

Exciting New Advances in Neuro-Oncology: The Avenue

Ca-A Cancer Journal for Clinicians

60, 166-193

DOI: [10.3322/caac.20069](https://doi.org/10.3322/caac.20069)

Citation Report

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | EGFRvIII Antibody- ⁶⁴ Conjugated Iron Oxide Nanoparticles for Magnetic Resonance Imaging- ⁶⁴ Guided Convection-Enhanced Delivery and Targeted Therapy of Glioblastoma. <i>Cancer Research</i> , 2010, 70, 6303-6312. | 0.4 | 377 |
| 2 | Analysis of hydrophilic and lipophilic choline compounds in radioresistant and radiosensitive glioblastoma cell lines by HILIC-ESI-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 2723-2730. | 1.9 | 15 |
| 3 | Interruption of β -catenin suppresses the EGFR pathway by blocking multiple oncogenic targets in human glioma cells. <i>Brain Research</i> , 2010, 1366, 27-37. | 1.1 | 88 |
| 4 | Diagnosis, treatment, and prognosis of glioma. <i>Neurology</i> , 2010, 75, S28-32. | 1.5 | 93 |
| 5 | Metzincin Proteases and Their Inhibitors: Foes or Friends in Nervous System Physiology?. <i>Journal of Neuroscience</i> , 2010, 30, 15337-15357. | 1.7 | 204 |
| 6 | Targeted Toxins in Brain Tumor Therapy. <i>Toxins</i> , 2010, 2, 2645-2662. | 1.5 | 41 |
| 7 | Current and emerging molecular targets in glioma. <i>Expert Review of Anticancer Therapy</i> , 2010, 10, 1735-1751. | 1.1 | 31 |
| 8 | Taking aim at Mer and Axl receptor tyrosine kinases as novel therapeutic targets in solid tumors. <i>Expert Opinion on Therapeutic Targets</i> , 2010, 14, 1073-1090. | 1.5 | 140 |
| 9 | Therapy and prophylaxis of brain metastases. <i>Expert Review of Anticancer Therapy</i> , 2010, 10, 1763-1777. | 1.1 | 40 |
| 11 | Animal models for glioma drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2011, 6, 1271-1283. | 2.5 | 15 |
| 12 | Monoclonal antibodies and antibody fragments: state of the art and future perspectives in the treatment of non-haematological tumors. <i>Expert Opinion on Biological Therapy</i> , 2011, 11, 1433-1445. | 1.4 | 15 |
| 13 | Integrative, Multimodal Analysis of Glioblastoma Using TCGA Molecular Data, Pathology Images, and Clinical Outcomes. <i>IEEE Transactions on Biomedical Engineering</i> , 2011, 58, 3469-3474. | 2.5 | 57 |
| 14 | Evolution of care for patients with relapsed glioblastoma. <i>Expert Review of Anticancer Therapy</i> , 2011, 11, 1719-1729. | 1.1 | 6 |
| 15 | Intraoperative confocal microscopy in the visualization of 5-aminolevulinic acid fluorescence in low-grade gliomas. <i>Journal of Neurosurgery</i> , 2011, 115, 740-748. | 0.9 | 188 |
| 17 | Molecular Alterations in Glioblastoma. <i>Progress in Molecular Biology and Translational Science</i> , 2011, 98, 187-234. | 0.9 | 28 |
| 18 | Bright solitary waves in malignant gliomas. <i>Physical Review E</i> , 2011, 84, 021921. | 0.8 | 41 |
| 19 | Calcium dependence of purinergic subtype P2Y1 receptor modulation of C6 glioma cell migration. <i>Neuroscience Letters</i> , 2011, 497, 80-84. | 1.0 | 9 |
| 20 | Notch1 expression is upregulated in glioma and is associated with tumor progression. <i>Journal of Clinical Neuroscience</i> , 2011, 18, 387-390. | 0.8 | 37 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 21 | Inactivation of ataxia telangiectasia mutated gene can increase intracellular reactive oxygen species levels and alter radiation-induced cell death pathways in human glioma cells. <i>International Journal of Radiation Biology</i> , 2011, 87, 432-442. | 1.0 | 12 |
| 22 | Treatment of recurrent high-grade gliomas. <i>Community Oncology</i> , 2011, 8, 171-177. | 0.2 | 0 |
| 23 | Impact of PARP-1 and DNA-PK expression on survival in patients with glioblastoma multiforme. <i>Radiotherapy and Oncology</i> , 2011, 101, 127-131. | 0.3 | 30 |
| 24 | The Role of Isocitrate Dehydrogenase Mutations in Glioma Brain Tumors. , 0, , . | | 2 |
| 25 | Evolution of Molecular Biomarkers in Targeted Therapy of Malignant Gliomas. , 2011, , . | | 1 |
| 26 | Migration and Invasion of Brain Tumors. , 0, , . | | 0 |
| 27 | Genetics and Biology of Glioblastoma Multiforme. , 2011, , . | | 2 |
| 28 | Novel Pharmacological and Magnetic Resonance Strategies to Enhance Boron Neutron Capture Therapy (BNCT) Efficacy in the Clinical Treatment of Malignant Glioma. , 0, , . | | 1 |
| 29 | Novel Perspectives on p53 Function in Neural Stem Cells and Brain Tumors. <i>Journal of Oncology</i> , 2011, 2011, 1-11. | 0.6 | 27 |
| 30 | Glioblastoma Multiforme: Enhancing Survival and Quality of Life. <i>Clinical Journal of Oncology Nursing</i> , 2011, 15, 291-297. | 0.3 | 29 |
| 31 | Overview and recent advances in neuropathology. Part 1: Central nervous system tumours. <i>Pathology</i> , 2011, 43, 88-92. | 0.3 | 14 |
| 32 | A Concerted HIF-1 α /MT1-MMP Signalling Axis Regulates the Expression of the 3BP2 Adaptor Protein in Hypoxic Mesenchymal Stromal Cells. <i>PLoS ONE</i> , 2011, 6, e21511. | 1.1 | 34 |
| 33 | Induction of Immune Mediators in Glioma and Prostate Cancer Cells by Non-Lethal Photodynamic Therapy. <i>PLoS ONE</i> , 2011, 6, e21834. | 1.1 | 45 |
| 34 | The Accuracy of Survival Time Prediction for Patients with Glioma Is Improved by Measuring Mitotic Spindle Checkpoint Gene Expression. <i>PLoS ONE</i> , 2011, 6, e25631. | 1.1 | 51 |
| 35 | New developments in surgery of malignant gliomas. <i>Radiology and Oncology</i> , 2011, 45, 159-65. | 0.6 | 10 |
| 36 | Chemosensitization of glioblastoma cells by the histone deacetylase inhibitor MS275. <i>Anti-Cancer Drugs</i> , 2011, 22, 494-499. | 0.7 | 31 |
| 37 | Surgery of malignant gliomas. <i>Current Opinion in Oncology</i> , 2011, 23, 624-629. | 1.1 | 16 |
| 38 | Cell Surface Receptors in Malignant Glioma. <i>Neurosurgery</i> , 2011, 69, 980-994. | 0.6 | 7 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 39 | Effective inhibition of irradiation on human gliomas growth in vitro and in vivo after epidermal growth factor receptor silencing with RNA interference. <i>NeuroReport</i> , 2011, 22, 773-777. | 0.6 | 2 |
| 40 | Effect of temozolomide on the U-118 glioma cell line. <i>Oncology Letters</i> , 2011, 2, 1165-1170. | 0.8 | 49 |
| 41 | MicroRNA miR-451 downregulates the PI3K/AKT pathway through CAB39 in human glioma. <i>International Journal of Oncology</i> , 2012, 40, 1105-12. | 1.4 | 85 |
| 42 | Selective enrichment of hypericin in malignant glioma: Pioneering in vivo results. <i>International Journal of Oncology</i> , 2011, 38, 1343-8. | 1.4 | 19 |
| 43 | Childhood brain tumours due to germline bi-allelic mismatch repair gene mutations. <i>Clinical Genetics</i> , 2011, 80, 243-255. | 1.0 | 25 |
| 44 | Amplification of the PDGFRA, KIT and KDR genes in glioblastoma: a population-based study. <i>Neuropathology</i> , 2011, 31, 583-588. | 0.7 | 36 |
| 45 | Pro-apoptotic role of integrin $\beta 3$ in glioma cells. <i>Journal of Neurochemistry</i> , 2011, 117, 494-503. | 2.1 | 17 |
| 46 | Current and Future Clinical Applications for Optical Imaging of Cancer: From Intraoperative Surgical Guidance to Cancer Screening. <i>Seminars in Oncology</i> , 2011, 38, 109-118. | 0.8 | 82 |
| 47 | Molecular Heterogeneity in Glioblastoma: Therapeutic Opportunities and Challenges. <i>Seminars in Oncology</i> , 2011, 38, 243-253. | 0.8 | 69 |
| 48 | Association of elevated GRP78 expression with increased astrocytoma malignancy via Akt and ERK pathways. <i>Brain Research</i> , 2011, 1371, 23-31. | 1.1 | 45 |
