

# Qing Liu

## List of Publications by Year in descending order

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Version: 2024-02-01

108  
papers

3,340  
citations

186265

28  
h-index

182427

51  
g-index

128  
all docs

128  
docs citations

128  
times ranked

5059  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of microbiota on central nervous system and neurological diseases: the gut-brain axis. <i>Journal of Neuroinflammation</i> , 2019, 16, 53.	7.2	446
2	N6-Methyladenosine Modulates Nonsense-Mediated mRNA Decay in Human Glioblastoma. <i>Cancer Research</i> , 2019, 79, 5785-5798.	0.9	181
3	Cancer Stem Cells and Immunosuppressive Microenvironment in Glioma. <i>Frontiers in Immunology</i> , 2018, 9, 2924.	4.8	171
4	MiR-497 <sup>1</sup> / <sub>195</sub> cluster regulates angiogenesis during coupling with osteogenesis by maintaining endothelial Notch and HIF-1 $\alpha$ activity. <i>Nature Communications</i> , 2017, 8, 16003.	12.8	157
5	LncRNA CASC2 Interacts With miR-181a to Modulate Glioma Growth and Resistance to TMZ Through PTEN Pathway. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 1889-1899.	2.6	152
6	LncRNA-XIST interacts with miR-29c to modulate the chemoresistance of glioma cell to TMZ through DNA mismatch repair pathway. <i>Bioscience Reports</i> , 2017, 37, .	2.4	101
7	MiRNA-125a-5p inhibits glioblastoma cell proliferation and promotes cell differentiation by targeting TAZ. <i>Biochemical and Biophysical Research Communications</i> , 2015, 457, 171-176.	2.1	75
8	The lncRNA H19 interacts with miR-140 to modulate glioma growth by targeting iASPP. <i>Archives of Biochemistry and Biophysics</i> , 2016, 610, 1-7.	3.0	74
9	A cytoplasmic long noncoding RNA LINC00470 as a new AKT activator to mediate glioblastoma cell autophagy. <i>Journal of Hematology and Oncology</i> , 2018, 11, 77.	17.0	74
10	MALAT1 promotes osteosarcoma development by targeting TGFA via MIR376A. <i>Oncotarget</i> , 2016, 7, 54733-54743.	1.8	62
11	miR-135b Contributes to the Radioresistance by Targeting GSK3 $\beta$ in Human Glioblastoma Multiforme Cells. <i>PLoS ONE</i> , 2014, 9, e108810.	2.5	54
12	LINC00470 Coordinates the Epigenetic Regulation of ELFN2 to Distract GBM Cell Autophagy. <i>Molecular Therapy</i> , 2018, 26, 2267-2281.	8.2	50
13	Targeting Super-Enhancers as a Therapeutic Strategy for Cancer Treatment. <i>Frontiers in Pharmacology</i> , 2019, 10, 361.	3.5	47
14	Novel Therapy for Glioblastoma Multiforme by Restoring LRRC4 in Tumor Cells: LRRC4 Inhibits Tumor-Infiltrating Regulatory T Cells by Cytokine and Programmed Cell Death 1-Containing Exosomes. <i>Frontiers in Immunology</i> , 2017, 8, 1748.	4.8	45
15	Coagulation Factor X Regulated by CASC2c Recruited Macrophages and Induced M2 Polarization in Glioblastoma Multiforme. <i>Frontiers in Immunology</i> , 2018, 9, 1557.	4.8	45
16	MicroRNA-379 inhibits the proliferation, migration and invasion of human osteosarcoma cells by targeting EIF4G2. <i>Bioscience Reports</i> , 2017, 37, .	2.4	44
17	Neuroprotective and anti-apoptotic effects of valproic acid on adult rat cerebral cortex through ERK and Akt signaling pathway at acute phase of traumatic brain injury. <i>Brain Research</i> , 2014, 1555, 1-9.	2.2	42
18	Interplay of m <sup>6</sup> A and histone modifications contributes to temozolomide resistance in glioblastoma. <i>Clinical and Translational Medicine</i> , 2021, 11, e553.	4.0	39

