Qizhan Liu

List of Publications by Year in descending order

75 papers	3,197 citations	117571 34 h-index	168321 53 g-index
78 all docs	78 docs citations	78 times ranked	3836 citing authors

#	Article	IF	Citations
1	STAT3-regulated exosomal miR-21 promotes angiogenesis and is involved in neoplastic processes of transformed human bronchial epithelial cells. Cancer Letters, 2016, 370, 125-135.	3.2	225
2	Long noncoding RNA GAS5 suppresses the migration and invasion of hepatocellular carcinoma cells via miR-21. Tumor Biology, 2016, 37, 2691-2702.	0.8	135
3	Exosomal microRNA-21 derived from bronchial epithelial cells is involved in aberrant epithelium-fibroblast cross-talk in COPD induced by cigarette smoking. Theranostics, 2018, 8, 5419-5433.	4.6	134
4	Exosomal circRNA_100284 from arsenite-transformed cells, via microRNA-217 regulation of EZH2, is involved in the malignant transformation of human hepatic cells by accelerating the cell cycle and promoting cell proliferation. Cell Death and Disease, 2018, 9, 454.	2.7	127
5	Epithelial-mesenchymal transition and cancer stem cells, mediated by a long non-coding RNA, HOTAIR, are involved in cell malignant transformation induced by cigarette smoke extract. Toxicology and Applied Pharmacology, 2015, 282, 9-19.	1.3	119
6	NF-kB-regulated exosomal miR-155 promotes the inflammation associated with arsenite carcinogenesis. Cancer Letters, 2017, 388, 21-33.	3.2	94
7	The lncRNA MALAT1, acting through HIF-1Î± stabilization, enhances arsenite-induced glycolysis in human hepatic L-02 cells. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 1685-1695.	1.8	80
8	NF-Î°B-Mediated Inflammation Leading to EMT via miR-200c Is Involved in Cell Transformation Induced By Cigarette Smoke Extract. Toxicological Sciences, 2013, 135, 265-276.	1.4	78
9	Posttranscriptional silencing of the lncRNA MALAT1 by miR-217 inhibits the epithelialâ€“mesenchymal transition via enhancer of zeste homolog 2 in the malignant transformation of HBE cells induced by cigarette smoke extract. Toxicology and Applied Pharmacology, 2015, 289, 276-285.	1.3	69
10	MicroRNAâ€191, by promoting the EMT and increasing CSCâ€like properties, is involved in neoplastic and metastatic properties of transformed human bronchial epithelial cells. Molecular Carcinogenesis, 2015, 54, E148-61.	1.3	69
11	Circ100284, via miR-217 regulation of EZH2, is involved in the arsenite-accelerated cell cycle of human keratinocytes in carcinogenesis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 753-763.	1.8	69
12	A MALAT1/HIF-2Î± feedback loop contributes to arsenite carcinogenesis. Oncotarget, 2016, 7, 5769-5787.	0.8	69
13	Arsenite evokes IL-6 secretion, autocrine regulation of STAT3 signaling, and miR-21 expression, processes involved in the EMT and malignant transformation of human bronchial epithelial cells. Toxicology and Applied Pharmacology, 2013, 273, 27-34.	1.3	68
14	Epigenetic silencing of miR-218 by the lncRNA CCAT1, acting via BMI1, promotes an altered cell cycle transition in the malignant transformation of HBE cells induced by cigarette smoke extract. Toxicology and Applied Pharmacology, 2016, 304, 30-41.	1.3	64
15	The acquisition of cancer stem cell-like properties and neoplastic transformation of human keratinocytes induced by arsenite involves epigenetic silencing of let-7c via Ras/NF-Î°B. Toxicology Letters, 2014, 227, 91-98.	0.4	55
16	Enhanced glycolysis, regulated by HIF-1Î± via MCT-4, promotes inflammation in arsenite-induced carcinogenesis. Carcinogenesis, 2017, 38, 615-626.	1.3	54
17	Association and risk of five miRNAs with arsenic-induced multiorgan damage. Science of the Total Environment, 2019, 680, 1-9.	3.9	52
18	EMT and CSC-like properties mediated by the IKKÎ²/IÎ°BÎ±/RelA signal pathway via the transcriptional regulator, Snail, are involved in the arsenite-induced neoplastic transformation of human keratinocytes. Archives of Toxicology, 2013, 87, 991-1000.	1.9	51