| 49 | O6-methylguanine DNA methyltransferase gene promoter methylation status in glioblastoma and its correlation with other prognostic markers. <i>Molecular and Cellular Toxicology</i> , 2011, 7, 425-430. | 0.8 | 1 |
| 50 | Improving the transport of chemotherapeutic drugs across the blood-brain barrier. <i>Expert Review of Clinical Pharmacology</i> , 2011, 4, 477-490. | 1.3 | 24 |
| 51 | Inhibition of cathepsin L lowers the apoptotic threshold of glioblastoma cells by up-regulating p53 and transcription of caspases 3 and 7. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2011, 16, 671-682. | 2.2 | 34 |
| 52 | Contribution of decreased expression of Ku70 to enhanced radiosensitivity by sodium butyrate in glioblastoma cell line (U251). <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2011, 31, 359-364. | 1.0 | 6 |
| 53 | A genetic variant in the APE1/Ref-1 gene promoter -141T/G may modulate risk of glioblastoma in a Chinese Han population. <i>BMC Cancer</i> , 2011, 11, 104. | 1.1 | 16 |
| 54 | Notch1 is an independent prognostic factor for patients with glioma. <i>Journal of Surgical Oncology</i> , 2011, 103, 813-817. | 0.8 | 38 |
| 55 | Everolimus tablets for patients with subependymal giant cell astrocytoma. <i>Expert Opinion on Pharmacotherapy</i> , 2011, 12, 2265-2269. | 0.9 | 10 |
| 56 | Antitumor effect of aspirin in glioblastoma cells by modulation of β -catenin/T-cell factor-mediated transcriptional activity. <i>Journal of Neurosurgery</i> , 2011, 115, 780-788. | 0.9 | 26 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 57 | Preclinical drug development for childhood cancer. <i>Expert Opinion on Drug Discovery</i> , 2011, 6, 49-64. | 2.5 | 8 |
| 58 | Combined fluorescence and reflectance spectroscopy for in vivo quantification of cancer biomarkers in low- and high-grade glioma surgery. <i>Journal of Biomedical Optics</i> , 2011, 16, 116007. | 1.4 | 112 |
| 59 | Bevacizumab for the Treatment of Recurrent Glioblastoma. <i>Clinical Medicine Insights: Oncology</i> , 2011, 5, CMO.S7232. | 0.6 | 113 |
| 60 | Genetics of Glioblastoma: A Window into Its Imaging and Histopathologic Variability. <i>Radiographics</i> , 2011, 31, 1717-1740. | 1.4 | 49 |
| 61 | A magnifying glass on glioblastoma stem cell signaling pathways. <i>Cancer Biology and Therapy</i> , 2011, 11, 765-768. | 1.5 | 3 |
| 62 | Therapeutical doses of temozolomide do not impair the function of dendritic cells and CD8+ T cells. <i>International Journal of Oncology</i> , 2012, 40, 764-72. | 1.4 | 6 |
| 63 | Delivery of molecularly targeted therapy to malignant glioma, a disease of the whole brain. <i>Expert Reviews in Molecular Medicine</i> , 2011, 13, e17. | 1.6 | 266 |
| 64 | MAP Kinase-Interacting Kinase 1 Regulates SMAD2-Dependent TGF- β 2 Signaling Pathway in Human Glioblastoma. <i>Cancer Research</i> , 2011, 71, 2392-2402. | 0.4 | 135 |
| 65 | A promising cancer vaccine. <i>Future Oncology</i> , 2011, 7, 331-334. | 1.1 | 1 |
| 66 | Proteomics of gliomas: Initial biomarker discovery and evolution of technology. <i>Neuro-Oncology</i> , 2011, 13, 926-942. | 0.6 | 84 |
| 67 | Current Review of <i>in Vivo</i> GBM Rodent Models: Emphasis on the CNS-1 Tumour Model. <i>ASN Neuro</i> , 2011, 3, AN20110014. | 1.5 | 194 |
| 68 | Aberrant Signaling Pathways in Glioma. <i>Cancers</i> , 2011, 3, 3242-3278. | 1.7 | 178 |
| 69 | Simulating Radiotherapy Effect in High-Grade Glioma by Using Diffusive Modeling and Brain Atlases. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-9. | 3.0 | 20 |
| 70 | Matrix Metalloproteinase-9 Expression is Increased in Astrocytic Glioma and Associated with Prognosis of Patients. <i>Japanese Journal of Clinical Oncology</i> , 2012, 42, 1060-1065. | 0.6 | 11 |
| 71 | MARCKS Regulates Growth and Radiation Sensitivity and Is a Novel Prognostic Factor for Glioma. <i>Clinical Cancer Research</i> , 2012, 18, 3030-3041. | 3.2 | 46 |
| 72 | Expression of podoplanin in human astrocytic brain tumors is controlled by the PI3K-AKT-AP-1 signaling pathway and promoter methylation. <i>Neuro-Oncology</i> , 2012, 14, 426-439. | 0.6 | 55 |
| 73 | The Putative Tumor Suppressor miR-524-5p Directly Targets Jagged-1 and Hes-1 in Glioma. <i>Carcinogenesis</i> , 2012, 33, 2276-2282. | 1.3 | 71 |
| 74 | Oncolytic Virus Therapy for Glioblastoma Multiforme. <i>Cancer Journal (Sudbury, Mass)</i> , 2012, 18, 69-81. | 1.0 | 175 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 75 | STAT3 Inhibition Overcomes Temozolomide Resistance in Glioblastoma by Downregulating MGMT Expression. <i>Molecular Cancer Therapeutics</i> , 2012, 11, 1289-1299. | 1.9 | 159 |
| 76 | Glioblastoma Cancer Stem-Like Cells. <i>Cancer Journal (Sudbury, Mass)</i> , 2012, 18, 100-106. | 1.0 | 51 |
| 77 | Integrative functional genomics identifies RINT1 as a novel GBM oncogene. <i>Neuro-Oncology</i> , 2012, 14, 1325-1331. | 0.6 | 14 |
| 78 | Fine mapping analysis of a region of 20q13.33 identified five independent susceptibility loci for glioma in a Chinese Han population. <i>Carcinogenesis</i> , 2012, 33, 1065-1071. | 1.3 | 24 |
| 79 | Hepatocyte growth factor (HGF) autocrine activation predicts sensitivity to MET inhibition in glioblastoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 570-575. | 3.3 | 113 |
| 80 | Targeted Therapy for Brain Tumours: Role of PARP Inhibitors. <i>Current Cancer Drug Targets</i> , 2012, 12, 218-236. | 0.8 | 23 |
| 81 | PDGF and PDGF receptors in glioma. <i>Upsala Journal of Medical Sciences</i> , 2012, 117, 99-112. | 0.4 | 142 |
| 82 | The fox and the fat. <i>Cell Cycle</i> , 2012, 11, 3353-3353. | 1.3 | 4 |
| 83 | VHL regulates the effects of miR-23b on glioma survival and invasion via suppression of HIF-1 α /VEGF and β -catenin/Tcf-4 signaling. <i>Neuro-Oncology</i> , 2012, 14, 1026-1036. | 0.6 | 97 |
| 84 | Investigating survival prognosis of glioblastoma using evolutionary properties of gene networks. , 2012, , . | | 5 |
| 85 | Recurrent glioblastoma multiforme in pregnancy. <i>Journal of Obstetrics and Gynaecology</i> , 2012, 32, 704-705. | 0.4 | 11 |
| 86 | Standard of care therapy for malignant glioma and its effect on tumor and stromal cells. <i>Oncogene</i> , 2012, 31, 1995-2006. | 2.6 | 42 |
| 87 | Prognostic impact of the expression/phosphorylation of the BH3-only proteins of the BCL-2 family in glioblastoma multiforme. <i>Cell Death and Disease</i> , 2012, 3, e421-e421. | 2.7 | 37 |
| 88 | <i>Cordyceps militaris</i> and mycelial fermentation induced apoptosis and autophagy of human glioblastoma cells. <i>Cell Death and Disease</i> , 2012, 3, e431-e431. | 2.7 | 34 |
| 89 | Contributions of Aryl Hydrocarbon Receptor Genetic Variants to the Risk of Glioma and PAH-DNA Adducts. <i>Toxicological Sciences</i> , 2012, 128, 357-364. | 1.4 | 27 |
| 90 | Phosphorylation of dedicator of cytokinesis 1 (Dock180) at tyrosine residue Y722 by Src family kinases mediates EGFRvIII-driven glioblastoma tumorigenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 3018-3023. | 3.3 | 88 |
| 91 | cAMP response element-binding protein promotes gliomagenesis by modulating the expression of oncogenic microRNA-23a. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 15805-15810. | 3.3 | 106 |