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19	Hypermethylated gene ANKDD1A is a candidate tumor suppressor that interacts with FIH1 and decreases HIF1 $\alpha$ stability to inhibit cell autophagy in the glioblastoma multiforme hypoxia microenvironment. <i>Oncogene</i> , 2019, 38, 103-119.	5.9	37
20	miR-25 promotes glioblastoma cell proliferation and invasion by directly targeting NEFL. <i>Molecular and Cellular Biochemistry</i> , 2015, 409, 103-111.	3.1	36
21	circCPA4 acts as a prognostic factor and regulates the proliferation and metastasis of glioma. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 6658-6665.	3.6	36
22	miR-29c contribute to glioma cells temozolomide sensitivity by targeting O6-methylguanine-DNA methyltransferases indirectly. <i>Oncotarget</i> , 2016, 7, 50229-50238.	1.8	36
23	Mg <sup>2+</sup> in $\beta$ -TCP/Mg-Zn composite enhances the differentiation of human bone marrow stromal cells into osteoblasts through MAPK $\alpha$ -regulated Runx2/Osx. <i>Journal of Cellular Physiology</i> , 2020, 235, 5182-5191.	4.1	34
24	lncRNA RMST Suppressed GBM Cell Mitophagy through Enhancing FUS SUMOylation. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 19, 1198-1208.	5.1	33
25	Dual-functional scaffolds of poly(L-lactic acid)/nanohydroxyapatite encapsulated with metformin: Simultaneous enhancement of bone repair and bone tumor inhibition. <i>Materials Science and Engineering C</i> , 2021, 120, 111592.	7.3	33
26	miR-342-5p inhibits osteosarcoma cell growth, migration, invasion, and sensitivity to Doxorubicin through targeting Wnt7b. <i>Cell Cycle</i> , 2019, 18, 3325-3336.	2.6	32
27	Knockdown lncRNA CRNDE enhances temozolomide chemosensitivity by regulating autophagy in glioblastoma. <i>Cancer Cell International</i> , 2021, 21, 456.	4.1	32
28	Identification and validation of a three-gene signature as a candidate prognostic biomarker for lower grade glioma. <i>PeerJ</i> , 2020, 8, e8312.	2.0	32
29	miR-200b as a prognostic factor targets multiple members of RAB family in glioma. <i>Medical Oncology</i> , 2014, 31, 859.	2.5	31
30	MiR-96 regulates bone metabolism by targeting osterix. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2018, 45, 602-613.	1.9	31
31	The EGFR-ZNF263 signaling axis silences SIX3 in glioblastoma epigenetically. <i>Oncogene</i> , 2020, 39, 3163-3178.	5.9	31
32	Sevoflurane pretreatment attenuates TNF $\alpha$ -induced human endothelial cell dysfunction through activating eNOS/NO pathway. <i>Biochemical and Biophysical Research Communications</i> , 2015, 460, 879-886.	2.1	30
33	CASC2c as an unfavorable prognosis factor interacts with miR-101 to mediate astrocytoma tumorigenesis. <i>Cell Death and Disease</i> , 2017, 8, e2639-e2639.	6.3	30
34	The Chance of Permanent Cure for Micro- and Macroprolactinomas, Medication or Surgery? A Systematic Review and Meta-Analysis. <i>Frontiers in Endocrinology</i> , 2018, 9, 636.	3.5	30
35	AHNAK as a Prognosis Factor Suppresses the Tumor Progression in Glioma. <i>Journal of Cancer</i> , 2017, 8, 2924-2932.	2.5	29
36	PHF20 collaborates with PARP1 to promote stemness and aggressiveness of neuroblastoma cells through activation of SOX2 and OCT4. <i>Journal of Molecular Cell Biology</i> , 2018, 10, 147-160.	3.3	29