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19	MicroRNA-21, up-regulated by arsenite, directs the epithelialâ€“mesenchymal transition and enhances the invasive potential of transformed human bronchial epithelial cells by targeting PDCD4. Toxicology Letters, 2015, 232, 301-309.	0.4	50
20	Circ008913,viamiR-889 regulation of DAB2IP/ZEB1, is involved in the arsenite-induced acquisition of CSC-like properties by human keratinocytes in carcinogenesis. Metallomics, 2018, 10, 1328-1338.	1.0	47
21	Evodiamine exerts anti-tumor effects against hepatocellular carcinoma through inhibiting Î²-catenin-mediated angiogenesis. Tumor Biology, 2016, 37, 12791-12803.	0.8	46
22	MicroRNA-218 acts by repressing TNFR1-mediated activation of NF-ÎºB, which is involved in MUC5AC hyper-production and inflammation in smoking-induced bronchiolitis of COPD. Toxicology Letters, 2017, 280, 171-180.	0.4	46
23	Multi-walled carbon nanotubes-induced alterations in microRNA let-7 and its targets activate a protection mechanism by conferring a developmental timing control. Particle and Fibre Toxicology, 2017, 14, 27.	2.8	46
24	The Repressive Effect of NF-ÎºB on p53 by Mot-2 Is Involved in Human Keratinocyte Transformation Induced by Low Levels of Arsenite. Toxicological Sciences, 2010, 116, 174-182.	1.4	45
25	The IL-6/STAT3 pathway via miR-21 is involved in the neoplastic and metastatic properties of arsenite-transformed human keratinocytes. Toxicology Letters, 2015, 237, 191-199.	0.4	44
26	MicroRNA-21 activation of ERK signaling via PTEN is involved in arsenite-induced autophagy in human hepatic L-02 cells. Toxicology Letters, 2016, 252, 1-10.	0.4	44
27	LncRNA H19-mediated M2 polarization of macrophages promotes myofibroblast differentiation in pulmonary fibrosis induced by arsenic exposure. Environmental Pollution, 2021, 268, 115810.	3.7	44
28	EMT and Stem Cell-Like Properties Associated with HIF-2Î± Are Involved in Arsenite-Induced Transformation of Human Bronchial Epithelial Cells. PLoS ONE, 2012, 7, e37765.	1.1	44
29	Involvement of HIF-2Î±-mediated inflammation in arsenite-induced transformation of human bronchial epithelial cells. Toxicology and Applied Pharmacology, 2013, 272, 542-550.	1.3	43
30	Arsenite-induced transgenerational glycometabolism is associated with up-regulation of H3K4me2 via inhibiting spr-5 in caenorhabditis elegans. Toxicology Letters, 2020, 326, 11-17.	0.4	43
31	Epigenetic silencing of microRNA-218 via EZH2-mediated H3K27 trimethylation is involved in malignant transformation of HBE cells induced by cigarette smoke extract. Archives of Toxicology, 2016, 90, 449-461.	1.9	42
32	Identification of interneurons required for the aversive response of Caenorhabditis elegans to graphene oxide. Journal of Nanobiotechnology, 2018, 16, 45.	4.2	39
33	microRNA-21, via the HIF-1Î±/VEGF signaling pathway, is involved in arsenite-induced hepatic fibrosis through aberrant cross-talk of hepatocytes and hepatic stellate cells. Chemosphere, 2021, 266, 129177.	4.2	39
34	Feedback circuitry via let-7c between lncRNA CCAT1 and c-Myc is involved in cigarette smoke extract-induced malignant transformation of HBE cells. Oncotarget, 2017, 8, 19285-19297.	0.8	39
35	Exosomal MALAT1 derived from hepatic cells is involved in the activation of hepatic stellate cells via miRNA-26b in fibrosis induced by arsenite. Toxicology Letters, 2019, 316, 73-84.	0.4	38
36	MicroRNA-191, regulated by HIF-2Î±, is involved in EMT and acquisition of a stem cell-like phenotype in arsenite-transformed human liver epithelial cells. Toxicology in Vitro, 2018, 48, 128-136.	1.1	37