| 92 | Ratio primary reference measurement procedure (RPRMP) for the determination of iron in biological materials by RNAA. <i>Radiochimica Acta</i> , 2012, 100, . | 0.5 | 7 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 93 | MicroRNA-205 functions as a tumor suppressor in human glioblastoma cells by targeting VEGF-A. <i>Oncology Reports</i> , 2012, 27, 1200-1206. | 1.2 | 98 |
| 95 | Phase II Study of Single-agent Bevacizumab in Japanese Patients with Recurrent Malignant Glioma. <i>Japanese Journal of Clinical Oncology</i> , 2012, 42, 887-895. | 0.6 | 85 |
| 96 | Ten-Eleven Translocation-2 gene mutations: A potential new molecular marker in malignant gliomas (Review). <i>Oncology Letters</i> , 2012, 3, 7-10. | 0.8 | 2 |
| 97 | Stem Cells in Brain Tumour Development and Therapy- Two-Sides of the Same Coin. <i>Canadian Journal of Neurological Sciences</i> , 2012, 39, 145-156. | 0.3 | 3 |
| 98 | Primary brain tumours in adults. <i>Lancet, The</i> , 2012, 379, 1984-1996. | 6.3 | 723 |
| 99 | Characterization of Glioma Stem Cells Through Multiple Stem Cell Markers and Their Specific Sensitization to Double-Strand Break-Inducing Agents by Pharmacological Inhibition of Ataxia Telangiectasia Mutated Protein. <i>Brain Pathology</i> , 2012, 22, 677-688. | 2.1 | 33 |
| 100 | Pathological significance of epidermal growth factor receptor expression and amplification in human gliomas. <i>Histopathology</i> , 2012, 61, 726-736. | 1.6 | 10 |
| 101 | Nanotechnology Applications for Glioblastoma. <i>Neurosurgery Clinics of North America</i> , 2012, 23, 439-449. | 0.8 | 29 |
| 102 | The Roles of Hypoxia-Inducible Factors in Regulating Neural Stem Cells Migration to Glioma Stem Cells and Determinating Their Fates. <i>Neurochemical Research</i> , 2012, 37, 2659-2666. | 1.6 | 21 |
| 103 | Concanavalin-A triggers inflammatory response through JAK/STAT3 signalling and modulates MT1-MMP regulation of COX-2 in mesenchymal stromal cells. <i>Experimental Cell Research</i> , 2012, 318, 2498-2506. | 1.2 | 28 |
| 104 | Thymoquinone reduces migration and invasion of human glioblastoma cells associated with FAK, MMP-2 and MMP-9 down-regulation. <i>Investigational New Drugs</i> , 2012, 30, 2121-2131. | 1.2 | 78 |
| 105 | Detection of 2-hydroxyglutarate by magnetic resonance analysis as a biomarker of IDH1/2 mutations in glioma. <i>Journal of Molecular Medicine</i> , 2012, 90, 1161-1171. | 1.7 | 77 |
| 106 | Mechanism of anti-glioma activity and in vivo efficacy of the cannabinoid ligand KM-233. <i>Journal of Neuro-Oncology</i> , 2012, 110, 163-177. | 1.4 | 31 |
| 107 | Overexpression of Golgi phosphoprotein-3 (GOLPH3) in glioblastoma multiforme is associated with worse prognosis. <i>Journal of Neuro-Oncology</i> , 2012, 110, 195-203. | 1.4 | 53 |
| 108 | A cell penetrating peptide-integrated and enediyne-energized fusion protein shows potent antitumor activity. <i>European Journal of Pharmaceutical Sciences</i> , 2012, 47, 781-789. | 1.9 | 18 |
| 109 | Semi-Automatic Segmentation Software for Quantitative Clinical Brain Glioblastoma Evaluation. <i>Academic Radiology</i> , 2012, 19, 977-985. | 1.3 | 33 |
| 110 | Recent developments on immunotherapy for brain cancer. <i>Expert Opinion on Emerging Drugs</i> , 2012, 17, 181-202. | 1.0 | 56 |
| 111 | Support vector machine (SVM) active learning for automated Glioblastoma segmentation. , 2012, , . | | 5 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 112 | Oxaphosphinanes: New Therapeutic Perspectives for Glioblastoma. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 2196-2211. | 2.9 | 60 |
| 113 | Comparative genomic and proteomic analysis of high grade glioma primary cultures and matched tumor in situ. <i>Experimental Cell Research</i> , 2012, 318, 2245-2256. | 1.2 | 4 |
| 114 | Magnetic nanoparticles: an emerging technology for malignant brain tumor imaging and therapy. <i>Expert Review of Clinical Pharmacology</i> , 2012, 5, 173-186. | 1.3 | 114 |
| 115 | Expression of cancer-related testis genes in brain tumors: implications for cancer immunotherapy. <i>Immunotherapy</i> , 2012, 4, 59-75. | 1.0 | 25 |
| 116 | The Adenosine A3 Receptor Agonist Cl-IB-MECA Induces Cell Death Through Ca ²⁺ /ROS-Dependent Down Regulation of ERK and Akt in A172 Human Glioma Cells. <i>Neurochemical Research</i> , 2012, 37, 2667-2677. | 1.6 | 31 |
| 118 | Knockdown of AKT2 expression by RNA interference inhibits proliferation, enhances apoptosis, and increases chemosensitivity to the anticancer drug VM-26 in U87 glioma cells. <i>Brain Research</i> , 2012, 1469, 1-9. | 1.1 | 22 |
| 119 | miR-137 is frequently down-regulated in glioblastoma and is a negative regulator of Cox-2. <i>European Journal of Cancer</i> , 2012, 48, 3104-3111. | 1.3 | 102 |
| 120 | Histone deacetylase inhibitors sensitize glioblastoma cells to TRAIL-induced apoptosis by c-myc-mediated downregulation of cFLIP. <i>Oncogene</i> , 2012, 31, 4677-4688. | 2.6 | 75 |
| 121 | Gravin Is a Transitory Effector of Polo-like Kinase 1 during Cell Division. <i>Molecular Cell</i> , 2012, 48, 547-559. | 4.5 | 36 |
| 122 | Oncolytic viruses in the therapy of gliomas. <i>Molecular Biology</i> , 2012, 46, 780-789. | 0.4 | 4 |
| 123 | Genetic oxidative stress variants and glioma risk in a Chinese population: a hospital-based case-control study. <i>BMC Cancer</i> , 2012, 12, 617. | 1.1 | 26 |
| 124 | Enhanced stability and activity of temozolomide in primary glioblastoma multiforme cells with cucurbit[n]uril. <i>Chemical Communications</i> , 2012, 48, 9843. | 2.2 | 80 |
| 125 | Sensitization of Glioma Cells by X-Linked Inhibitor of Apoptosis Protein Knockdown. <i>Oncology</i> , 2012, 83, 75-82. | 0.9 | 14 |
| 126 | Glioblastoma multiforme: Molecular characterization and current treatment strategy (Review). <i>Experimental and Therapeutic Medicine</i> , 2012, 3, 9-14. | 0.8 | 72 |
| 127 | Glioblastoma biomarkers from bench to bedside: advances and challenges. <i>British Journal of Neurosurgery</i> , 2012, 26, 189-194. | 0.4 | 22 |
| 128 | MiR-410 regulates MET to influence the proliferation and invasion of glioma. <i>International Journal of Biochemistry and Cell Biology</i> , 2012, 44, 1711-1717. | 1.2 | 90 |
| 129 | Induction of autophagic cell death of glioma-initiating cells by cell-penetrating d-isomer peptides consisting of Pas and the p53 C-terminus. <i>Biomaterials</i> , 2012, 33, 9061-9069. | 5.7 | 27 |
| 130 | Hypoxic Cell Waves Around Necrotic Cores in Glioblastoma: A Biomathematical Model and Its Therapeutic Implications. <i>Bulletin of Mathematical Biology</i> , 2012, 74, 2875-2896. | 0.9 | 99 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 131 | Increased expression of matrix metalloproteinase-13 in glioma is associated with poor overall survival of patients. <i>Medical Oncology</i> , 2012, 29, 2432-2437. | 1.2 | 25 |
| 132 | Targeting the Epidermal Growth Factor Receptor in Solid Tumor Malignancies. <i>BioDrugs</i> , 2012, 26, 83-99. | 2.2 | 33 |
| 133 | Combing the hairball with BioFabric: a new approach for visualization of large networks. <i>BMC Bioinformatics</i> , 2012, 13, 275. | 1.2 | 34 |
| 134 | Crude aqueous extracts of <i>Pluchea indica</i> (L.) Less. inhibit proliferation and migration of cancer cells through induction of p53-dependent cell death. <i>BMC Complementary and Alternative Medicine</i> , 2012, 12, 265. | 3.7 | 19 |
| 135 | The small GTPase RhoG mediates glioblastoma cell invasion. <i>Molecular Cancer</i> , 2012, 11, 65. | 7.9 | 55 |
