Shiwu Zhang

List of Publications by Year
in descending order

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71 papers	2,957 citations	172457 29 h-index	175258 52 g-index
76 all docs	76 docs citations	76 times ranked	3115 citing authors

#	Article	IF	Citations
1	Generation of cancer stem-like cells through the formation of polyploid giant cancer cells. Oncogene, 2014, 33, 116-128.	5.9	360
2	Vasculogenic mimicry: Current status and future prospects. Cancer Letters, 2007, 254, 157-164.	7.2	167
3	Hypoxia influences vasculogenic mimicry channel formation and tumor invasion-related protein expression in melanoma. Cancer Letters, 2007, 249, 188-197.	7.2	157
4	The role of CDC25C in cell cycle regulation and clinical cancer therapy: a systematic review. Cancer Cell International, 2020, 20, 213.	4.1	135
5	S100A4 in cancer progression and metastasis: A systematic review. Oncotarget, 2017, 8, 73219-73239.	1.8	131
6	The number of polyploid giant cancer cells and epithelial-mesenchymal transition-related proteins are associated with invasion and metastasis in human breast cancer. Journal of Experimental and Clinical Cancer Research, 2015, 34, 158.	8.6	116
7	Vasculogenic mimicry is associated with high tumor grade, invasion and metastasis, and short survival in patients with hepatocellular carcinoma. Oncology Reports, 2006, 16, 693-8.	2.6	116
8	Identification of Metastasis-Related Proteins and Their Clinical Relevance to Triple-Negative Human Breast Cancer. Clinical Cancer Research, 2008, 14, 7050-7059.	7.0	88
9	Tumor stroma and differentiated cancer cells can be originated directly from polyploid giant cancer cells induced by paclitaxel. International Journal of Cancer, 2014, 134, 508-518.	5.1	84
10	Role and mechanism of vasculogenic mimicry in gastrointestinal stromal tumors. Human Pathology, 2008, 39, 444-451.	2.0	82
11	The role of mSEPT9 in screening, diagnosis, and recurrence monitoring of colorectal cancer. BMC Cancer, 2019, 19, 450.	2.6	82
12	Role of metastasis-induced protein S100A4 in human non-tumor pathophysiologies. Cell and Bioscience, 2017, 7, 64.	4.8	71
13	iTRAQ-Based Proteomic Analysis of Polyploid Giant Cancer Cells and Budding Progeny Cells Reveals Several Distinct Pathways for Ovarian Cancer Development. PLoS ONE, 2013, 8, e80120.	2.5	70
14	Polyploid giant cancer cells with budding and the expression of cyclin E, S-phase kinase-associated protein 2, stathmin associated with the grading and metastasis in serous ovarian tumor. BMC Cancer, 2014, 14, 576.	2.6	66
15	Thalidomide influences growth and vasculogenic mimicry channel formation in melanoma. Journal of Experimental and Clinical Cancer Research, 2008, 27, 60.	8.6	65
16	Chemokine CXCL12 and its receptor CXCR4 expression are associated with perineural invasion of prostate cancer. Journal of Experimental and Clinical Cancer Research, 2008, 27, 62.	8.6	62
17	Generation of erythroid cells from fibroblasts and cancer cells in vitro and in vivo. Cancer Letters, 2013, 333, 205-212.	7.2	58
18	Microcirculation patterns in different stages of melanoma growth. Oncology Reports, 2006, 15, 15-20.	2.6	53