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37	Blockade of p53 by HIF-2Î±, but not HIF-1Î±, is involved in arsenite-induced malignant transformation of human bronchial epithelial cells. Archives of Toxicology, 2012, 86, 947-959.	1.9	36
38	CircLRP6 Regulation of ZEB1 via miR-455 Is Involved in the Epithelial-Mesenchymal Transition During Arsenite-Induced Malignant Transformation of Human Keratinocytes. Toxicological Sciences, 2018, 162, 450-461.	1.4	36
39	Andrographolide antagonizes the cigarette smoke-induced epithelial-mesenchymal transition and pulmonary dysfunction through anti-inflammatory inhibiting HOTAIR. Toxicology, 2019, 422, 84-94.	2.0	36
40	MicroRNA-15b in extracellular vesicles from arsenite-treated macrophages promotes the progression of hepatocellular carcinomas by blocking the LATS1-mediated Hippo pathway. Cancer Letters, 2021, 497, 137-153.	3.2	36
41	NF-ÎºB-regulation of miR-155, via SOCS1/STAT3, is involved in the PM2.5-accelerated cell cycle and proliferation of human bronchial epithelial cells. Toxicology and Applied Pharmacology, 2019, 377, 114616.	1.3	33
42	Wnt/Î²-Catenin Pathway Is Involved in Cadmium-Induced Inhibition of Osteoblast Differentiation of Bone Marrow Mesenchymal Stem Cells. International Journal of Molecular Sciences, 2019, 20, 1519.	1.8	32
43	Epigenetic silencing of p21 by long non-coding RNA HOTAIR is involved in the cell cycle disorder induced by cigarette smoke extract. Toxicology Letters, 2016, 240, 60-67.	0.4	31
44	Circ0061052 regulation of FoxC1/Snail pathway via miR-515-5p is involved in the epithelial-mesenchymal transition of epithelial cells during cigarette smoke-induced airway remodeling. Science of the Total Environment, 2020, 746, 141181.	3.9	31
45	Regulation of gasdermin D by miR-379-5p is involved in arsenite-induced activation of hepatic stellate cells and in fibrosis via secretion of IL-1Î² from human hepatic cells. Metallomics, 2019, 11, 483-495.	1.0	30
46	miRâ€21â€regulated M2 polarization of macrophage is involved in arsenicosisâ€induced hepatic fibrosis through the activation of hepatic stellate cells. Journal of Cellular Physiology, 2021, 236, 6025-6041.	2.0	29
47	Impaired autophagic flux and p62-mediated EMT are involved in arsenite-induced transformation of L-02 cells. Toxicology and Applied Pharmacology, 2017, 334, 75-87.	1.3	28
48	The aberrant cross-talk of epitheliumâ€“macrophages via METTL3-regulated extracellular vesicle miR-93 in smoking-induced emphysema. Cell Biology and Toxicology, 2022, 38, 167-183.	2.4	26
49	The accumulations of HIF-1Î± and HIF-2Î± by JNK and ERK are involved in biphasic effects induced by different levels of arsenite in human bronchial epithelial cells. Toxicology and Applied Pharmacology, 2013, 266, 187-197.	1.3	24
50	Cell cycle changes mediated by the p53/miR-34c axis are involved in the malignant transformation of human bronchial epithelial cells by benzo[a]pyrene. Toxicology Letters, 2014, 225, 275-284.	0.4	24
51	Regulation of lung epithelial cell senescence in smoking-induced COPD/emphysema by microR-125a-5p via Sp1 mediation of SIRT1/HIF-1a. International Journal of Biological Sciences, 2022, 18, 661-674.	2.6	24
52	Ginkgo biloba extract attenuates the disruption of pro-and anti-inflammatory T-cell balance in peripheral blood of arsenicosis patients. International Journal of Biological Sciences, 2020, 16, 483-494.	2.6	22
53	miR-21 in EVs from pulmonary epithelial cells promotes myofibroblast differentiation via glycolysis in arsenic-induced pulmonary fibrosis. Environmental Pollution, 2021, 286, 117259.	3.7	22
54	NFâ€ÎºBâ€regulated miRâ€155, via repression of QKI, contributes to the acquisition of CSCâ€like phenotype during the neoplastic transformation of hepatic cells induced by arsenite. Molecular Carcinogenesis, 2018, 57, 483-493.	1.3	21