| 136 | Interleukin-1 β and transforming growth factor- β cooperate to induce neurosphere formation and increase tumorigenicity of adherent LN-229 glioma cells. <i>Stem Cell Research and Therapy</i> , 2012, 3, 5. | 2.4 | 49 |
| 137 | Human U87 Astrocytoma Cell Invasion Induced by Interaction of β 1-Integrin with Integrin α 5 β 1 Involves Calpain-2. <i>PLoS ONE</i> , 2012, 7, e37297. | 1.1 | 33 |
| 138 | Down-Regulation of Neogenin Accelerated Glioma Progression through Promoter Methylation and Its Overexpression in SHG-44 Induced Apoptosis. <i>PLoS ONE</i> , 2012, 7, e38074. | 1.1 | 21 |
| 139 | Confocal Laser Endomicroscopy for Diagnosis and Histomorphologic Imaging of Brain Tumors In Vivo. <i>PLoS ONE</i> , 2012, 7, e41760. | 1.1 | 85 |
| 140 | Expression of Eukaryotic Initiation Factor 5A and Hypusine Forming Enzymes in Glioblastoma Patient Samples: Implications for New Targeted Therapies. <i>PLoS ONE</i> , 2012, 7, e43468. | 1.1 | 53 |
| 141 | KCN1, a Novel Synthetic Sulfonamide Anticancer Agent: In Vitro and In Vivo Anti-Pancreatic Cancer Activities and Preclinical Pharmacology. <i>PLoS ONE</i> , 2012, 7, e44883. | 1.1 | 29 |
| 142 | Introduction of Novel Semiquantitative Evaluation of ^{99m}Tc -MIBI SPECT Before and After Treatment of Glioma. <i>Medicina (Lithuania)</i> , 2012, 48, 3. | 0.8 | 2 |
| 143 | Analysis of Genomic Instability and Tumor-Specific Genetic Alterations by Arbitrarily Primed PCR. , 0, , . | | 0 |
| 144 | Single nucleotide polymorphisms of matrix metalloproteinase 3 and risk of gliomas in a Chinese Han population. <i>Molecular Carcinogenesis</i> , 2012, 51, E1-10. | 1.3 | 7 |
| 145 | PTBP1-dependent regulation of USP5 alternative RNA splicing plays a role in glioblastoma tumorigenesis. <i>Molecular Carcinogenesis</i> , 2012, 51, 895-906. | 1.3 | 75 |
| 146 | Impact of vegf on astrocytes: Analysis of gap junctional intercellular communication, proliferation, and motility. <i>Glia</i> , 2012, 60, 936-947. | 2.5 | 40 |
| 147 | Tumor-Associated Microglia/Macrophages Enhance the Invasion of Glioma Stem-like Cells via TGF- β 1 Signaling Pathway. <i>Journal of Immunology</i> , 2012, 189, 444-453. | 0.4 | 390 |
| 148 | The molecular profile of microglia under the influence of glioma. <i>Neuro-Oncology</i> , 2012, 14, 958-978. | 0.6 | 295 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 149 | MicroRNA-34a inhibits human brain glioma cell growth by down-regulation of notch1. Journal of Huazhong University of Science and Technology [Medical Sciences], 2012, 32, 370-374. | 1.0 | 21 |
| 150 | Delayed formation of FancD2 foci in glioma stem cells treated with ionizing radiation. Journal of Cancer Research and Clinical Oncology, 2012, 138, 897-899. | 1.2 | 3 |
| 151 | Autophagy in Brain Tumors: A New Target for Therapeutic Intervention. Brain Pathology, 2012, 22, 89-98. | 2.1 | 87 |
| 152 | Identification and functional validation of <i>CDH11</i> , <i>PCSK6</i> and <i>SH3GL3</i> as novel glioma invasion-associated candidate genes. Neuropathology and Applied Neurobiology, 2012, 38, 201-212. | 1.8 | 49 |
| 153 | Whole-cell SELEX aptamer-functionalised poly(ethyleneglycol)-poly(μ -caprolactone) nanoparticles for enhanced targeted glioblastoma therapy. Biomaterials, 2012, 33, 6264-6272. | 5.7 | 132 |
| 154 | Silencing of Eps8 blocks migration and invasion in human glioblastoma cell lines. Experimental Cell Research, 2012, 318, 1901-1912. | 1.2 | 21 |
| 155 | Genomic instability and p53 alterations in patients with malignant glioma. Experimental and Molecular Pathology, 2012, 93, 200-206. | 0.9 | 26 |
| 156 | Notch1 promotes glioma cell migration and invasion by stimulating β -catenin and NF κ B signaling via AKT activation. Cancer Science, 2012, 103, 181-190. | 1.7 | 129 |
| 157 | High-Grade Glioma Diffusive Modeling Using Statistical Tissue Information and Diffusion Tensors Extracted from Atlases. IEEE Transactions on Information Technology in Biomedicine, 2012, 16, 255-263. | 3.6 | 27 |
| 158 | Adenovirus-mediated delivery of CALR and MAGE-A3 inhibits invasion and angiogenesis of glioblastoma cell line U87. Journal of Experimental and Clinical Cancer Research, 2012, 31, 8. | 3.5 | 19 |
| 159 | TMZ-induced PrPc/par α 4 interaction promotes the survival of human glioma cells. International Journal of Cancer, 2012, 130, 309-318. | 2.3 | 26 |
| 160 | Calpain 2 is required for the invasion of glioblastoma cells in the zebrafish brain microenvironment. Journal of Neuroscience Research, 2012, 90, 769-781. | 1.3 | 55 |
| 161 | Subcutaneous malignant melanoma of the scalp surgical flap after brain irradiation for anaplastic astrocytoma. Journal of Neuro-Oncology, 2012, 106, 203-207. | 1.4 | 2 |
| 162 | Association between MTHFR 677C>T polymorphism and risk of gliomas: evidence from a meta-analysis. Tumor Biology, 2013, 34, 2801-2807. | 0.8 | 6 |
| 163 | The role and clinical significance of DNA damage response and repair pathways in primary brain tumors. Cell and Bioscience, 2013, 3, 10. | 2.1 | 13 |
| 164 | The Duality of Stem Cells: Double-Edged Sword in tumor Evolution and Treatment. , 2013, , 391-433. | | 3 |
| 165 | Diphtheria toxin-based targeted toxin therapy for brain tumors. Journal of Neuro-Oncology, 2013, 114, 155-164. | 1.4 | 22 |
| 166 | Re-irradiation with and without bevacizumab as salvage therapy for recurrent or progressive high-grade gliomas. Journal of Neuro-Oncology, 2013, 112, 133-139. | 1.4 | 49 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 167 | Glycation of Glutamate Cysteine Ligase by 2-Deoxy-d-Ribose and its Potential Impact on Chemoresistance in Glioblastoma. <i>Neurochemical Research</i> , 2013, 38, 1838-1849. | 1.6 | 20 |
| 168 | Progress on molecular biomarkers and classification of malignant gliomas. <i>Frontiers of Medicine</i> , 2013, 7, 150-156. | 1.5 | 21 |
| 169 | The Adolescent and Young Adult with Cancer: State of the Art“Brain Tumor. <i>Current Oncology Reports</i> , 2013, 15, 308-316. | 1.8 | 8 |
| 170 | Inhibition of GSH synthesis potentiates temozolomide-induced bystander effect in glioblastoma. <i>Cancer Letters</i> , 2013, 331, 68-75. | 3.2 | 25 |
| 171 | Adenovirus-Mediated Coexpression of DCX and SPARC Radiosensitizes Human Malignant Glioma Cells. <i>Cellular and Molecular Neurobiology</i> , 2013, 33, 965-971. | 1.7 | 5 |
| 172 | Long-Circulating Heparin-Functionalized Magnetic Nanoparticles for Potential Application as a Protein Drug Delivery Platform. <i>Molecular Pharmaceutics</i> , 2013, 10, 3892-3902. | 2.3 | 55 |
| 173 | A Comparative Study of Primary and Recurrent Human Glioblastoma Multiforme Using the Small Animal Imaging and Molecular Expressive Profiles. <i>Molecular Imaging and Biology</i> , 2013, 15, 262-272. | 1.3 | 9 |
| 174 | Treatment outcome and prognostic factors of adult glioblastoma multiforme. <i>Journal of the Egyptian National Cancer Institute</i> , 2013, 25, 21-30. | 0.6 | 48 |
| 175 | Type-3 metabotropic glutamate receptors regulate chemoresistance in glioma stem cells, and their levels are inversely related to survival in patients with malignant gliomas. <i>Cell Death and Differentiation</i> , 2013, 20, 396-407. | 5.0 | 53 |
| 176 | Glioblastoma Behaviors in Three-Dimensional Collagen-Hyaluronan Composite Hydrogels. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 9276-9284. | 4.0 | 129 |
