

# Weijie Zhang

## List of Publications by Year in descending order

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68  
papers

3,143  
citations

136950

32  
h-index

161849

54  
g-index

71  
all docs

71  
docs citations

71  
times ranked

4994  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metastasis Organotropism: Redefining the Congenial Soil. <i>Developmental Cell</i> , 2019, 49, 375-391.	7.0	202
2	Run-out analysis of flow-like landslides triggered by the Ms 8.0 2008 Wenchuan earthquake using smoothed particle hydrodynamics. <i>Landslides</i> , 2012, 9, 275-283.	5.4	177
3	MicroRNA-7 Inhibits Epithelial-to-Mesenchymal Transition and Metastasis of Breast Cancer Cells via Targeting FAK Expression. <i>PLoS ONE</i> , 2012, 7, e41523.	2.5	169
4	Gd-metallofullerenol nanomaterial as non-toxic breast cancer stem cell-specific inhibitor. <i>Nature Communications</i> , 2015, 6, 5988.	12.8	164
5	Pivotal Role of Reduced <i>let-7g</i> Expression in Breast Cancer Invasion and Metastasis. <i>Cancer Research</i> , 2011, 71, 6463-6474.	0.9	141
6	Benzothiazole-Based AIEgen with Tunable Excited-State Intramolecular Proton Transfer and Restricted Intramolecular Rotation Processes for Highly Sensitive Physiological pH Sensing. <i>ACS Sensors</i> , 2018, 3, 920-928.	7.8	136
7	The bone microenvironment invigorates metastatic seeds for further dissemination. <i>Cell</i> , 2021, 184, 2471-2486.e20.	28.9	131
8	Identification of miR-26 as a key mediator of estrogen stimulated cell proliferation by targeting CHD1, GREB1 and KPNA2. <i>Breast Cancer Research</i> , 2014, 16, R40.	5.0	98
9	The Osteogenic Niche Is a Calcium Reservoir of Bone Micrometastases and Confers Unexpected Therapeutic Vulnerability. <i>Cancer Cell</i> , 2018, 34, 823-839.e7.	16.8	93
10	NUDT21 negatively regulates PSMB2 and CXXC5 by alternative polyadenylation and contributes to hepatocellular carcinoma suppression. <i>Oncogene</i> , 2018, 37, 4887-4900.	5.9	83
11	Autocrine/Paracrine Human Growth Hormone-stimulated MicroRNA 96-182-183 Cluster Promotes Epithelial-Mesenchymal Transition and Invasion in Breast Cancer. <i>Journal of Biological Chemistry</i> , 2015, 290, 13812-13829.	3.4	79
12	Loss of SNAIL Regulated miR-128-2 on Chromosome 3p22.3 Targets Multiple Stem Cell Factors to Promote Transformation of Mammary Epithelial Cells. <i>Cancer Research</i> , 2012, 72, 6036-6050.	0.9	78
13	Resistance to natural killer cell immunosurveillance confers a selective advantage to polyclonal metastasis. <i>Nature Cancer</i> , 2020, 1, 709-722.	13.2	77
14	Mapping of QTLs detected in a Brassica napus DH population for resistance to Sclerotinia sclerotiorum in multiple environments. <i>Euphytica</i> , 2010, 173, 25-35.	1.2	75
15	MagicWand: A Single, Designed Peptide That Assembles to Stable, Ordered $\alpha$ -Helical Fibers. <i>Biochemistry</i> , 2008, 47, 10365-10371.	2.5	68
16	Bone Metastasis: Find Your Niche and Fit in. <i>Trends in Cancer</i> , 2019, 5, 95-110.	7.4	65
17	The bone microenvironment increases phenotypic plasticity of ER+ breast cancer cells. <i>Developmental Cell</i> , 2021, 56, 1100-1117.e9.	7.0	63
18	CCAR1 5' UTR as a natural miRancer of miR-1254 overrides tamoxifen resistance. <i>Cell Research</i> , 2016, 26, 655-673.	12.0	62

