

# Lei Wei

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

2,114  
citations

257450

24  
h-index

243625

44  
g-index

59  
all docs

59  
docs citations

59  
times ranked

3875  
citing authors

#	ARTICLE	IF	CITATIONS
1	CSCD: a database for cancer-specific circular RNAs. <i>Nucleic Acids Research</i> , 2018, 46, D925-D929.	14.5	300
2	CircRNA inhibits DNA damage repair by interacting with host gene. <i>Molecular Cancer</i> , 2020, 19, 128.	19.2	198
3	Novel Insights into the Roles of Rho Kinase in Cancer. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2016, 64, 259-278.	2.3	154
4	Prodigosin inhibits Wnt/ $\beta$ -catenin signaling and exerts anticancer activity in breast cancer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13150-13155.	7.1	151
5	Effect of matrine on HeLa cell adhesion and migration. <i>European Journal of Pharmacology</i> , 2007, 563, 69-76.	3.5	75
6	Betulinic acid protects mice from cadmium chloride-induced toxicity by inhibiting cadmium-induced apoptosis in kidney and liver. <i>Toxicology Letters</i> , 2018, 299, 56-66.	0.8	66
7	Green tea ( $\hat{\alpha}$ )-epigallocatechin-3-gallate down-regulates VASP expression and inhibits breast cancer cell migration and invasion by attenuating Rac1 activity. <i>European Journal of Pharmacology</i> , 2009, 606, 172-179.	3.5	65
8	Analysis of N6-Methyladenosine Methyltransferase Reveals METTL14 and ZC3H13 as Tumor Suppressor Genes in Breast Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 578963.	2.8	64
9	Icariin exerts negative effects on human gastric cancer cell invasion and migration by vasodilator-stimulated phosphoprotein via Rac1 pathway. <i>European Journal of Pharmacology</i> , 2010, 635, 40-48.	3.5	59
10	MicroRNA-610 inhibits the migration and invasion of gastric cancer cells by suppressing the expression of vasodilator-stimulated phosphoprotein. <i>European Journal of Cancer</i> , 2012, 48, 1904-1913.	2.8	51
11	Astragalus Polysaccharide Suppresses Skeletal Muscle Myostatin Expression in Diabetes: Involvement of ROS-ERK and NF- $\kappa$ B Pathways. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-10.	4.0	48
12	Dissecting the Mechanisms of Doxorubicin and Oxidative Stress-Induced Cytotoxicity: The Involvement of Actin Cytoskeleton and ROCK1. <i>PLoS ONE</i> , 2015, 10, e0131763.	2.5	46
13	Effect of Cadmium on Cellular Ultrastructure in Mouse Ovary. <i>Ultrastructural Pathology</i> , 2015, 39, 324-328.	0.9	40
14	Rnd3/RhoE Modulates Hypoxia-Inducible Factor $1\alpha$ /Vascular Endothelial Growth Factor Signaling by Stabilizing Hypoxia-Inducible Factor $1\alpha$ and Regulates Responsive Cardiac Angiogenesis. <i>Hypertension</i> , 2016, 67, 597-605.	2.7	40
15	Disruption of both ROCK1 and ROCK2 genes in cardiomyocytes promotes autophagy and reduces cardiac fibrosis during aging. <i>FASEB Journal</i> , 2019, 33, 7348-7362.	0.5	37
16	MAG12 $\hat{\alpha}$ AS3 inhibits breast cancer by downregulating DNA methylation of MAGI2. <i>Journal of Cellular Physiology</i> , 2021, 236, 1116-1130.	4.1	37
17	Positive regulation of migration and invasion by vasodilator-stimulated phosphoprotein via Rac1 pathway in human breast cancer cells. <i>Oncology Reports</i> , 2008, 20, 929-39.	2.6	37
18	TNF- $\alpha$ Mediated Increase of HIF- $1\alpha$ Inhibits VASP Expression, Which Reduces Alveolar-Capillary Barrier Function during Acute Lung Injury (ALI). <i>PLoS ONE</i> , 2014, 9, e102967.	2.5	36