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55	Circulating miRNAs and their target genes associated with arsenism caused by coal-burning. Toxicology Research, 2017, 6, 162-172.	0.9	20
56	Involvement of HIF-1Î±-regulated miR-21, acting via the Akt/NF-ÎºB pathway, in malignant transformation of HBE cells induced by cigarette smoke extract. Toxicology Letters, 2018, 289, 14-21.	0.4	20
57	miR-145 via targeting ERCC2 is involved in arsenite-induced DNA damage in human hepatic cells. Toxicology Letters, 2018, 295, 220-228.	0.4	18
58	Assessing the risk of coal-burning arsenic-induced liver damage: a population-based study on hair arsenic and cumulative arsenic. Environmental Science and Pollution Research, 2021, 28, 50489-50499.	2.7	18
59	HIF-2Î±, acting via miR-191, is involved in angiogenesis and metastasis of arsenite-transformed HBE cells. Toxicology Research, 2016, 5, 66-78.	0.9	17
60	MALAT1 via microRNAâ€17 regulation of insulin transcription is involved in the dysfunction of pancreatic Î²â€cells induced by cigarette smoke extract. Journal of Cellular Physiology, 2018, 233, 8862-8873.	2.0	17
61	MircoRNA-143-3p regulating ARL6 is involved in the cadmium-induced inhibition of osteogenic differentiation in human bone marrow mesenchymal stem cells. Toxicology Letters, 2020, 331, 159-166.	0.4	17
62	PKC Î¸-mediated Ca2+/NF-AT signalling pathway may be involved in T-cell immunosuppression in coal-burning arsenic-poisoned population. Environmental Toxicology and Pharmacology, 2017, 55, 44-50.	2.0	16
63	MicroRNA-16, via FGF2 Regulation of the ERK/MAPK Pathway, Is Involved in the Magnesium-Promoted Osteogenic Differentiation of Mesenchymal Stem Cells. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-14.	1.9	15
64	MicroRNA-191 blocking the translocation of GLUT4 is involved in arsenite-induced hepatic insulin resistance through inhibiting the IRS1/AKT pathway. Ecotoxicology and Environmental Safety, 2021, 215, 112130.	2.9	14
65	In type 2 diabetes induced by cigarette smoking, activation of p38 MAPK is involved in pancreatic Î²-cell apoptosis. Environmental Science and Pollution Research, 2018, 25, 9817-9827.	2.7	11
66	MicroRNA-191, acting via the IRS-1/Akt signaling pathway, is involved in the hepatic insulin resistance induced by cigarette smoke extract. Environmental Science and Pollution Research, 2018, 25, 22400-22407.	2.7	11
67	Role of B-Cell Lymphoma 2 Ovarian Killer (BOK) in Acute Toxicity of Human Lung Epithelial Cells Caused by Cadmium Chloride. Medical Science Monitor, 2019, 25, 5356-5368.	0.5	9
68	The ubiquitination and acetylation of histones are associated with male reproductive disorders induced by chronic exposure to arsenite. Toxicology and Applied Pharmacology, 2020, 408, 115253.	1.3	8
69	MicroRNA-21 activation of Akt via PTEN is involved in the epithelialâ€“mesenchymal transition and malignant transformation of human keratinocytes induced by arsenite. Toxicology Research, 2016, 5, 1140-1147.	0.9	7
70	CircRNA_0026344 via miR-21 is involved in cigarette smokeâ€“induced autophagy and apoptosis of alveolar epithelial cells in emphysema. Cell Biology and Toxicology, 2021, , 1.	2.4	7
71	Tumorâ€penetrating peptide fused EGFR singleâ€domain antibody enhances radiation responses following EGFR inhibition in gastric cancer. Oncology Reports, 2018, 40, 1583-1591.	1.2	4
72	Preâ€miRâ€27a rs895819 polymorphism and risk of diffuse large Bâ€cell lymphoma. Journal of Clinical Laboratory Analysis, 2020, 34, e23088.	0.9	4

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73	hOGG1 promoter methylation, hOGG1 genetic variants and their interactions for risk of coal-borne arsenicosis: A case-control study. Environmental Toxicology and Pharmacology, 2020, 75, 103330.	2.0	4
74	Intrauterine exposure of mice to arsenite induces abnormal and transgenerational glycometabolism. Chemosphere, 2022, 294, 133757.	4.2	3
75	Mg-HA-C/C Composites Promote Osteogenic Differentiation and Repair Bone Defects Through Inhibiting miR-16. Frontiers in Bioengineering and Biotechnology, 2022, 10, 838842.	2.0	1