| 177 | MicroRNA-650 expression in glioma is associated with prognosis of patients. <i>Journal of Neuro-Oncology</i> , 2013, 115, 375-380. | 1.4 | 36 |
| 178 | MiR-106a is an independent prognostic marker in patients with glioblastoma. <i>Neuro-Oncology</i> , 2013, 15, 707-717. | 0.6 | 32 |
| 179 | MiR-218 sensitizes glioma cells to apoptosis and inhibits tumorigenicity by regulating ECOP-mediated suppression of NF- κ B activity. <i>Neuro-Oncology</i> , 2013, 15, 413-422. | 0.6 | 79 |
| 180 | Cathepsin L silencing enhances arsenic trioxide mediated in vitro cytotoxicity and apoptosis in glioblastoma U87MG spheroids. <i>Experimental Cell Research</i> , 2013, 319, 2637-2648. | 1.2 | 21 |
| 181 | The short chain cell-permeable ceramide (C6) restores cell apoptosis and perfosine sensitivity in cultured glioblastoma cells. <i>Molecular Biology Reports</i> , 2013, 40, 5645-5655. | 1.0 | 21 |
| 182 | Ensemble segmentation for GBM brain tumors on MR images using confidence“based averaging. <i>Medical Physics</i> , 2013, 40, 093502. | 1.6 | 12 |
| 183 | Quantification of microvascular cerebral blood flux and late“stage tumor compartmentalization in 9L gliosarcoma using flow enhanced MRI. <i>NMR in Biomedicine</i> , 2013, 26, 699-708. | 1.6 | 0 |
| 184 | P27/Kip1 Is Responsible for Magnolol-Induced U373 Apoptosis in Vitro and in Vivo. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 2811-2819. | 2.4 | 22 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 185 | Existence and uniqueness of weak solutions for a coupled mathematical model of tumor invasive process. , 2013, , . | | 0 |
| 186 | MiR-24 regulates the proliferation and invasion of glioma by ST7L via β -catenin/Tcf-4 signaling. <i>Cancer Letters</i> , 2013, 329, 174-180. | 3.2 | 62 |
| 187 | TRAIL conjugated to nanoparticles exhibits increased anti-tumor activities in glioma cells and glioma stem cells in vitro and in vivo. <i>Neuro-Oncology</i> , 2013, 15, 29-40. | 0.6 | 60 |
| 188 | Single cell molecular recognition of migrating and invading tumor cells using a targeted fluorescent probe to receptor PTPmu. <i>International Journal of Cancer</i> , 2013, 132, 1624-1632. | 2.3 | 19 |
| 189 | Luteolin inhibits proliferation of human glioblastoma cells via induction of cell cycle arrest and apoptosis. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2013, 44, 837-845. | 2.7 | 17 |
| 190 | ADAM17 regulates self-renewal and differentiation of U87 glioblastoma stem cells. <i>Neuroscience Letters</i> , 2013, 537, 44-49. | 1.0 | 27 |
| 191 | Low-dose arsenic trioxide enhances 5-aminolevulinic acid-induced PpIX accumulation and efficacy of photodynamic therapy in human glioma. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2013, 127, 61-67. | 1.7 | 12 |
| 193 | Gambogic acid induces EGFR degradation and Akt/mTORC1 inhibition through AMPK dependent-LRIG1 upregulation in cultured U87 glioma cells. <i>Biochemical and Biophysical Research Communications</i> , 2013, 435, 397-402. | 1.0 | 36 |
| 194 | G-protein coupled receptor kinase (GRK)-5 regulates proliferation of glioblastoma-derived stem cells. <i>Journal of Clinical Neuroscience</i> , 2013, 20, 1014-1018. | 0.8 | 32 |
| 195 | Effects of epidermal growth factor receptor and phosphatase and tensin homologue gene expression on the inhibition of U87 glioblastoma cell proliferation induced by protein kinase inhibitors. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2013, 40, 13-21. | 0.9 | 12 |
| 196 | Surgical resection of malignant gliomas—role in optimizing patient outcome. <i>Nature Reviews Neurology</i> , 2013, 9, 141-151. | 4.9 | 133 |
| 197 | Knockdown of RLIP76 expression by RNA interference inhibits invasion, induces cell cycle arrest, and increases chemosensitivity to the anticancer drug temozolomide in glioma cells. <i>Journal of Neuro-Oncology</i> , 2013, 112, 73-82. | 1.4 | 39 |
| 198 | Intratumoral, not circulating, endothelial progenitor cells share genetic aberrations with glial tumor cells. <i>Journal of Cellular Physiology</i> , 2013, 228, 1383-1390. | 2.0 | 6 |
| 199 | Chemotherapy for gliomas in mainland China: An overview. <i>Oncology Letters</i> , 2013, 5, 1448-1452. | 0.8 | 10 |
| 200 | A novel point-based nonrigid image registration scheme based on learning optimal landmark configurations. , 2013, , . | | 1 |
| 201 | Characteristics of glioma stem cells. <i>Brain Tumor Pathology</i> , 2013, 30, 209-214. | 1.1 | 48 |
| 202 | PKC signaling in glioblastoma. <i>Cancer Biology and Therapy</i> , 2013, 14, 287-294. | 1.5 | 54 |
| 203 | A data mining system for providing analytical information on brain tumors to public health decision makers. <i>Computer Methods and Programs in Biomedicine</i> , 2013, 109, 269-282. | 2.6 | 28 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 204 | Mediation of multiple pathways regulating cell proliferation, migration, and apoptosis in the human malignant glioma cell line U87MG via unphosphorylated STAT1. <i>Journal of Neurosurgery</i> , 2013, 118, 1239-1247. | 0.9 | 17 |
| 205 | Radioimmunotherapy in Brain Tumors. , 2013, , 113-131. | | 0 |
| 206 | ADAM17 promotes U87 glioblastoma stem cell migration and invasion. <i>Brain Research</i> , 2013, 1538, 151-158. | 1.1 | 37 |
| 207 | Expression of Tax-interacting protein 1 (TIP-1) facilitates angiogenesis and tumor formation of human glioblastoma cells in nude mice. <i>Cancer Letters</i> , 2013, 328, 55-64. | 3.2 | 11 |
| 208 | Correlation of Nrf2 and HIF-1 α in glioblastoma and their relationships to clinicopathologic features and survival. <i>Neurological Research</i> , 2013, 35, 1044-1050. | 0.6 | 24 |
| 209 | The art of gene therapy for glioma: a review of the challenging road to the bedside. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2013, 84, 213-222. | 0.9 | 99 |
| 210 | High expression of leptin receptor leads to temozolomide resistance with exhibiting stem/progenitor cell features in glioblastoma. <i>Cell Cycle</i> , 2013, 12, 3833-3840. | 1.3 | 22 |
| 211 | Synergy between the ectoenzymes CD39 and CD73 contributes to adenosinergic immunosuppression in human malignant gliomas. <i>Neuro-Oncology</i> , 2013, 15, 1160-1172. | 0.6 | 88 |
| 212 | Differential Expression of the Tumor Suppressor A-Kinase Anchor Protein 12 in Human Diffuse and Pilocytic Astrocytomas Is Regulated by Promoter Methylation. <i>Journal of Neuro pathology and Experimental Neurology</i> , 2013, 72, 933-941. | 0.9 | 11 |
| 213 | Unique genome-wide map of TCF4 and STAT3 targets using ChIP-seq reveals their association with new molecular subtypes of glioblastoma. <i>Neuro-Oncology</i> , 2013, 15, 279-289. | 0.6 | 42 |
| 214 | High-mobility group box 2 is associated with prognosis of glioblastoma by promoting cell viability, invasion, and chemotherapeutic resistance. <i>Neuro-Oncology</i> , 2013, 15, 1264-1275. | 0.6 | 36 |
| 215 | RLIP76 is overexpressed in human glioblastomas and is required for proliferation, tumorigenesis and suppression of apoptosis. <i>Carcinogenesis</i> , 2013, 34, 916-926. | 1.3 | 48 |
| 216 | miR-21 in the Extracellular Vesicles (EVs) of Cerebrospinal Fluid (CSF): A Platform for Glioblastoma Biomarker Development. <i>PLoS ONE</i> , 2013, 8, e78115. | 1.1 | 270 |
| 217 | Triggering of the TRPV2 channel by cannabidiol sensitizes glioblastoma cells to cytotoxic chemotherapeutic agents. <i>Carcinogenesis</i> , 2013, 34, 48-57. | 1.3 | 201 |