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19	The Wnt/ $\beta$ -catenin/VASP positive feedback loop drives cell proliferation and migration in breast cancer. <i>Oncogene</i> , 2020, 39, 2258-2274.	5.9	33
20	Matrine inhibits the adhesion and migration of BGC823 gastric cancer cells by affecting the structure and function of the vasodilator-stimulated phosphoprotein (VASP). <i>Acta Pharmacologica Sinica</i> , 2013, 34, 1084-1092.	6.1	30
21	Tumor suppressor berberine binds VASP to inhibit cell migration in basal-like breast cancer. <i>Oncotarget</i> , 2016, 7, 45849-45862.	1.8	30
22	Tumor promoter TPA activates Wnt/ $\beta$ -catenin signaling in a casein kinase 1-dependent manner. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E7522-E7531.	7.1	27
23	HIF-1 $\alpha$ Acts Downstream of TNF- $\alpha$ to Inhibit Vasodilator-Stimulated Phosphoprotein Expression and Modulates the Adhesion and Proliferation of Breast Cancer Cells. <i>DNA and Cell Biology</i> , 2012, 31, 1078-1087.	1.9	26
24	ROCK1 Deficiency Enhances Protective Effects of Antioxidants against Apoptosis and Cell Detachment. <i>PLoS ONE</i> , 2014, 9, e90758.	2.5	26
25	Atorvastatin Inhibits Breast Cancer Cells by Downregulating PTEN/AKT Pathway via Promoting Ras Homolog Family Member B (RhoB). <i>BioMed Research International</i> , 2019, 2019, 1-15.	1.9	26
26	Silencing lncRNA SNHG6 suppresses proliferation and invasion of breast cancer cells through miR-26a/VASP axis. <i>Pathology Research and Practice</i> , 2019, 215, 152575.	2.3	25
27	Histone Demethylase KDM4B Promotes DNA Damage by Activating Long Interspersed Nuclear Element-1. <i>Cancer Research</i> , 2019, 79, 86-98.	0.9	25
28	Disruption of ROCK1 gene restores autophagic flux and mitigates doxorubicin-induced cardiotoxicity. <i>Oncotarget</i> , 2018, 9, 12995-13008.	1.8	25
29	P21-activated kinase 7 (PAK7) interacts with and activates Wnt/ $\beta$ -catenin signaling pathway in breast cancer. <i>Journal of Cancer</i> , 2018, 9, 1821-1835.	2.5	24
30	Hypoxia-Associated Prognostic Markers and Competing Endogenous RNA Co-Expression Networks in Breast Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 579868.	2.8	22
31	Knockdown of RAC1 and VASP gene expression inhibits breast cancer cell migration. <i>Oncology Letters</i> , 2018, 16, 2151-2160.	1.8	20
32	IU1 suppresses proliferation of cervical cancer cells through MDM2 degradation. <i>International Journal of Biological Sciences</i> , 2020, 16, 2951-2963.	6.4	20
33	Upregulated <i>IQUB</i> promotes cell proliferation and migration via activating Akt/ <i>GSK-3<math>\beta</math></i> / $\beta$ -catenin signaling pathway in breast cancer. <i>Cancer Medicine</i> , 2018, 7, 3875-3888.	2.8	18
34	Paclitaxel induces autophagy in gastric cancer BGC823 cells. <i>Ultrastructural Pathology</i> , 2017, 41, 284-290.	0.9	17
35	A novel oncogene TRIM63 promotes cell proliferation and migration via activating Wnt/ $\beta$ -catenin signaling pathway in breast cancer. <i>Pathology Research and Practice</i> , 2019, 215, 152573.	2.3	17
36	Sodium butyrate-induced apoptosis and ultrastructural changes in MCF-7 breast cancer cells. <i>Ultrastructural Pathology</i> , 2016, 40, 200-204.	0.9	15

