

# Weizhou Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

56  
papers

4,540  
citations

172457

29  
h-index

155660

55  
g-index

58  
all docs

58  
docs citations

58  
times ranked

7900  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tumour-infiltrating regulatory T cells stimulate mammary cancer metastasis through RANKL-RANK signalling. <i>Nature</i> , 2011, 470, 548-553.	27.8	583
2	Twist Transcriptionally Up-regulates AKT2 in Breast Cancer Cells Leading to Increased Migration, Invasion, and Resistance to Paclitaxel. <i>Cancer Research</i> , 2007, 67, 1979-1987.	0.9	506
3	A selective BCL-XL PROTAC degrader achieves safe and potent antitumor activity. <i>Nature Medicine</i> , 2019, 25, 1938-1947.	30.7	348
4	Obesity and cancer: inflammation bridges the two. <i>Current Opinion in Pharmacology</i> , 2016, 29, 77-89.	3.5	266
5	SIRT6 safeguards human mesenchymal stem cells from oxidative stress by coactivating NRF2. <i>Cell Research</i> , 2016, 26, 190-205.	12.0	261
6	Inflammasomes in cancer: a double-edged sword. <i>Protein and Cell</i> , 2014, 5, 12-20.	11.0	221
7	Essential Cytoplasmic Translocation of a Cytokine Receptor-Assembled Signaling Complex. <i>Science</i> , 2008, 321, 663-668.	12.6	199
8	Obesity-associated NLR4 inflammasome activation drives breast cancer progression. <i>Nature Communications</i> , 2016, 7, 13007.	12.8	186
9	Mapping the immune environment in clear cell renal carcinoma by single-cell genomics. <i>Communications Biology</i> , 2021, 4, 122.	4.4	139
10	PTEN deficiency reprogrammes human neural stem cells towards a glioblastoma stem cell-like phenotype. <i>Nature Communications</i> , 2015, 6, 10068.	12.8	122
11	The clinical promise of immunotherapy in triple-negative breast cancer. <i>Cancer Management and Research</i> , 2018, Volume 10, 6823-6833.	1.9	113
12	Regulation of Cancer Cell Survival, Migration, and Invasion by Twist: AKT2 Comes to Interplay. <i>Cancer Research</i> , 2008, 68, 957-960.	0.9	112
13	Advances of AKT Pathway in Human Oncogenesis and as a Target for Anti-Cancer Drug Discovery. <i>Current Cancer Drug Targets</i> , 2008, 8, 2-6.	1.6	103
14	ROR1, an embryonic protein with an emerging role in cancer biology. <i>Protein and Cell</i> , 2014, 5, 496-502.	11.0	99
15	Ubiquitin-conjugating enzyme Ubc13 controls breast cancer metastasis through a TAK1-p38 MAP kinase cascade. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 13870-13875.	7.1	99
16	Obesity-associated inflammation promotes angiogenesis and breast cancer via angiotensin-like 4. <i>Oncogene</i> , 2019, 38, 2351-2363.	5.9	83
17	Single-Cell Profiling of Cutaneous T-Cell Lymphoma Reveals Underlying Heterogeneity Associated with Disease Progression. <i>Clinical Cancer Research</i> , 2019, 25, 2996-3005.	7.0	80
18	Advances of AKT pathway in human oncogenesis and as a target for anti-cancer drug discovery. <i>Current Cancer Drug Targets</i> , 2008, 8, 2-6.	1.6	63

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19	IL-1 Signaling in Tumor Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1240, 1-23.	1.6	60
20	Vitamin C alleviates aging defects in a stem cell model for Werner syndrome. <i>Protein and Cell</i> , 2016, 7, 478-488.	11.0	58
21	Histone demethylase PHF8 promotes epithelial to mesenchymal transition and breast tumorigenesis. <i>Nucleic Acids Research</i> , 2017, 45, 1687-1702.	14.5	58
22	Development of a BCL-xL and BCL-2 dual degrader with improved anti-leukemic activity,. <i>Nature Communications</i> , 2021, 12, 6896.	12.8	56
23	Blockade of the CD93 pathway normalizes tumor vasculature to facilitate drug delivery and immunotherapy. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	54
24	Paracrine WNT5A Signaling Inhibits Expansion of Tumor-Initiating Cells. <i>Cancer Research</i> , 2015, 75, 1972-1982.	0.9	53
25	Visualization of aging-associated chromatin alterations with an engineered TALE system. <i>Cell Research</i> , 2017, 27, 483-504.	12.0	51
26	Obesity and Breast Cancer: A Case of Inflamed Adipose Tissue. <i>Cancers</i> , 2020, 12, 1686.	3.7	50
27	Keeping Tumors in Check: A Mechanistic Review of Clinical Response and Resistance to Immune Checkpoint Blockade in Cancer. <i>Journal of Molecular Biology</i> , 2018, 430, 2014-2029.	4.2	42
28	Genetic enhancement in cultured human adult stem cells conferred by a single nucleotide recoding. <i>Cell Research</i> , 2017, 27, 1178-1181.	12.0	40
29	Updates on Immunotherapy and Immune Landscape in Renal Clear Cell Carcinoma. <i>Cancers</i> , 2021, 13, 5856.	3.7	39
30	CD177 modulates the function and homeostasis of tumor-infiltrating regulatory T cells. <i>Nature Communications</i> , 2021, 12, 5764.	12.8	38
31	Characterization of a novel mouse model with genetic deletion of CD177. <i>Protein and Cell</i> , 2015, 6, 117-126.	11.0	36
32	Proteolysis-targeting chimera against BCL-XL destroys tumor-infiltrating regulatory T cells. <i>Nature Communications</i> , 2021, 12, 1281.	12.8	34
33	TRGAted: A web tool for survival analysis using protein data in the Cancer Genome Atlas.. <i>F1000Research</i> , 2018, 7, 1235.	1.6	30
34	Stabilization of NF- $\kappa$ B-Inducing Kinase Suppresses MLL-AF9-Induced Acute Myeloid Leukemia. <i>Cell Reports</i> , 2018, 22, 350-358.	6.4	28
35	TRGAted: A web tool for survival analysis using protein data in the Cancer Genome Atlas.. <i>F1000Research</i> , 2018, 7, 1235.	1.6	25
36	Bone Marrow Stromal Antigen 2 (BST-2) DNA Is Demethylated in Breast Tumors and Breast Cancer Cells. <i>PLoS ONE</i> , 2015, 10, e0123931.	2.5	20