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37	miR-526b-3p serves as a prognostic factor and regulates the proliferation, invasion, and migration of glioma through targeting WEE1. <i>Cancer Management and Research</i> , 2019, Volume 11, 3099-3110.	1.9	29
38	Identification of a Tumor Microenvironment-Related Eight-Gene Signature for Predicting Prognosis in Lower-Grade Gliomas. <i>Frontiers in Genetics</i> , 2019, 10, 1143.	2.3	29
39	miR-485-5p/HSP90 axis blocks Akt1 phosphorylation to suppress osteosarcoma cell proliferation and migration via PI3K/AKT pathway. <i>Journal of Physiology and Biochemistry</i> , 2020, 76, 279-290.	3.0	28
40	Association between high-sensitivity C-reactive protein, lipoprotein-associated phospholipase A2 and carotid atherosclerosis: A cross-sectional study. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 5145-5150.	3.6	26
41	Hsa_circ_0110757 upregulates ITGA1 to facilitate temozolomide resistance in glioma by suppressing hsa-miR-1298-5p. <i>Cell Death and Disease</i> , 2021, 12, 252.	6.3	26
42	SIX3, a tumor suppressor, inhibits astrocytoma tumorigenesis by transcriptional repression of AURKA/B. <i>Journal of Hematology and Oncology</i> , 2017, 10, 115.	17.0	25
43	Overexpression of mitochondrial serine hydroxyl-methyltransferase 2 is associated with poor prognosis and promotes cell proliferation and invasion in gliomas. <i>OncoTargets and Therapy</i> , 2017, Volume 10, 3781-3788.	2.0	25
44	The possible role of insulin-like growth factor-1 in osteosarcoma. <i>Current Problems in Cancer</i> , 2019, 43, 228-235.	2.0	24
45	Angiogenesis Process in Osteosarcoma: An Updated Perspective of Pathophysiology and Therapeutics. <i>American Journal of the Medical Sciences</i> , 2019, 357, 280-288.	1.1	23
46	Intermittent High Glucose Exacerbates A-FABP Activation and Inflammatory Response through TLR4-JNK Signaling in THP-1 Cells. <i>Journal of Immunology Research</i> , 2018, 2018, 1-9.	2.2	22
47	Multidrug Resistant Brain Abscess Due to <i>Acinetobacter baumannii</i> Ventriculitis Cleared by Intraventricular and Intravenous Tigecycline Therapy: A Case Report and Review of Literature. <i>Frontiers in Neurology</i> , 2018, 9, 518.	2.4	22
48	Overexpression of the phospholipase A2 group V gene in glioma tumors is associated with poor patient prognosis. <i>Cancer Management and Research</i> , 2019, Volume 11, 3139-3152.	1.9	22
49	LINC00470 promotes tumour proliferation and invasion, and attenuates chemosensitivity through the LINC00470/miR-134/Myc/ABCC1 axis in glioma. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 12094-12106.	3.6	22
50	Treatment Strategy for Petroclival Meningiomas Based on a Proposed Classification in a Study of 168 Cases. <i>Scientific Reports</i> , 2020, 10, 4655.	3.3	22
51	RNA N6-Methyladenosine Regulator-Mediated Methylation Modifications Pattern and Immune Infiltration Features in Glioblastoma. <i>Frontiers in Oncology</i> , 2021, 11, 632934.	2.8	22
52	Xanthohumol suppresses glioblastoma via modulation of Hexokinase 2-mediated glycolysis. <i>Journal of Cancer</i> , 2020, 11, 4047-4058.	2.5	21
53	Novel proteasome inhibitor ixazomib sensitizes neuroblastoma cells to doxorubicin treatment. <i>Scientific Reports</i> , 2016, 6, 34397.	3.3	20
54	Microsurgical Management of Craniopharyngiomas via a Unilateral Subfrontal Approach: A Retrospective Study of 177 Continuous Cases. <i>World Neurosurgery</i> , 2016, 90, 454-468.	1.3	20