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19	Daughter Cells and Erythroid Cells Budding from PGCCs and Their Clinicopathological Significances in Colorectal Cancer. Journal of Cancer, 2017, 8, 469-478.	2.5	47
20	The subcellular location of cyclin B1 and CDC25 associated with the formation of polyploid giant cancer cells and their clinicopathological significance. Laboratory Investigation, 2019, 99, 483-498.	3.7	47
21	Hypoxia influences linearly patterned programmed cell necrosis and tumor blood supply patterns formation in melanoma. Laboratory Investigation, 2009, 89, 575-586.	3.7	44
22	Paclitaxel inhibits ovarian tumor growth by inducing epithelial cancer cells to benign fibroblast-like cells. Cancer Letters, 2012, 326, 176-182.	7.2	40
23	Tumor Budding, Micropapillary Pattern, and Polyploidy Giant Cancer Cells in Colorectal Cancer: Current Status and Future Prospects. Stem Cells International, 2016, 2016, 1-8.	2.5	40
24	Epithelial-Mesenchymal Transition Regulated by EphA2 Contributes to Vasculogenic Mimicry Formation of Head and Neck Squamous Cell Carcinoma. BioMed Research International, 2014, 2014, 1-10.	1.9	37
25	Number of Polyploid Giant Cancer Cells and Expression of EZH2 Are Associated with VM Formation and Tumor Grade in Human Ovarian Tumor. BioMed Research International, 2014, 2014, 1-9.	1.9	35
26	Molecular Mechanism of Stem Cell Differentiation into Adipocytes and Adipocyte Differentiation of Malignant Tumor. Stem Cells International, 2020, 2020, 1-16.	2.5	35
27	The role of Î²-catenin in the initiation and metastasis of TA2 mice spontaneous breast cancer. Journal of Cancer, 2017, 8, 2114-2123.	2.5	34
28	Coevolution of neoplastic epithelial cells and multilineage stroma via polyploid giant cells during immortalization and transformation of mullerian epithelial cells. Genes and Cancer, 2016, 7, 60-72.	1.9	34
29	Formation of Polyploid Giant Cancer Cells Involves in the Prognostic Value of Neoadjuvant Chemoradiation in Locally Advanced Rectal Cancer. Journal of Oncology, 2019, 2019, 1-15.	1.3	32
30	Differential expression of decorin, EGFR and cyclin D1 during mammary gland carcinogenesis in TA2 mice with spontaneous breast cancer. Journal of Experimental and Clinical Cancer Research, 2010, 29, 6.	8.6	31
31	Asymmetric Cell Division in Polyploid Giant Cancer Cells and Low Eukaryotic Cells. BioMed Research International, 2014, 2014, 1-8.	1.9	30
32	Generation of erythroid cells from polyploid giant cancer cells: re-thinking about tumor blood supply. Journal of Cancer Research and Clinical Oncology, 2018, 144, 617-627.	2.5	30
33	The role of septin 7 in physiology and pathological disease: A systematic review of current status. Journal of Cellular and Molecular Medicine, 2018, 22, 3298-3307.	3.6	26
34	EMT-related protein expression in polyploid giant cancer cells and their daughter cells with different passages after triptolide treatment. Medical Oncology, 2019, 36, 82.	2.5	25
35	Syncytin 1, CD9, and CD47 regulating cell fusion to form PGCCs associated with cAMP/PKA and JNK signaling pathway. Cancer Medicine, 2019, 8, 3047-3058.	2.8	25
36	Different p53 genotypes regulating different phosphorylation sites and subcellular location of CDC25C associated with the formation of polyploid giant cancer cells. Journal of Experimental and Clinical Cancer Research, 2020, 39, 83.	8.6	25

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37	Morphologic Research of Microcirculation Patterns in Human and Animal Melanoma. Medical Oncology, 2006, 23, 403-410.	2.5	23
38	Clusterin Expression and Univariate Analysis of Overall Survival in Human Breast Cancer. Technology in Cancer Research and Treatment, 2006, 5, 573-578.	1.9	23
39	CK7 expression associates with the location, differentiation, lymph node metastasis, and the Dukes' stage of primary colorectal cancers. Journal of Cancer, 2019, 10, 2510-2519.	2.5	22
40	Association and clinicopathologic significance of p38MAPK-ERK-JNK-CDC25C with polyploid giant cancer cell formation. Medical Oncology, 2020, 37, 6.	2.5	22
41	Molecular Mechanisms by Which S100A4 Regulates the Migration and Invasion of PGCCs With Their Daughter Cells in Human Colorectal Cancer. Frontiers in Oncology, 2020, 10, 182.	2.8	21
42	FGFR2/STAT3 Signaling Pathway Involves in the Development of MMTV-Related Spontaneous Breast Cancer in TA2 Mice. Frontiers in Oncology, 2020, 10, 652.	2.8	19
43	Clusterin is associated with spontaneous breast cancer in TA2 mice. FEBS Letters, 2007, 581, 3277-3282.	2.8	15
44	A pilot study of vasculogenic mimicry immunohistochemical expression in intraocular melanoma model. Oncology Reports, 2009, 21, 989-94.	2.6	15
45	Clinicopathological Significances of Cancer Stem Cell-Associated HHEX Expression in Breast Cancer. Frontiers in Cell and Developmental Biology, 2020, 8, 605744.	3.7	15
46	Cell Fusion-Related Proteins and Signaling Pathways, and Their Roles in the Development and Progression of Cancer. Frontiers in Cell and Developmental Biology, 2021, 9, 809668.	3.7	15
47	Clinicopathological study of 9 cases of prostate cancer involving the rectal wall. Diagnostic Pathology, 2017, 12, 8.	2.0	14
48	Isobaric tags for relative and absolute quantificationâ€based proteomic analysis that reveals the roles of progesterone receptor, inflammation, and fibrosis for slowâ€transit constipation. Journal of Gastroenterology and Hepatology (Australia), 2018, 33, 385-392.	2.8	14
49	Stromal immunoglobulin Î²C expression is associated with initiation of breast cancer in <scp>TA</scp>2 mice and human breast cancer. Cancer Science, 2018, 109, 1825-1833.	3.9	14
50	High Migration and Invasion Ability of PGCCs and Their Daughter Cells Associated With the Nuclear Localization of S100A10 Modified by SUMOylation. Frontiers in Cell and Developmental Biology, 2021, 9, 696871.	3.7	14
51	Arsenic Trioxide Promotes Tumor Progression by Inducing the Formation of PGCCs and Embryonic Hemoglobin in Colon Cancer Cells. Frontiers in Oncology, 2021, 11, 720814.	2.8	14
52	The role of cell division control protein 42 in tumor and non-tumor diseases: A systematic review. Journal of Cancer, 2022, 13, 800-814.	2.5	13
53	Clinical characteristics and preliminary morphological observation of 47 cases of primary anorectal malignant melanomas. Melanoma Research, 2018, 28, 592-599.	1.2	12
54	High urinary excretion rate of glucose attenuates serum uric acid level in type 2 diabetes with normal renal function. Journal of Endocrinological Investigation, 2021, 44, 1981-1988.	3.3	11