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19	Impact of traditional Chinese medicine treatment on chronic unpredictable mild stress-induced depression-like behaviors: intestinal microbiota and gut microbiome function. <i>Food and Function</i> , 2019, 10, 5886-5897.	4.6	57
20	Phytochemicals from <i>Camellia nitidissima</i> Chi inhibited the formation of advanced glycation end-products by scavenging methylglyoxal. <i>Food Chemistry</i> , 2016, 205, 204-211.	8.2	54
21	pH-Responsive Iron Manganese Silicate Nanoparticles as $T_1$ - $T_2^*$ Dual-Modal Imaging Probes for Tumor Diagnosis. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 5373-5383.	8.0	52
22	Tumor-suppressive miRNA-135a inhibits breast cancer cell proliferation by targeting ELK1 and ELK3 oncogenes. <i>Genes and Genomics</i> , 2018, 40, 243-251.	1.4	49
23	Mn(II) mediated degradation of artemisinin based on $Fe_3O_4@MnSiO_3$ -FA nanospheres for cancer therapy in vivo. <i>Nanoscale</i> , 2015, 7, 12542-12551.	5.6	43
24	Numerical analysis on seepage failures of dike due to water level-up and rainfall using a water-soil-coupled smoothed particle hydrodynamics model. <i>Acta Geotechnica</i> , 2016, 11, 1401-1418.	5.7	43
25	Numerical simulation of flow processes in liquefied soils using a soil-water-coupled smoothed particle hydrodynamics method. <i>Natural Hazards</i> , 2013, 69, 809-827.	3.4	41
26	Amplification of hsa-miR-191/425 locus promotes breast cancer proliferation and metastasis by targeting DICER1. <i>Carcinogenesis</i> , 2018, 39, 1506-1516.	2.8	41
27	Acetylome profiling of <i>Vibrio alginolyticus</i> reveals its role in bacterial virulence. <i>Journal of Proteomics</i> , 2020, 211, 103543.	2.4	39
28	Porous metal-metalloporphyrin gel as catalytic binding pocket for highly efficient synergistic catalysis. <i>Nature Communications</i> , 2019, 10, 1913.	12.8	38
29	Extraction, purification, characterization and antioxidant activity of polysaccharides from Piteguo fruit. <i>Industrial Crops and Products</i> , 2015, 77, 467-475.	5.2	37
30	UDP-glucose 6-dehydrogenase regulates hyaluronic acid production and promotes breast cancer progression. <i>Oncogene</i> , 2020, 39, 3089-3101.	5.9	37
31	Long noncoding RNA Linc00460 promotes breast cancer progression by regulating the miR-489-5p/FGF7/AKT axis. <i>Cancer Management and Research</i> , 2019, Volume 11, 5983-6001.	1.9	35
32	SPH-based numerical simulations of flow slides in municipal solid waste landfills. <i>Waste Management and Research</i> , 2013, 31, 256-264.	3.9	34
33	Post-transcriptional regulation of ERBB2 by miR26a/b and HuR confers resistance to tamoxifen in estrogen receptor-positive breast cancer cells. <i>Journal of Biological Chemistry</i> , 2017, 292, 13551-13564.	3.4	34
34	Flow analysis of liquefied soils based on smoothed particle hydrodynamics. <i>Natural Hazards</i> , 2011, 59, 1547-1560.	3.4	32
35	Protein quality control through endoplasmic reticulum-associated degradation maintains haematopoietic stem cell identity and niche interactions. <i>Nature Cell Biology</i> , 2020, 22, 1162-1169.	10.3	32
36	Human growth hormone and human prolactin function as autocrine/paracrine promoters of progression of hepatocellular carcinoma. <i>Oncotarget</i> , 2016, 7, 29465-29479.	1.8	32