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55	MicroRNA-15a-5p Regulates the Development of Osteoarthritis by Targeting PTHrP in Chondrocytes. <i>BioMed Research International</i> , 2019, 2019, 1-11.	1.9	20
56	Pituitary stalk management during the microsurgery of craniopharyngiomas. <i>Experimental and Therapeutic Medicine</i> , 2014, 7, 1055-1064.	1.8	19
57	Downregulation of dynamin-related protein 1 attenuates glutamate-induced excitotoxicity via regulating mitochondrial function in a calcium dependent manner in HT22 cells. <i>Biochemical and Biophysical Research Communications</i> , 2014, 443, 138-143.	2.1	18
58	Surgical Treatment Options for Giant Cell Tumors of Bone Around the Knee Joint: Extended Curettage or Segmental Resection?. <i>Frontiers in Oncology</i> , 2019, 9, 946.	2.8	18
59	Novel multiple tyrosine kinase inhibitor ponatinib inhibits bFGF-activated signaling in neuroblastoma cells and suppresses neuroblastoma growth in vivo. <i>Oncotarget</i> , 2017, 8, 5874-5884.	1.8	17
60	ASCL1 promotes glioma cell invasion by inducing H3K27Ac enrichment at the IL6 promoter and activating IL6 transcription. <i>FEBS Letters</i> , 2016, 590, 4586-4593.	2.8	16
61	LCTL Is a Prognostic Biomarker and Correlates With Stromal and Immune Infiltration in Gliomas. <i>Frontiers in Oncology</i> , 2019, 9, 1083.	2.8	16
62	Intercalary Allograft to Reconstruct Large-Segment Diaphysis Defects After Resection of Lower Extremity Malignant Bone Tumor. <i>Cancer Management and Research</i> , 2020, Volume 12, 4299-4308.	1.9	16
63	Circular RNA Sequencing Reveals Serum Exosome Circular RNA Panel for High-Grade Astrocytoma Diagnosis. <i>Clinical Chemistry</i> , 2022, 68, 332-343.	3.2	16
64	microRNA cluster MClet-7a1-let-7d promotes autophagy and apoptosis of glioma cells by downregulating STAT3. <i>CNS Neuroscience and Therapeutics</i> , 2020, 26, 319-331.	3.9	15
65	Transcriptional repression of FOXO1 by KLF4 contributes to glioma progression. <i>Oncotarget</i> , 2016, 7, 81757-81767.	1.8	15
66	Valproic Acid Protects Primary Dopamine Neurons from MPP <sup>+</sup> -Induced Neurotoxicity: Involvement of GSK3 <sup>β</sup> Phosphorylation by Akt and ERK through the Mitochondrial Intrinsic Apoptotic Pathway. <i>BioMed Research International</i> , 2017, 2017, 1-12.	1.9	14
67	The long noncoding RNA NKILA protects against myocardial ischaemic injury by enhancing myocardin expression via suppressing the NF- $\kappa$ B signalling pathway. <i>Experimental Cell Research</i> , 2020, 387, 111774.	2.6	14
68	How to optimize the therapeutic effect of free autogenous fibula graft and wrist arthroplasty for giant cell tumors of distal radius?. <i>Japanese Journal of Clinical Oncology</i> , 2019, 49, 656-663.	1.3	13
69	Adiponectin receptor agonist AdipoRon attenuates calcification of osteoarthritis chondrocytes by promoting autophagy. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 3333-3344.	2.6	13
70	Prognostic value and immune cell infiltration of hypoxic phenotype-related gene signatures in glioblastoma microenvironment. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 13235-13247.	3.6	12
71	Leucine-rich repeat containing 4 act as an autophagy inhibitor that restores sensitivity of glioblastoma to temozolomide. <i>Oncogene</i> , 2020, 39, 4551-4566.	5.9	12
72	Association of global DNA hypomethylation with postoperative cognitive dysfunction in elderly patients undergoing hip surgery. <i>Acta Anaesthesiologica Scandinavica</i> , 2020, 64, 354-360.	1.6	11