| 218 | Phosphorylated SATB1 is associated with the progression and prognosis of glioma. <i>Cell Death and Disease</i> , 2013, 4, e901-e901. | 2.7 | 39 |
| 219 | Mer receptor tyrosine kinase promotes invasion and survival in glioblastoma multiforme. <i>Oncogene</i> , 2013, 32, 872-882. | 2.6 | 66 |
| 220 | Light-controlled inhibition of malignant glioma by opsin gene transfer. <i>Cell Death and Disease</i> , 2013, 4, e893-e893. | 2.7 | 19 |
| 221 | Expansive growth of two glioblastoma stem-like cell lines is mediated by bFGF and not by EGF. <i>Radiology and Oncology</i> , 2013, 47, 330-337. | 0.6 | 29 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 222 | Pin1-Nanog expression in human glioma is correlated with advanced tumor progression. <i>Oncology Reports</i> , 2013, 30, 560-566. | 1.2 | 25 |
| 223 | Identification of U251 glioma stem cells and their heterogeneous stem-like phenotypes. <i>Oncology Letters</i> , 2013, 6, 1649-1655. | 0.8 | 18 |
| 224 | Embelin Induces Apoptosis in Human Glioma Cells Through Inactivating NF- κ B. <i>Journal of Pharmacological Sciences</i> , 2013, 121, 192-199. | 1.1 | 38 |
| 225 | Expression of HAUSP in gliomas correlates with disease progression and survival of patients. <i>Oncology Reports</i> , 2013, 29, 1730-1736. | 1.2 | 48 |
| 226 | Mechanisms of Aggressiveness in Glioblastoma: Prognostic and Potential Therapeutic Insights. , 2013, , . | | 0 |
| 227 | Signal transduction molecule patterns indicating potential glioblastoma therapy approaches. <i>OncoTargets and Therapy</i> , 2013, 6, 1737. | 1.0 | 17 |
| 228 | Innovations in the surgical treatment of gliomas. <i>Innovative Neurosurgery</i> , 2013, 1, . | 0.1 | 1 |
| 229 | Vascular endothelial growth factor and KIT expression in relation with microvascular density and tumor grade in supratentorial astrocytic tumors. <i>Acta Cirurgica Brasileira</i> , 2013, 28, 48-54. | 0.3 | 0 |
| 230 | Photofrin Based Photodynamic Therapy and miR-99a Transfection Inhibited FGFR3 and PI3K/Akt Signaling Mechanisms to Control Growth of Human Glioblastoma In Vitro and In Vivo. <i>PLoS ONE</i> , 2013, 8, e55652. | 1.1 | 47 |
| 231 | microRNA-100 Targets SMRT/NCOR2, Reduces Proliferation, and Improves Survival in Glioblastoma Animal Models. <i>PLoS ONE</i> , 2013, 8, e80865. | 1.1 | 47 |
| 232 | Inhibition of Elongation Factor-2 Kinase Augments the Antitumor Activity of Temozolomide against Glioma. <i>PLoS ONE</i> , 2013, 8, e81345. | 1.1 | 19 |
| 233 | SAMSN1 Is Highly Expressed and Associated with a Poor Survival in Glioblastoma Multiforme. <i>PLoS ONE</i> , 2013, 8, e81905. | 1.1 | 27 |
| 234 | MicroRNA-326 Functions as a Tumor Suppressor in Glioma by Targeting the Nin One Binding Protein (NOB1). <i>PLoS ONE</i> , 2013, 8, e68469. | 1.1 | 64 |
| 235 | Antitumor activity of dichloroacetate on C6 glioma cell: in vitro and in vivo evaluation. <i>OncoTargets and Therapy</i> , 2013, 6, 189. | 1.0 | 18 |
| 236 | The Role of Microglia and Matrix Metalloproteinases Involvement in Neuroinflammation and Gliomas. <i>Clinical and Developmental Immunology</i> , 2013, 2013, 1-15. | 3.3 | 147 |
| 237 | Chemotherapeutic Agent for Glioma. , 2013, , . | | 1 |
| 238 | Dipeptidyl Peptidase-IV and Related Proteases in Brain Tumors. , 2013, , . | | 4 |
| 239 | A Synthetic dl-Nordihydroguaiaretic acid (Nordy), Inhibits Angiogenesis, Invasion and Proliferation of Glioma Stem Cells within a Zebrafish Xenotransplantation Model. <i>PLoS ONE</i> , 2014, 9, e85759. | 1.1 | 22 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 240 | LIN28 Is Involved in Glioma Carcinogenesis and Predicts Outcomes of Glioblastoma Multiforme Patients. PLoS ONE, 2014, 9, e86446. | 1.1 | 31 |
| 241 | Cell-SELEX Aptamer for Highly Specific Radionuclide Molecular Imaging of Glioblastoma In Vivo. PLoS ONE, 2014, 9, e90752. | 1.1 | 55 |
| 242 | High Grade Glioma – Standard Approach, Obstacles and Future Directions. , 0, , . | | 0 |
| 243 | Immunovirotherapy for the treatment of glioblastoma. Oncolmmunology, 2014, 3, e27218. | 2.1 | 14 |
| 244 | Potential serum biomarkers for glioblastoma diagnostic assessed by proteomic approaches. Proteome Science, 2014, 12, 47. | 0.7 | 47 |
| 245 | Identification of miRNAs as potential new biomarkers for nervous system cancer. Tumor Biology, 2014, 35, 11631-11638. | 0.8 | 5 |
| 246 | Stage-specific embryonic antigen-4 as a potential therapeutic target in glioblastoma multiforme and other cancers. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 2482-2487. | 3.3 | 104 |
| 247 | Epiregulin enhances tumorigenicity by activating the ERK/MAPK pathway in glioblastoma. Neuro-Oncology, 2014, 16, 960-970. | 0.6 | 38 |
| 248 | Probulcol suppresses human glioma cell proliferation in vitro via ROS production and LKB1-AMPK activation. Acta Pharmacologica Sinica, 2014, 35, 1556-1565. | 2.8 | 10 |
| 249 | P14ARF Suppresses Tumor-Induced Thrombosis by Regulating the Tissue Factor Pathway. Cancer Research, 2014, 74, 1371-1378. | 0.4 | 11 |
| 250 | Terahertz pulsed spectroscopy of paraffin-embedded brain glioma. Journal of Biomedical Optics, 2014, 19, 077001. | 1.4 | 98 |
| 251 | Differential Nrf2 expression between glioma stem cells and non-stem-like cells in glioblastoma. Oncology Letters, 2014, 7, 693-698. | 0.8 | 22 |
| 252 | Osthole Suppresses the Migratory Ability of Human Glioblastoma Multiforme Cells via Inhibition of Focal Adhesion Kinase-Mediated Matrix Metalloproteinase-13 Expression. International Journal of Molecular Sciences, 2014, 15, 3889-3903. | 1.8 | 23 |
| 253 | System for the optical diagnosis of tumors, and using it to identify pituitary adenoma. Journal of Optical Technology (A Translation of Opticheski Zhurnal), 2014, 81, 578. | 0.2 | 1 |
| 254 | THE APPLICATION OF NANOMATERIALS IN DIAGNOSIS AND TREATMENT FOR MALIGNANT PRIMARY BRAIN TUMORS. Nano, 2014, 09, 1430001. | 0.5 | 5 |
| 255 | PDK1: a new therapeutic target for glioblastoma?. CNS Oncology, 2014, 3, 177-179. | 1.2 | 7 |
| 256 | Combined delivery of BCNU and VEGF siRNA using amphiphilic peptides for glioblastoma. Journal of Drug Targeting, 2014, 22, 156-164. | 2.1 | 24 |
| 257 | Knockdown of Nrf2 suppresses glioblastoma angiogenesis by inhibiting hypoxia-induced activation of HIF-1. International Journal of Cancer, 2014, 135, 574-584. | 2.3 | 94 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 258 | Serological Identification of URGCP as a Potential Biomarker for Glioma. <i>CNS Neuroscience and Therapeutics</i> , 2014, 20, 301-307. | 1.9 | 12 |
| 259 | Toward 3D Biomimetic Models to Understand the Behavior of Glioblastoma Multiforme Cells. <i>Tissue Engineering - Part B: Reviews</i> , 2014, 20, 314-327. | 2.5 | 49 |
| 260 | Glioblastoma stem-like cells: approaches for isolation and characterization. <i>Journal of Cancer Stem Cell Research</i> , 2014, 1, 1. | 1.1 | 12 |
| 261 | Enhanced cytotoxic effect of radiation and temozolomide in malignant glioma cells: targeting PI3K-AKT-mTOR signaling, HSP90 and histone deacetylases. <i>BMC Cancer</i> , 2014, 14, 17. | 1.1 | 106 |
| 262 | MiR-328 promotes glioma cell invasion via SFRP1-dependent Wnt-signaling activation. <i>Neuro-Oncology</i> , 2014, 16, 179-190. | 0.6 | 78 |
| 263 | E1a promotes c-Myc-dependent replicative stress. <i>Cell Cycle</i> , 2014, 13, 52-61. | 1.3 | 10 |
