

# Ling-Zhi Liu

## List of Publications by Year in descending order

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72  
papers

6,798  
citations

81434

41  
h-index

97045

71  
g-index

72  
all docs

72  
docs citations

72  
times ranked

11708  
citing authors

#	ARTICLE	IF	CITATIONS
1	Redox sensitive miR-27a/b/Nrf2 signaling in Cr(VI)-induced carcinogenesis. <i>Science of the Total Environment</i> , 2022, 809, 151118.	3.9	15
2	Label-free and sensitive detection of RNA demethylase FTO with primer generation rolling circle amplification. <i>Chemical Communications</i> , 2022, 58, 1565-1568.	2.2	12
3	Human endothelial cells promote arsenic-transformed lung epithelial cells to induce tumor growth and angiogenesis through interleukin-8 induction. <i>Aging</i> , 2022, 14, 2113-2130.	1.4	6
4	Bsu polymerase-mediated fluorescence coding for rapid and sensitive detection of 8-oxo-7,8-dihydroguanine in telomeres of cancer cells. <i>Talanta</i> , 2022, 243, 123340.	2.9	1
5	Epigenetic alterations of CXCL5 in Cr(VI)-induced carcinogenesis. <i>Science of the Total Environment</i> , 2022, 838, 155713.	3.9	10
6	ROS and miRNA Dysregulation in Ovarian Cancer Development, Angiogenesis and Therapeutic Resistance. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6702.	1.8	15
7	NOX4 Signaling Mediates Cancer Development and Therapeutic Resistance through HER3 in Ovarian Cancer Cells. <i>Cells</i> , 2021, 10, 1647.	1.8	16
8	Dysregulation of microRNAs in metal-induced angiogenesis and carcinogenesis. <i>Seminars in Cancer Biology</i> , 2021, 76, 279-286.	4.3	15
9	TBX15/miR-152/KIF2C pathway regulates breast cancer doxorubicin resistance via promoting PKM2 ubiquitination. <i>Cancer Cell International</i> , 2021, 21, 542.	1.8	18
10	MiRNA-30e downregulation increases cancer cell proliferation, invasion and tumor growth through targeting RPS6KB1. <i>Aging</i> , 2021, 13, 24037-24049.	1.4	9
11	Regulation of MicroRNA-497-Targeting AKT2 Influences Tumor Growth and Chemoresistance to Cisplatin in Lung Cancer. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 840.	1.8	9
12	Arsenic exposure-related hyperglycemia is linked to insulin resistance with concomitant reduction of skeletal muscle mass. <i>Environment International</i> , 2020, 143, 105890.	4.8	24
13	Apigenin Inhibits IL-6 Transcription and Suppresses Esophageal Carcinogenesis. <i>Frontiers in Pharmacology</i> , 2019, 10, 1002.	1.6	35
14	MiR-199a Inhibits Tumor Growth and Attenuates Chemoresistance by Targeting K-RAS via AKT and ERK Signalings. <i>Frontiers in Oncology</i> , 2019, 9, 1071.	1.3	19
15	Arsenic-induced metabolic shift triggered by the loss of miR-199a-5p through Sp1-dependent DNA methylation. <i>Toxicology and Applied Pharmacology</i> , 2019, 378, 114606.	1.3	18
16	Suppression of miR-143 contributes to overexpression of IL-6, HIF-1 $\alpha$ and NF- $\kappa$ B p65 in Cr(VI)-induced human exposure and tumor growth. <i>Toxicology and Applied Pharmacology</i> , 2019, 378, 114603.	1.3	25
17	Obesity-associated inflammation promotes angiogenesis and breast cancer via angiopoietin-like 4. <i>Oncogene</i> , 2019, 38, 2351-2363.	2.6	83
18	Hypoxia-mediated mitochondria apoptosis inhibition induces temozolomide treatment resistance through miR-26a/Bad/Bax axis. <i>Cell Death and Disease</i> , 2018, 9, 1128.	2.7	74