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73	PDIA4 Correlates with Poor Prognosis and is a Potential Biomarker in Glioma. <i>OncoTargets and Therapy</i> , 2021, Volume 14, 125-138.	2.0	11
74	A DSTYK mutation activates ERK1/2 signaling to promote intraspinal dissemination in a case of solitary fibrous tumor/hemangiopericytoma. <i>Laboratory Investigation</i> , 2019, 99, 1501-1514.	3.7	10
75	Optimal surgical approaches and treatment outcomes in patients with jugular foramen schwannomas: a single institution series of 31 cases and a literature review. <i>Neurosurgical Review</i> , 2020, 43, 1339-1350.	2.4	10
76	MBD2 mediates renal cell apoptosis via activation of Tox4 during rhabdomyolysis-induced acute kidney injury. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 4562-4571.	3.6	10
77	Dendritic cell vaccination enhances antiangiogenesis induced by endostatin in rat glioma. <i>Journal of Cancer Research and Therapeutics</i> , 2016, 12, 198.	0.9	9
78	Lumbar intraspinal microcystic/reticular schwannoma. <i>Medicine (United States)</i> , 2018, 97, e12474.	1.0	8
79	Osteopontin inhibits osteoarthritis progression via the OPN/CD44/PI3K signal axis. <i>Genes and Diseases</i> , 2020, 9, 128-139.	3.4	8
80	Novel Expression of EGFL7 in Osteosarcoma and Sensitivity to Cisplatin. <i>Frontiers in Oncology</i> , 2020, 10, 74.	2.8	8
81	Brain-invasive meningiomas: molecular mechanisms and potential therapeutic options. <i>Brain Tumor Pathology</i> , 2021, 38, 156-172.	1.7	8
82	LRRC4 mediates the formation of circular RNA CD44 to inhibit GBM cell proliferation. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 26, 473-487.	5.1	8
83	Mechanistic Insight on the Interaction between OPN and Integrin $\alpha 2 \beta 3$ in Osteoarthritis. <i>BioMed Research International</i> , 2020, 2020, 1-11.	1.9	7
84	Regulatory landscape and clinical implication of MBD3 in human malignant glioma. <i>Oncotarget</i> , 2016, 7, 81698-81714.	1.8	7
85	Identification and validation of microRNAs and their targets expressed in osteosarcoma. <i>Oncology Letters</i> , 2019, 18, 5628-5636.	1.8	7
86	A brain-specific isoform of apoptosis-inducing factor 2 attenuates ischemia-induced oxidative stress in HT22 cells. <i>Neurochemistry International</i> , 2018, 112, 179-186.	3.8	6
87	Current Advances and Future Perspectives of Cerebrospinal Fluid Biopsy in Midline Brain Malignancies. <i>Current Treatment Options in Oncology</i> , 2019, 20, 88.	3.0	6
88	PHF20 Promotes Glioblastoma Cell Malignancies Through a WISP1/BGN-Dependent Pathway. <i>Frontiers in Oncology</i> , 2020, 10, 573318.	2.8	6
89	Active unicameral bone cysts: control firstly, cure secondly. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 275.	2.3	5
90	Have the difficulties and complications of surgical treatment for chondroblastoma of the adjoining knee joint been overestimated?. <i>Journal of Bone Oncology</i> , 2019, 17, 100240.	2.4	5