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37	Re-Evaluating E-Cadherin and $\beta$ -Catenin. <i>American Journal of Pathology</i> , 2018, 188, 1910-1920.	3.8	20
38	Natural and Synthetic Estrogens in Chronic Inflammation and Breast Cancer. <i>Cancers</i> , 2022, 14, 206.	3.7	17
39	Contribution of synergism between PHF8 and HER2 signalling to breast cancer development and drug resistance. <i>EBioMedicine</i> , 2020, 51, 102612.	6.1	16
40	A <i>TFAP2C</i> Gene Signature Is Predictive of Outcome in HER2-Positive Breast Cancer. <i>Molecular Cancer Research</i> , 2020, 18, 46-56.	3.4	15
41	BCL11B is positioned upstream of PLZF and ROR $\gamma$ t to control thymic development of mucosal-associated invariant T cells and MAIT17 program. <i>Science</i> , 2021, 24, 102307.	4.1	15
42	Cancer cell-intrinsic function of CD177 in attenuating $\beta$ -catenin signaling. <i>Oncogene</i> , 2020, 39, 2877-2889.	5.9	11
43	The GPR171 pathway suppresses T cell activation and limits antitumor immunity. <i>Nature Communications</i> , 2021, 12, 5857.	12.8	11
44	Body fatness and mTOR pathway activation of breast cancer in the Women's Circle of Health Study. <i>Npj Breast Cancer</i> , 2020, 6, 45.	5.2	10
45	Breast Cancer Stem Cells: Signaling Pathways, Cellular Interactions, and Therapeutic Implications. <i>Cancers</i> , 2022, 14, 3287.	3.7	10
46	ROR1 Potentiates FGFR Signaling in Basal-Like Breast Cancer. <i>Cancers</i> , 2019, 11, 718.	3.7	9
47	NIAM-Deficient Mice Are Predisposed to the Development of Proliferative Lesions including B-Cell Lymphomas. <i>PLoS ONE</i> , 2014, 9, e112126.	2.5	7
48	Identification of novel TGF- $\beta$ 2 regulated genes with pro-migratory roles. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 165537.	3.8	7
49	Understanding and Targeting Human Cancer Regulatory T Cells to Improve Therapy. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1278, 229-256.	1.6	5
50	Transcriptome analysis of basal and luminal tumor-initiating cells in ErbB2-driven breast cancer. <i>Genomics Data</i> , 2015, 4, 119-122.	1.3	4
51	AP-2 $\beta$ Is Required for Maintenance of Multipotent Mammary Stem Cells. <i>Stem Cell Reports</i> , 2021, 16, 106-119.	4.8	4
52	The Diagnostic Performance of Early Sjögren's Syndrome Autoantibodies in Juvenile Sjögren's Syndrome: The University of Florida Pediatric Cohort Study. <i>Frontiers in Immunology</i> , 2021, 12, 704193.	4.8	4
53	mTOR pathway gene expression in association with race and clinicopathological characteristics in Black and White breast cancer patients. <i>Discover Oncology</i> , 2022, 13, .	2.1	4
54	Off-Target Deletion of Conditional Dbc1 Allele in the Foxp3YFP-Cre Mouse Line under Specific Setting. <i>Cells</i> , 2019, 8, 1309.	4.1	2

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55	Paracrine WNT5A signaling in healthy and neoplastic mammary tissue. <i>Molecular and Cellular Oncology</i> , 2016, 3, e1040145.	0.7	1
56	Body fatness and breast cancer risk in relation to phosphorylated mTOR expression in a sample of predominately Black women. <i>Breast Cancer Research</i> , 2021, 23, 77.	5.0	0