| 264 | Cucurbitacin I Induces Protective Autophagy in Glioblastoma in Vitro and in Vivo. <i>Journal of Biological Chemistry</i> , 2014, 289, 10607-10619. | 1.6 | 76 |
| 265 | IL-1 β microenvironment promotes proliferation, migration, and invasion of human glioma cells. <i>Cell Biology International</i> , 2014, 38, 1415-1422. | 1.4 | 59 |
| 266 | LRP1-dependent pepsin clearance induced by 2-hydroxycinnamaldehyde attenuates breast cancer cell invasion. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 53, 15-23. | 1.2 | 27 |
| 267 | FA-loaded lipid drug delivery systems: Preparation, characterization and biological studies. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 52, 12-20. | 1.9 | 70 |
| 268 | Radiosensitization of glioma cells by TP53-induced glycolysis and apoptosis regulator knockdown is dependent on thioredoxin-1 nuclear translocation. <i>Free Radical Biology and Medicine</i> , 2014, 69, 239-248. | 1.3 | 23 |
| 269 | EGFRvIII stimulates glioma growth and invasion through PKA-dependent serine phosphorylation of Dock180. <i>Oncogene</i> , 2014, 33, 2504-2512. | 2.6 | 66 |
| 270 | Establishment and partial characterization of a human tumor cell line, GBM-HSF, from a glioblastoma multiforme. <i>Human Cell</i> , 2014, 27, 129-136. | 1.2 | 7 |
| 271 | MicroRNA as potential modulators in chemoresistant high-grade gliomas. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 395-400. | 0.8 | 39 |
| 272 | Glioblastoma cancer stem cells: Biomarker and therapeutic advances. <i>Neurochemistry International</i> , 2014, 71, 1-7. | 1.9 | 62 |
| 273 | Genetic association of CHEK2, GSTP1, and ERCC1 with glioblastoma in the Han Chinese population. <i>Tumor Biology</i> , 2014, 35, 4937-4941. | 0.8 | 19 |
| 274 | Insights into the biological functions of Dock family guanine nucleotide exchange factors. <i>Genes and Development</i> , 2014, 28, 533-547. | 2.7 | 129 |
| 275 | Using Evolutional Properties of Gene Networks in Understanding Survival Prognosis of Glioblastoma. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2014, 18, 810-816. | 3.9 | 9 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 276 | Heat shock protein 47 regulated by miR-29a to enhance glioma tumor growth and invasion. Journal of Neuro-Oncology, 2014, 118, 39-47. | 1.4 | 57 |
| 277 | Cell penetrating peptides: Efficient vectors for delivery of nanoparticles, nanocarriers, therapeutic and diagnostic molecules. Peptides, 2014, 57, 78-94. | 1.2 | 226 |
| 278 | Predictability, efficacy and safety of radiosensitization of glioblastoma-initiating cells by the ATM inhibitor KU-60019. International Journal of Cancer, 2014, 135, 479-491. | 2.3 | 52 |
| 279 | <sc>BASI</sc>, A Potent Small Molecular Inhibitor, Inhibits Glioblastoma Progression by Targeting micro<sc>RNA</sc>â€mediated <i>Î²</i>â€Catenin Signaling. CNS Neuroscience and Therapeutics, 2014, 20, 830-839. | 1.9 | 9 |
| 280 | Overexpression of integrin-linked kinase (ILK) promotes glioma cell invasion and migration and down-regulates E-cadherin via the NF-Î²B pathway. Journal of Molecular Histology, 2014, 45, 141-151. | 1.0 | 21 |
| 281 | Interleukin-16 Polymorphism Is Associated with an Increased Risk of Glioma. Genetic Testing and Molecular Biomarkers, 2014, 18, 711-714. | 0.3 | 12 |
| 282 | NF-Î²B and STAT3 in glioblastoma: therapeutic targets coming of age. Expert Review of Neurotherapeutics, 2014, 14, 1293-1306. | 1.4 | 89 |
| 283 | Signaling Cascades Driving the Malignant Phenotype of Glioma Cells. , 2014, , 47-75. | | 2 |
| 284 | The <sc>TRPC</sc> channel blocker <sc>SKF</sc> 96365 inhibits glioblastoma cell growth by enhancing reverse mode of the <sc><sc>Na⁺</sc></sc>/<sc><sc>Ca²⁺</sc></sc> exchanger and increasing intracellular <sc><sc>Ca²⁺</sc></sc>. British Journal of Pharmacology, 2014, 171, 3432-3447. | 2.7 | 47 |
| 285 | MicroRNA-320a suppresses in GBM patients and modulates glioma cell functions by targeting IGF-1R. Tumor Biology, 2014, 35, 11269-11275. | 0.8 | 53 |
| 286 | Spinal metastasis of gliosarcoma: Array-based comparative genomic hybridization for confirmation of metastatic spread. Journal of Clinical Neuroscience, 2014, 21, 1945-1950. | 0.8 | 8 |
| 288 | Responsiveness of stem-like human glioma cells to all-trans retinoic acid and requirement of retinoic acid receptor isotypes Î±, Î² and Î³. Neuroscience, 2014, 279, 44-64. | 1.1 | 14 |
| 289 | Significance of interleukin-13 receptor alpha 2-targeted glioblastoma therapy. Neuro-Oncology, 2014, 16, 1304-1312. | 0.6 | 131 |
| 290 | microRNA-148a Is a Prognostic oncomiR That Targets MIG6 and BIM to Regulate EGFR and Apoptosis in Glioblastoma. Cancer Research, 2014, 74, 1541-1553. | 0.4 | 106 |
| 291 | MiR-7-5p is frequently downregulated in glioblastoma microvasculature and inhibits vascular endothelial cell proliferation by targeting RAF1. Tumor Biology, 2014, 35, 10177-10184. | 0.8 | 75 |
| 292 | Immunohistochemical evaluation of <sc>O⁶</sc>â€methylguanine <sc>DNA</sc> methyltransferase (<sc>MGMT</sc>) expression in 117 cases of glioblastoma. Neuropathology, 2014, 34, 268-276. | 0.7 | 18 |
| 293 | Minichromosome Maintenance (MCM) Family as potential diagnostic and prognostic tumor markers for human gliomas. BMC Cancer, 2014, 14, 526. | 1.1 | 68 |
| 294 | Validation of an Engineered Cell Model for In Vitro and In Vivo HIF-1Î± Evaluation by Different Imaging Modalities. Molecular Imaging and Biology, 2014, 16, 210-223. | 1.3 | 20 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 295 | Identification and Characterization of Human MIBP1 Gene in Glioma Cell Differentiation. <i>Journal of Molecular Neuroscience</i> , 2014, 52, 294-301. | 1.1 | 3 |
| 296 | Glioma-associated microglial MMP9 expression is upregulated by TLR2 signaling and sensitive to minocycline. <i>International Journal of Cancer</i> , 2014, 135, 2569-2578. | 2.3 | 95 |
| 297 | EGR1-dependent PTEN upregulation by 2-benzoyloxycinnamaldehyde attenuates cell invasion and EMT in colon cancer. <i>Cancer Letters</i> , 2014, 349, 35-44. | 3.2 | 41 |
| 298 | The effect of quercetin and imperatorin on programmed cell death induction in T98G cells in vitro. <i>Pharmacological Reports</i> , 2014, 66, 292-300. | 1.5 | 30 |
| 299 | Guanine nucleotide exchange factor Dock7 mediates HGF-induced glioblastoma cell invasion via Rac activation. <i>British Journal of Cancer</i> , 2014, 110, 1307-1315. | 2.9 | 32 |
| 300 | Higher LRRFIP1 expression in glioblastoma multiforme is associated with better response to teniposide, a type II topoisomerase inhibitor. <i>Biochemical and Biophysical Research Communications</i> , 2014, 446, 1261-1267. | 1.0 | 11 |
| 301 | Knockdown of nuclear factor erythroid 2-related factor 2 by lentivirus induces differentiation of glioma stem-like cells. <i>Oncology Reports</i> , 2014, 32, 1170-1178. | 1.2 | 22 |
| 302 | Voltage-gated and ATP-sensitive K ⁺ channels are associated with cell proliferation and tumorigenesis of human glioma. <i>Oncology Reports</i> , 2014, 31, 842-848. | 1.2 | 50 |
| 303 | Î²-elemene inhibits stemness, promotes differentiation and impairs chemoresistance to temozolomide in glioblastoma stem-like cells. <i>International Journal of Oncology</i> , 2014, 45, 699-709. | 1.4 | 32 |
| 304 | Identification of plasma biomarker candidates in glioblastoma using an antibody-array-based proteomic approach. <i>Radiology and Oncology</i> , 2014, 48, 257-266. | 0.6 | 13 |
