastuzumab resistance by promoting cancer stem cell-like behavior in mammary carcinoma cells. *Journal of Biological Chemistry*, **2014**, 289, 16057-71	5.4	23

37	Breast cancer stem cells transition between epithelial and mesenchymal states reflective of their normal counterparts. *Stem Cell Reports*, **2014**, 2, 78-91	8	656
36	Growth hormone is secreted by normal breast epithelium upon progesterone stimulation and increases proliferation of stem/progenitor cells. *Stem Cell Reports*, **2014**, 2, 780-93	8	35
35	Targeting the c-Met/FZD8 signaling axis eliminates patient-derived cancer stem-like cells in head and neck squamous carcinomas. *Cancer Research*, **2014**, 74, 7546-59	10.1	75
34	Role of Cancer Stem Cell in Mammary Carcinogenesis and Its Clinical Implication **2013**, 189-197		
33	Distinct FAK activities determine progenitor and mammary stem cell characteristics. *Cancer Research*, **2013**, 73, 5591-602	10.1	43
32	Expression of aldehyde dehydrogenase and CD133 defines ovarian cancer stem cells. *International Journal of Cancer*, **2012**, 130, 29-39	7.5	198
31	Activation of an IL6 inflammatory loop mediates trastuzumab resistance in HER2+ breast cancer by expanding the cancer stem cell population. *Molecular Cell*, **2012**, 47, 570-84	17.6	385
30	Identification and functional analysis of 9p24 amplified genes in human breast cancer. *Oncogene*, **2012**, 31, 333-41	9.2	65
29	Role of microRNAs in the regulation of breast cancer stem cells. *Journal of Mammary Gland Biology and Neoplasia*, **2012**, 17, 15-21	2.4	72
28	MicroRNA93 regulates proliferation and differentiation of normal and malignant breast stem cells. *PLoS Genetics*, **2012**, 8, e1002751	6	136
27	Artemin stimulates radio- and chemo-resistance by promoting TWIST1-BCL-2-dependent cancer stem cell-like behavior in mammary carcinoma cells. *Journal of Biological Chemistry*, **2012**, 287, 42502-15	5.4	38
26	Breast cancer stem cells are regulated by mesenchymal stem cells through cytokine networks. *Cancer Research*, **2011**, 71, 614-24	10.1	476
25	Regulation of cancer stem cells by cytokine networks: attacking cancer's inflammatory roots. *Clinical Cancer Research*, **2011**, 17, 6125-9	12.9	239
24	Breast cancer stem cells, cytokine networks, and the tumor microenvironment. *Journal of Clinical Investigation*, **2011**, 121, 3804-9	15.9	450
23	Sulforaphane, a dietary component of broccoli/broccoli sprouts, inhibits breast cancer stem cells. *Clinical Cancer Research*, **2010**, 16, 2580-90	12.9	406
22	Targeting breast cancer stem cells. *Journal of Clinical Oncology*, **2010**, 28, 4006-12	2.2	269
21	Targeting breast stem cells with the cancer preventive compounds curcumin and piperine. *Breast Cancer Research and Treatment*, **2010**, 122, 777-85	4.4	372
20	CXCR1 blockade selectively targets human breast cancer stem cells in vitro and in xenografts. *Journal of Clinical Investigation*, **2010**, 120, 485-97	15.9	577

19	Identification of single chain antibodies to breast cancer stem cells using phage display. *Biotechnology Progress*, **2009**, 25, 1780-7	2.8	8
18	Getting to the root of BRCA1-deficient breast cancer. *Cell Stem Cell*, **2009**, 5, 229-30	18	21
17	Mammary epithelial-specific ablation of the focal adhesion kinase suppresses mammary tumorigenesis by affecting mammary cancer stem/progenitor cells. *Cancer Research*, **2009**, 69, 466-74	10.1	168
16	Conjugated linoleic acid induces apoptosis through estrogen receptor alpha in human breast tissue. *BMC Cancer*, **2008**, 8, 208	4.8	33
15	BRCA1 regulates human mammary stem/progenitor cell fate. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 1680-5	11.5	365
14	ALDH1 is a marker of normal and malignant human mammary stem cells and a predictor of poor clinical outcome. *Cell Stem Cell*, **2007**, 1, 555-67	18	3079
13	Hedgehog signaling and Bmi-1 regulate self-renewal of normal and malignant human mammary stem cells. *Cancer Research*, **2006**, 66, 6063-71	10.1	1027
12	Cancer stem cells: an old idea--a paradigm shift. *Cancer Research*, **2006**, 66, 1883-90; discussion 1895-6	10.1	1100
11	Cancer Stem Cells Implications for Development of More Effective Therapies **2006**, 125-136		3
10	Conjugated linoleic acid (CLA) up-regulates the estrogen-regulated cancer suppressor gene, protein tyrosine phosphatase gamma (PTPgama), in human breast cells. *Anticancer Research*, **2006**, 26, 27-34	2.3	14
9	Conjugated linoleic acid (CLA) modulates prostaglandin E2 (PGE2) signaling in canine mammary cells. *Anticancer Research*, **2006**, 26, 889-98	2.3	11
8	Mammary stem cells, self-renewal pathways, and carcinogenesis. *Breast Cancer Research*, **2005**, 7, 86-95	8.3	322
7	Stem cells in mammary development and carcinogenesis: implications for prevention and treatment. *Stem Cell Reviews and Reports*, **2005**, 1, 207-13	6.4	96
6	Effects of human breast stromal cells on conjugated linoleic acid (CLA) modulated vascular endothelial growth factor-A (VEGF-A) expression in MCF-7 cells. *Anticancer Research*, **2005**, 25, 4061-8	2.3	10
5	Transformation of MCF-10A human breast epithelial cells by zeranol and estradiol-17beta. *Breast Journal*, **2004**, 10, 514-21	1.2	50
4	Function analysis of estrogenically regulated protein tyrosine phosphatase gamma (PTPgamma) in human breast cancer cell line MCF-7. *Oncogene*, **2004**, 23, 1256-62	9.2	31
3	Involvement of breast epithelial-stromal interactions in the regulation of protein tyrosine phosphatase-gamma (PTPgamma) mRNA expression by estrogenically active agents. *Breast Cancer Research and Treatment*, **2002**, 71, 21-35	4.4	12
2	The (-)-enantiomer of gossypol possesses higher anticancer potency than racemic gossypol in human breast cancer. *Anticancer Research*, **2002**, 22, 33-8	2.3	56

1	Estrogenic down-regulation of protein tyrosine phosphatase gamma (PTP gamma) in human breast is associated with estrogen receptor alpha. *Anticancer Research*, **2002**, 22, 3917-23	2.3	17