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91	Multidisciplinary Therapy Managed Recurrent Glioblastoma in a BRAF-V600E Mutant Pregnant Female: A Case Report and Review of the Literature. <i>Frontiers in Oncology</i> , 2020, 10, 522816.	2.8	5
92	Identification of a circRNA-miRNA-mRNA regulatory network for exploring novel therapeutic options for glioma. <i>PeerJ</i> , 2021, 9, e11894.	2.0	5
93	LINC00152 acts as a potential marker in gliomas and promotes tumor proliferation and invasion through the LINC00152/miR-107/RAB10 axis. <i>Journal of Neuro-Oncology</i> , 2021, 154, 285-299.	2.9	5
94	Novel Molecular Hallmarks of Group 3 Medulloblastoma by Single-Cell Transcriptomics. <i>Frontiers in Oncology</i> , 2021, 11, 622430.	2.8	4
95	Pretemporal Transcavernous Approach for Resection of Non-meningeal Tumors of the Cavernous Sinus: Single Center Experience. <i>Frontiers in Surgery</i> , 2022, 9, 810606.	1.4	4
96	Surgical Management of Tentorial Notch Meningioma Guided by Further Classification: A Consecutive Study of 53 Clinical Cases. <i>Frontiers in Oncology</i> , 2020, 10, 609056.	2.8	3
97	UBE2R2-AS1 Inhibits Xenograft Growth in Nude Mice and Correlates with a Positive Prognosis in Glioma. <i>Journal of Molecular Neuroscience</i> , 2021, 71, 1605-1613.	2.3	3
98	LncRNA expression profile analysis of Mg <sup>2+</sup> -induced osteogenesis by RNA-seq and bioinformatics. <i>Genes and Genomics</i> , 2021, 43, 1247-1257.	1.4	3
99	KINET: A Non-Invasive Method For Predicting Ki67 Index Of Glioma. , 2021, , .		3
100	Microscopic surgery for pituitary adenomas to preserve the pituitary gland and stalk. <i>Experimental and Therapeutic Medicine</i> , 2017, 13, 1011-1016.	1.8	2
101	Effect of ligandreceptor interaction of osteopontinCD44 on the expression of hyaluronic acid in human knee osteoarthritic chondrocytes in vitro. <i>Journal of Central South University (Medical)</i> Tj ETQq1 1 0.784314.igBT /Overlock 10		
102	The Inhibitory Effect of miR-345 on Glioma Progression Is Closely Related to circRNA-hsa_circ_0073237 and HDGF. <i>Cells Tissues Organs</i> , 2021, 210, 368-379.	2.3	1
103	The Role of Radiotherapy in Soft Tissue Sarcoma on Extremities With Lymph Nodes Metastasis: An IPTW Propensity Score Analysis of the SEER Database. <i>Frontiers in Oncology</i> , 2021, 11, 751180.	2.8	1
104	Efficacy of the Suboccipital Paracondylar-Lateral Cervical Approach: The Series of 64 Jugular Foramen Tumors Along With Follow-Up Data. <i>Frontiers in Oncology</i> , 2021, 11, 660487.	2.8	1
105	Decompressive craniectomy can improve the recovery of neurological function, daily living ability and life quality of patients with intracerebral hemorrhage after surgery. <i>American Journal of Translational Research (discontinued)</i> , 2021, 13, 11364-11374.	0.0	1
106	Comparative Analysis of Two Surgical Treatment Options for Giant Cell Tumor of the Proximal Femur: Extended Curettage and Segmental Resection. <i>Frontiers in Oncology</i> , 2021, 11, 771863.	2.8	1
107	Biological function of protein tyrosine phosphatase H-type receptor and its progress in tumor. <i>Journal of Central South University (Medical Sciences)</i> , 2020, 45, 61-67.	0.1	1
108	Individualized Cerebral Artery Protection Strategies for the Surgical Treatment of Parasellar Meningiomas on the Basis of Preoperative Imaging. <i>Frontiers in Oncology</i> , 2021, 11, 771431.	2.8	0