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19	Estrogen-induced miR-196a elevation promotes tumor growth and metastasis via targeting SPRED1 in breast cancer. <i>Molecular Cancer</i> , 2018, 17, 83.	7.9	70
20	IGF-1-mediated PKM2/ $\beta$ -catenin/miR-152 regulatory circuit in breast cancer. <i>Scientific Reports</i> , 2017, 7, 15897.	1.6	31
21	Insulin-like growth factor-I induces chemoresistance to docetaxel by inhibiting miR-143 in human prostate cancer. <i>Oncotarget</i> , 2017, 8, 107157-107166.	0.8	24
22	Estrogen regulates miRNA expression: implication of estrogen receptor and miR-124/AKT2 in tumor growth and angiogenesis. <i>Oncotarget</i> , 2016, 7, 36940-36955.	0.8	41
23	Deficiency of Mkrn2 causes abnormal spermiogenesis and spermiation, and impairs male fertility. <i>Scientific Reports</i> , 2016, 6, 39318.	1.6	21
24	MiRNA-145 increases therapeutic sensibility to gemcitabine treatment of pancreatic adenocarcinoma cells. <i>Oncotarget</i> , 2016, 7, 70857-70868.	0.8	21
25	MicroRNA-497 inhibits tumor growth and increases chemosensitivity to 5-fluorouracil treatment by targeting KSR1. <i>Oncotarget</i> , 2016, 7, 2660-2671.	0.8	45
26	Role and mechanism of miR-222 in arsenic-transformed cells for inducing tumor growth. <i>Oncotarget</i> , 2016, 7, 17805-17814.	0.8	25
27	GSK-3 $\beta$ regulates tumor growth and angiogenesis in human glioma cells. <i>Oncotarget</i> , 2015, 6, 31901-31915.	0.8	38
28	Tungsten Carbide-Cobalt Nanoparticles Induce Reactive Oxygen Species, AKT, ERK, AP-1, NF- $\kappa$ B, VEGF, and Angiogenesis. <i>Biological Trace Element Research</i> , 2015, 166, 57-65.	1.9	31
29	Downregulation of ATG14 by EGR1-MIR152 sensitizes ovarian cancer cells to cisplatin-induced apoptosis by inhibiting cyto-protective autophagy. <i>Autophagy</i> , 2015, 11, 373-384.	4.3	138
30	Insulin Regulates Glucose Consumption and Lactate Production through Reactive Oxygen Species and Pyruvate Kinase M2. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-10.	1.9	33
31	MiR-143 acts as a tumor suppressor by targeting N-RAS and enhances temozolomide-induced apoptosis in glioma. <i>Oncotarget</i> , 2014, 5, 5416-5427.	0.8	125
32	Chronic Arsenic Exposure and Angiogenesis in Human Bronchial Epithelial Cells via the ROS/miR-199a-5p/HIF-1 $\alpha$ /COX-2 Pathway. <i>Environmental Health Perspectives</i> , 2014, 122, 255-261.	2.8	96
33	MiR-124 governs glioma growth and angiogenesis and enhances chemosensitivity by targeting R-Ras and N-Ras. <i>Neuro-Oncology</i> , 2014, 16, 1341-1353.	0.6	120
34	MicroRNA-26a Promotes Tumor Growth and Angiogenesis in Glioma by Directly Targeting Prohibitin. <i>CNS Neuroscience and Therapeutics</i> , 2013, 19, 804-812.	1.9	55
35	A regulatory circuit of miR-148a/152 and DNMT1 in modulating cell transformation and tumor angiogenesis through IGF-1R and IRS1. <i>Journal of Molecular Cell Biology</i> , 2013, 5, 3-13.	1.5	242
36	NADPH oxidase subunit p22 phox-mediated reactive oxygen species contribute to angiogenesis and tumor growth through AKT and ERK1/2 signaling pathways in prostate cancer. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 3375-3385.	1.9	39

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37	Downregulation of miR-145 associated with cancer progression and VEGF transcriptional activation by targeting N-RAS and IRS1. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2013, 1829, 239-247.	0.9	81
38	MicroRNA-143 inhibits tumor growth and angiogenesis and sensitizes chemosensitivity to oxaliplatin in colorectal cancers. <i>Cell Cycle</i> , 2013, 12, 1385-1394.	1.3	143
39	Repression of miR-143 Mediates Cr (VI)-Induced Tumor Angiogenesis via IGF-IR/IRS1/ERK/IL-8 Pathway. <i>Toxicological Sciences</i> , 2013, 134, 26-38.	1.4	73
40	Roles and Mechanism of miR-199a and miR-125b in Tumor Angiogenesis. <i>PLoS ONE</i> , 2013, 8, e56647.	1.1	102
41	Insulin Promotes Glucose Consumption via Regulation of miR-99a/mTOR/PKM2 Pathway. <i>PLoS ONE</i> , 2013, 8, e64924.	1.1	38
42	Oral Administration of Apigenin Inhibits Metastasis through AKT/P70S6K1/MMP-9 Pathway in Orthotopic Ovarian Tumor Model. <i>International Journal of Molecular Sciences</i> , 2012, 13, 7271-7282.	1.8	46
43	MiR-145 inhibits tumor angiogenesis and growth by N-RAS and VEGF. <i>Cell Cycle</i> , 2012, 11, 2137-2145.	1.3	125
44	MiR-145 directly targets p70S6K1 in cancer cells to inhibit tumor growth and angiogenesis. <i>Nucleic Acids Research</i> , 2012, 40, 761-774.	6.5	287
45	Reactive oxygen species regulate ERBB2 and ERBB3 expression via miR-199a/125b and DNA methylation. <i>EMBO Reports</i> , 2012, 13, 1116-1122.	2.0	122
46	Cadmium Increases HIF-1 and VEGF Expression through ROS, ERK, and AKT Signaling Pathways and Induces Malignant Transformation of Human Bronchial Epithelial Cells. <i>Toxicological Sciences</i> , 2012, 125, 10-19.	1.4	182
47	MiR-128 Inhibits Tumor Growth and Angiogenesis by Targeting p70S6K1. <i>PLoS ONE</i> , 2012, 7, e32709.	1.1	137
48	Acacetin inhibits VEGF expression, tumor angiogenesis and growth through AKT/HIF-1 $\alpha$ pathway. <i>Biochemical and Biophysical Research Communications</i> , 2011, 413, 299-305.	1.0	46
49	Arsenite induces cell transformation by reactive oxygen species, AKT, ERK1/2, and p70S6K1. <i>Biochemical and Biophysical Research Communications</i> , 2011, 414, 533-538.	1.0	63
50	Role and Mechanism of Arsenic in Regulating Angiogenesis. <i>PLoS ONE</i> , 2011, 6, e20858.	1.1	62
51	A KLF4-miRNA-206 Autoregulatory Feedback Loop Can Promote or Inhibit Protein Translation Depending upon Cell Context. <i>Molecular and Cellular Biology</i> , 2011, 31, 2513-2527.	1.1	102
52	Analysis of MiR-195 and MiR-497 Expression, Regulation and Role in Breast Cancer. <i>Clinical Cancer Research</i> , 2011, 17, 1722-1730.	3.2	293
53	MiR-21 Induced Angiogenesis through AKT and ERK Activation and HIF-1 $\alpha$ Expression. <i>PLoS ONE</i> , 2011, 6, e19139.	1.1	408
54	Cadmium regulates angiogenesis through AKT, ERK1/2, and HIF-1 $\alpha$ pathways in human lung epithelial cells. <i>FASEB Journal</i> , 2011, 25, .	0.2	0