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37	Therapeutic potential of human amniotic membrane-derived mesenchymal stem cells in APP transgenic mice. <i>Oncology Letters</i> , 2016, 12, 1877-1883.	1.8	31
38	Visual simulation of landslide fluidized movement based on smoothed particle hydrodynamics. <i>Natural Hazards</i> , 2011, 59, 1225-1238.	3.4	30
39	Correlation between the expression of DNMT1, and GSTP1 and APC, and the methylation status of GSTP1 and APC in association with their clinical significance in prostate cancer. <i>Molecular Medicine Reports</i> , 2015, 12, 141-146.	2.4	30
40	Loss of Estrogen-Regulated <i>MIR135A1</i> at 3p21.1 Promotes Tamoxifen Resistance in Breast Cancer. <i>Cancer Research</i> , 2018, 78, 4915-4928.	0.9	29
41	Transcriptome profiling reveals key roles of phagosome and NOD-like receptor pathway in spotting diseased <i>Strongylocentrotus intermedius</i> . <i>Fish and Shellfish Immunology</i> , 2019, 84, 521-531.	3.6	27
42	Electrospinning of fucoidan/chitosan/poly(vinyl alcohol) scaffolds for vascular tissue engineering. <i>Fibers and Polymers</i> , 2017, 18, 922-932.	2.1	26
43	Artemin is hypoxia responsive and promotes oncogenicity and increased tumor initiating capacity in hepatocellular carcinoma. <i>Oncotarget</i> , 2016, 7, 3267-3282.	1.8	25
44	Protective effect of curcumin against irinotecan-induced intestinal mucosal injury via attenuation of NF- $\kappa$ B activation, oxidative stress and endoplasmic reticulum stress. <i>International Journal of Oncology</i> , 2019, 54, 1376-1386.	3.3	21
45	Fabrication of doped SmBaCo <sub>2</sub> O <sub>5</sub> + $\lambda$ double perovskites for enhanced solar-driven interfacial evaporation. <i>Ceramics International</i> , 2019, 45, 24903-24908.	4.8	20
46	A Review of the Three-Dimensional Cell Culture Technique: Approaches, Advantages and Applications. <i>Current Stem Cell Research and Therapy</i> , 2016, 11, 370-380.	1.3	20
47	Harnessing the power of antibodies to fight bone metastasis. <i>Science Advances</i> , 2021, 7, .	10.3	18
48	Highly soluble and stable recombinant holo-phycoerythrin alpha subunit expressed in <i>Escherichia coli</i> . <i>Biochemical Engineering Journal</i> , 2009, 48, 58-64.	3.6	16
49	Biosynthesis of fluorescent allophycoerythrin $\lambda$ -subunits by autocatalysis in <i>Escherichia coli</i> . <i>Biotechnology and Applied Biochemistry</i> , 2009, 52, 135.	3.1	16
50	A Photostable AIEgen for Specific and Real-time Monitoring of Lysosomal Processes. <i>Chemistry - an Asian Journal</i> , 2019, 14, 1662-1666.	3.3	16
51	Unique cellular protrusions mediate breast cancer cell migration by tethering to osteogenic cells. <i>Npj Breast Cancer</i> , 2020, 6, 42.	5.2	14
52	Combinational biosynthesis of a fluorescent cyanobacterial holo- $\lambda$ -allophycoerythrin in <i>Escherichia coli</i> . <i>Biotechnology Letters</i> , 2008, 30, 1001-1004.	2.2	13
53	Comparative transcriptome analysis of tube feet of different colors in the sea urchin <i>Strongylocentrotus intermedius</i> . <i>Genes and Genomics</i> , 2017, 39, 1215-1225.	1.4	13
54	Development of a Cross-Linked Polysaccharide of <i>Ligusticum wallichii</i> Squid Skin Collagen Scaffold Fabrication and Property Studies for Tissue-Engineering Applications. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2014, 63, 65-72.	3.4	11

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55	A Wnt-Independent LGR4-EGFR Signaling Axis in Cancer Metastasis. <i>Cancer Research</i> , 2021, 81, 4441-4454.	0.9	11
56	Expression of two non-mutated genetic elements is sufficient to stimulate oncogenic transformation of human mammary epithelial cells. <i>Cell Death and Disease</i> , 2018, 9, 1147.	6.3	10
57	Common variants in ZMIZ1 and near NGF confer risk for primary dysmenorrhoea. <i>Nature Communications</i> , 2017, 8, 14900.	12.8	9
58	ACTN3 is associated with children's physical fitness in Han Chinese. <i>Molecular Genetics and Genomics</i> , 2019, 294, 47-56.	2.1	8
59	Bone Tropism in Cancer Metastases. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2020, 10, a036848.	6.2	8
60	Successful kidney transplantation in highly sensitized patients. <i>Frontiers of Medicine</i> , 2011, 5, 80-85.	3.4	7
61	Preparation of chitosan/pumpkin polysaccharide hydrogel for potential application in drug delivery and tissue engineering. <i>Journal of Porous Materials</i> , 2017, 24, 497-506.	2.6	7
62	Bone-Specific Enhancement of Antibody Therapy for Breast Cancer Metastasis to Bone. <i>ACS Central Science</i> , 2022, 8, 312-321.	11.3	4
63	Endoplasmic Reticulum Stress in Bone Metastases. <i>Frontiers in Oncology</i> , 2020, 10, 1100.	2.8	3
64	Combinational biosynthesis and characterization of a fluorescent 82 <sup>12</sup> -phycoyanin of <i>Spirulina platensis</i> . <i>Science Bulletin</i> , 2012, 57, 3294-3299.	1.7	2
65	Optimization of Microwave-Assisted Extraction of Water-Soluble Polysaccharides from Piteguo Fruit by Response Surface Methodology. <i>Food Science and Technology Research</i> , 2014, 20, 755-764.	0.6	2
66	Mapping bone marrow niches of disseminated tumor cells. <i>Science China Life Sciences</i> , 2017, 60, 1125-1132.	4.9	2
67	The complete mitochondrial genome sequence of the sea urchin <i>Glyptocidaris crenularis</i> and its phylogenetic analysis. <i>Conservation Genetics Resources</i> , 2017, 9, 63-66.	0.8	1
68	Bone as a New Milieu for Disseminated Tumor Cells: An Overview of Bone Metastasis. , 2020, , 78-95.		0