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55	Combined treatment with exogenous estradiol and progesterone increases the incidence of breast cancer in TA2 mice without ovaries. Cancer Letters, 2011, 311, 171-176.	7.2	9
56	Bioinformatics analysis of LINC00426 expression in lung cancer and its correlation with patients' prognosis. Thoracic Cancer, 2020, 11, 150-155.	1.9	8
57	Excessive daytime sleepiness with snoring or witnessed apnea is associated with handgrip strength: a population-based study. QJM - Monthly Journal of the Association of Physicians, 2019, 112, 847-853.	0.5	7
58	ORIGINAL ARTICLE: The Effect of High Gravidity on the Carcinogenesis of Mammary Gland in TA2 Mice. American Journal of Reproductive Immunology, 2010, 63, 396-409.	1.2	6
59	Use of highâ€resolution colonic manometry to establish etiology and direct treatment in patients with constipation: Case series with correlation to histology. Journal of Gastroenterology and Hepatology (Australia), 2018, 33, 1864-1872.	2.8	6
60	iTRAQ-based proteomic analysis of DMH-induced colorectal cancer in mice reveals the expressions of Î²-catenin, decorin, septin-7, and S100A10 expression in 53 cases of human hereditary polyposis colorectal cancer. Clinical and Translational Oncology, 2019, 21, 220-231.	2.4	6
61	The Function of SUMOylation and Its Role in the Development of Cancer Cells under Stress Conditions: A Systematic Review. Stem Cells International, 2020, 2020, 1-16.	2.5	6
62	Screening and Prognostic Value of Methylated Septin9 and its Association With Clinicopathological and Molecular Characteristics in Colorectal Cancer. Frontiers in Molecular Biosciences, 2021, 8, 568818.	3.5	6
63	IBRUTINIB WITH RITUXIMAB (IR) AND SHORT COURSE R-HYPERCVAD/MTX IS VERY EFFICACIOUS IN PREVIOUSLY UNTREATED YOUNG PTS WITH MANTLE CELL LYMPHOMA (MCL). Hematological Oncology, 2019, 37, 42-43.	1.7	5
64	Integrated regulation of chondrogenic differentiation in mesenchymal stem cells and differentiation of cancer cells. Cancer Cell International, 2022, 22, 169.	4.1	5
65	The Fecal Microbiota Transplantation: A Remarkable Clinical Therapy for Slow Transit Constipation in Future. Frontiers in Cellular and Infection Microbiology, 2021, 11, 732474.	3.9	4
66	Protective Effect of Sirt1 against Radiation-Induced Damage. Radiation Research, 2021, 196, 647-657.	1.5	3
67	PGCCs Generating Erythrocytes to Form VM Structure Contributes to Tumor Blood Supply. BioMed Research International, 2015, 2015, 1-2.	1.9	2
68	COMBINATION OF IBRUTINIB WITH RITUXIMAB (IR) IS HIGHLY EFFECTIVE IN PREVIOUSLY UNTREATED ELDERLY (>65 YEARS) PATIENTS (PTS) WITH MANTLE CELL LYMPHOMA (MCL) - PHASE II TRIAL. Hematological Oncology, 2019, 37, 42-42.	1.7	1
69	Use of a murine model of NSCLC to evaluate the role of the microRNA-200 family in regulating EMT and metastasis. Journal of Clinical Oncology, 2009, 27, 11006-11006.	1.6	1
70	COMPREHENSIVE ANALYSIS OF PROGNOSTIC FACTORS, OUTCOMES AND MUTATION PROFILE IN PATIENTS WITH AGGRESSIVE HISTOLOGY (BLASTOID/PLEOMORPHIC) OR TRANSFORMED MANTLE CELL LYMPHOMA. Hematological Oncology, 2019, 37, 238-239.	1.7	0
71	The colonic motility and classification of patients with slow transit constipation by high-resolution colonic manometry. Clinics and Research in Hepatology and Gastroenterology, 2022, 46, 101998.	1.5	0