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55	Regulation of survivin by PI3K/Akt/p70S6K1 pathway. <i>Biochemical and Biophysical Research Communications</i> , 2010, 395, 219-224.	1.0	89
56	P70S6K 1 regulation of angiogenesis through VEGF and HIF-1 $\alpha$ expression. <i>Biochemical and Biophysical Research Communications</i> , 2010, 398, 395-399.	1.0	55
57	Chapter 2 PI3K/PTEN Signaling in Angiogenesis and Tumorigenesis. <i>Advances in Cancer Research</i> , 2009, 102, 19-65.	1.9	469
58	PI3K/PTEN signaling in tumorigenesis and angiogenesis. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2008, 1784, 150-158.	1.1	282
59	Role of mTOR in anticancer drug resistance: Perspectives for improved drug treatment. <i>Drug Resistance Updates</i> , 2008, 11, 63-76.	6.5	215
60	Endothelial p70 S6 Kinase 1 in Regulating Tumor Angiogenesis. <i>Cancer Research</i> , 2008, 68, 8183-8188.	0.4	43
61	AKT Signaling in Regulating Angiogenesis. <i>Current Cancer Drug Targets</i> , 2008, 8, 19-26.	0.8	163
62	Reactive oxygen species regulate insulin-induced VEGF and HIF-1 $\alpha$ expression through the activation of p70S6K1 in human prostate cancer cells. <i>Carcinogenesis</i> , 2007, 28, 28-37.	1.3	88
63	<i>AKT1</i> Amplification Regulates Cisplatin Resistance in Human Lung Cancer Cells through the Mammalian Target of Rapamycin/p70S6K1 Pathway. <i>Cancer Research</i> , 2007, 67, 6325-6332.	0.4	176
64	Benzo[a]pyrene-3,6-dione inhibited VEGF expression through inducing HIF-1 $\alpha$ degradation. <i>Biochemical and Biophysical Research Communications</i> , 2007, 357, 517-523.	1.0	24
65	Mechanism of vascular endothelial growth factor expression mediated by cisplatin in human ovarian cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2007, 358, 92-98.	1.0	17
66	Reactive Oxygen Species Regulate Angiogenesis and Tumor Growth through Vascular Endothelial Growth Factor. <i>Cancer Research</i> , 2007, 67, 10823-10830.	0.4	433
67	Insulin-like growth factor-I induces cyclooxygenase-2 expression via PI3K, MAPK and PKC signaling pathways in human ovarian cancer cells†. <i>Cellular Signalling</i> , 2007, 19, 1542-1553.	1.7	76
68	PI3K/PTEN/AKT signaling regulates prostate tumor angiogenesis. <i>Cellular Signalling</i> , 2007, 19, 2487-2497.	1.7	182
69	Apigenin inhibits tumor angiogenesis through decreasing HIF-1 $\alpha$ and VEGF expression. <i>Carcinogenesis</i> , 2006, 28, 858-864.	1.3	193
70	Reactive oxygen species regulate epidermal growth factor-induced vascular endothelial growth factor and hypoxia-inducible factor-1 $\alpha$ expression through activation of AKT and P70S6K1 in human ovarian cancer cells. <i>Free Radical Biology and Medicine</i> , 2006, 41, 1521-1533.	1.3	202
71	A novel role for 3, 4-dichloropropionanilide (DCPA) in the inhibition of prostate cancer cell migration, proliferation, and hypoxia-inducible factor 1 $\alpha$ expression. <i>BMC Cancer</i> , 2006, 6, 204.	1.1	5
72	Apigenin Inhibits Expression of Vascular Endothelial Growth Factor and Angiogenesis in Human Lung Cancer Cells: Implication of Chemoprevention of Lung Cancer. <i>Molecular Pharmacology</i> , 2005, 68, 635-643.	1.0	177