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37	Novel mononuclear ruthenium(II) complexes as potent and low-toxicity antitumour agents: synthesis, characterization, biological evaluation and mechanism of action. <i>RSC Advances</i> , 2016, 6, 29963-29976.	3.6	15
38	CREB1/Lin28/miR-638/VASP Interactive Network Drives the Development of Breast Cancer. <i>International Journal of Biological Sciences</i> , 2019, 15, 2733-2749.	6.4	15
39	BMX activates Wnt/ $\beta$ -catenin signaling pathway to promote cell proliferation and migration in breast cancer. <i>Breast Cancer</i> , 2020, 27, 363-371.	2.9	14
40	Betulinic acid inhibits cell proliferation and migration in gastric cancer by targeting the NF- $\kappa$ B/VASP pathway. <i>European Journal of Pharmacology</i> , 2020, 889, 173493.	3.5	14
41	Vinpocetine reduces cisplatin-induced acute kidney injury through inhibition of NF- $\kappa$ B pathway and activation of Nrf2/ARE pathway in rats. <i>International Urology and Nephrology</i> , 2020, 52, 1389-1401.	1.4	14
42	Clinical outcomes of dialysis patients with COVID-19 in the initial phase of the COVID-19 outbreak in Wuhan, China. <i>International Urology and Nephrology</i> , 2021, 53, 353-357.	1.4	13
43	Chlorotoxin targets ER $\alpha$ /VASP signaling pathway to combat breast cancer. <i>Cancer Medicine</i> , 2019, 8, 1679-1693.	2.8	11
44	Glycolysis-Related Gene Expression Profiling Screen for Prognostic Risk Signature of Pancreatic Ductal Adenocarcinoma. <i>Frontiers in Genetics</i> , 2021, 12, 639246.	2.3	11
45	Antitumor effects of saikosaponin b2 on breast cancer cell proliferation and migration. <i>Molecular Medicine Reports</i> , 2019, 20, 1943-1951.	2.4	11
46	Ritonavir binds to and downregulates estrogen receptors: Molecular mechanism of promoting early atherosclerosis. <i>Experimental Cell Research</i> , 2014, 327, 318-330.	2.6	10
47	Rho Kinases in Embryonic Development and Stem Cell Research. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2022, 70, 4.	2.3	10
48	Native low density lipoprotein promotes lipid raft formation in macrophages. <i>Molecular Medicine Reports</i> , 2016, 13, 2087-2093.	2.4	9
49	Betulinic acid induces apoptosis and ultrastructural changes in MDA-MB-231 breast cancer cells. <i>Ultrastructural Pathology</i> , 2018, 42, 49-54.	0.9	8
50	IGFLR1 as a Novel Prognostic Biomarker in Clear Cell Renal Cell Cancer Correlating With Immune Infiltrates. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 565173.	3.5	8
51	TNF $\alpha$ inhibits xenograft tumor formation by A549 lung cancer cells in nude mice via the HIF-1 $\alpha$ /VASP signaling pathway. <i>Oncology Reports</i> , 2019, 41, 2418-2430.	2.6	5
52	GMFG Has Potential to Be a Novel Prognostic Marker and Related to Immune Infiltrates in Breast Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 629633.	2.8	5
53	Role of vasodilator-stimulated phosphoprotein in human cytomegalovirus-induced hyperpermeability of human endothelial cells. <i>Experimental and Therapeutic Medicine</i> , 2018, 16, 1295-1303.	1.8	4
54	2010 Riley Heart Center Symposium on Cardiac Development: Cardiomyocyte Injury and Protection. <i>Pediatric Cardiology</i> , 2011, 32, 255-257.	1.3	1

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55	The effects of celecoxib on the proliferation and ultrastructural changes of MDA-MB-231 breast cancer cells. <i>Ultrastructural Pathology</i> , 2018, 42, 289-294.	0.9	1
56	RNA N6-Methyladenosine Regulators Contribute to Tumor Immune Microenvironment and Have Clinical Prognostic Impact in Breast Cancer. <i>Frontiers in Genetics</i> , 2021, 12, 650499.	2.3	1
57	The Role of VASP in Gastric Carcinoma. , 2009, , .		0
58	MicroRNAâ€610: A novel regulator of gastric cancer migration. <i>FASEB Journal</i> , 2012, 26, 905.5.	0.5	0