| 305 | Targeting the NF-E2-related factor 2 pathway: A novel strategy for glioblastoma (Review). <i>Oncology Reports</i> , 2014, 32, 443-450. | 1.2 | 24 |
| 306 | Diphtheria toxin-based targeted toxins that target glioblastoma multiforme. <i>Toxin Reviews</i> , 2014, 33, 119-124. | 1.5 | 1 |
| 307 | miR-218 inhibits the proliferation of glioma U87 cells through the inactivation of the CDK6/cyclin D1/p21Cip1/Waf1 pathway. <i>Oncology Letters</i> , 2015, 9, 2743-2749. | 0.8 | 24 |
| 308 | NPM1 histone chaperone is upregulated in glioblastoma to promote cell survival and maintain nucleolar shape. <i>Scientific Reports</i> , 2015, 5, 16495. | 1.6 | 40 |
| 309 | RNA interference-mediated knockdown of translationally controlled tumor protein induces apoptosis, and inhibits growth and invasion in glioma cells. <i>Molecular Medicine Reports</i> , 2015, 12, 6617-6625. | 1.1 | 13 |
| 310 | Intraoperative vascular DIVA surgery reveals angiogenic hotspots in tumor zones of malignant gliomas. <i>Scientific Reports</i> , 2015, 5, 7958. | 1.6 | 29 |
| 311 | Overexpression of DCF1 inhibits glioma through destruction of mitochondria and activation of apoptosis pathway. <i>Scientific Reports</i> , 2015, 4, 3702. | 1.6 | 19 |
| 312 | Gene co-expression network and function modules in three types of glioma. <i>Molecular Medicine Reports</i> , 2015, 11, 3055-3063. | 1.1 | 4 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 313 | Expression of TYMS in lymph node metastasis from low-grade glioma. <i>Oncology Letters</i> , 2015, 10, 1569-1574. | 0.8 | 9 |
| 314 | Integrated analysis of genome-wide DNA methylation, gene expression and protein expression profiles in molecular subtypes of WHO II-IV gliomas. <i>Journal of Experimental and Clinical Cancer Research</i> , 2015, 34, 127. | 3.5 | 17 |
| 315 | Reversion of malignant phenotypes of human glioblastoma cells by β -elemene through β -catenin-mediated regulation of stemness-, differentiation- and epithelial-to-mesenchymal transition-related molecules. <i>Journal of Translational Medicine</i> , 2015, 13, 356. | 1.8 | 43 |
| 316 | Proteomic screening and identification of microRNA targets in glioma cells. <i>Proteomics</i> , 2015, 15, 2602-2617. | 1.3 | 6 |
| 317 | Monitoring Tumor Targeting and Treatment Effects of IRDye 800CW and GX1-Conjugated Polylactic Acid Nanoparticles Encapsulating Endostar on Glioma by Optical Molecular Imaging. <i>Molecular Imaging</i> , 2015, 14, 7290.2015.00014. | 0.7 | 7 |
| 318 | Maintenance of Stemlike Glioma Cells and Microglia in an Organotypic Glioma Slice Model. <i>Neurosurgery</i> , 2015, 77, 629-643. | 0.6 | 9 |
| 319 | Aptamer for imaging and therapeutic targeting of brain tumor glioblastoma. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2015, 87, 806-816. | 1.1 | 40 |
| 320 | Imaging Genomics of Glioblastoma. <i>Topics in Magnetic Resonance Imaging</i> , 2015, 24, 155-163. | 0.7 | 14 |
| 321 | Comprehensive Genomic Profiling of Recurrent Classic Glioblastoma in a Patient Surviving Eleven Years Following Antineoplastic Therapy. <i>Cancer and Clinical Oncology</i> , 2015, 4, 41. | 0.2 | 1 |
| 322 | AKT2-knockdown suppressed viability with enhanced apoptosis, and attenuated chemoresistance to temozolomide of human glioblastoma cells in vitro and in vivo. <i>OncoTargets and Therapy</i> , 2015, 8, 1681. | 1.0 | 7 |
| 323 | CCAAT/Enhancer binding protein β induces motility and invasion of glioblastoma cells through transcriptional regulation of the calcium binding protein S100A4. <i>Oncotarget</i> , 2015, 6, 4369-4384. | 0.8 | 23 |
| 324 | Anti-Tumor Effects of Bak-Proteoliposomes against Glioblastoma. <i>Molecules</i> , 2015, 20, 15893-15909. | 1.7 | 7 |
| 325 | Decreased FOXD3 Expression Is Associated with Poor Prognosis in Patients with High-Grade Gliomas. <i>PLoS ONE</i> , 2015, 10, e0127976. | 1.1 | 11 |
| 326 | Perspectives in Intraoperative Diagnostics of Human Gliomas. <i>Computational and Mathematical Methods in Medicine</i> , 2015, 2015, 1-9. | 0.7 | 2 |
| 327 | miR-146b-5p functions as a tumor suppressor by targeting TRAF6 and predicts the prognosis of human gliomas. <i>Oncotarget</i> , 2015, 6, 29129-29142. | 0.8 | 86 |
| 328 | LAP3 promotes glioma progression by regulating proliferation, migration and invasion of glioma cells. <i>International Journal of Biological Macromolecules</i> , 2015, 72, 1081-1089. | 3.6 | 30 |
| 329 | Down-regulation of 14-3-3 β exerts anti-cancer effects through inducing ER stress in human glioma U87 cells: Involvement of CHOP β -Wnt pathway. <i>Biochemical and Biophysical Research Communications</i> , 2015, 462, 389-395. | 1.0 | 22 |
| 330 | An superior achievement of brain tumor detection using segmentation based on F-transform. , 2015, , . | | 4 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 331 | Bevacizumab and irinotecan in recurrent malignant glioma, a single institution experience. <i>Radiology and Oncology</i> , 2015, 49, 80-85. | 0.6 | 18 |
| 332 | Study of paraffin-embedded brain glioma using terahertz spectroscopy. , 2015, , . | | 0 |
| 333 | Decreased expression of the SPOP gene is associated with poor prognosis in glioma. <i>International Journal of Oncology</i> , 2015, 46, 333-341. | 1.4 | 18 |
| 334 | miR-27a suppresses the clonogenic growth and migration of human glioblastoma multiforme cells by targeting BTG2. <i>International Journal of Oncology</i> , 2015, 46, 1601-1608. | 1.4 | 16 |
| 335 | High-capacity glycolytic and mitochondrial oxidative metabolisms mediate the growth ability of glioblastoma. <i>International Journal of Oncology</i> , 2015, 47, 1009-1016. | 1.4 | 31 |
| 336 | Bcl2L12 with a BH3-like domain in regulating apoptosis and TMZ-induced autophagy: A prospective combination of ABT-737 and TMZ for treating glioma. <i>International Journal of Oncology</i> , 2015, 46, 1304-1316. | 1.4 | 30 |
| 337 | Knockdown of ILK inhibits glioma development via upregulation of E-cadherin and downregulation of cyclin D1. <i>Oncology Reports</i> , 2015, 34, 272-278. | 1.2 | 9 |
| 338 | Genetic modification of neurons to express bevacizumab for local anti-angiogenesis treatment of glioblastoma. <i>Cancer Gene Therapy</i> , 2015, 22, 1-8. | 2.2 | 21 |
| 339 | Retinoic acid receptors: From molecular mechanisms to cancer therapy. <i>Molecular Aspects of Medicine</i> , 2015, 41, 1-115. | 2.7 | 284 |
| 340 | VAMP8 facilitates cellular proliferation and temozolomide resistance in human glioma cells. <i>Neuro-Oncology</i> , 2015, 17, 407-418. | 0.6 | 51 |
| 341 | Association of EFEMP1 gene polymorphisms with the risk of glioma: A hospital-based caseâ€“control study in a Chinese Han population. <i>Journal of the Neurological Sciences</i> , 2015, 349, 54-59. | 0.3 | 10 |
| 342 | Whole-genome and multisector exome sequencing of primary and post-treatment glioblastoma reveals patterns of tumor evolution. <i>Genome Research</i> , 2015, 25, 316-327. | 2.4 | 343 |
| 343 | TRIM24 promotes glioma progression and enhances chemoresistance through activation of the PI3K/Akt signaling pathway. <i>Oncogene</i> , 2015, 34, 600-610. | 2.6 | 118 |
| 344 | Combined therapies of antithrombotics and antioxidants delayin silicobrain tumour progression. <i>Mathematical Medicine and Biology</i> , 2015, 32, 239-262. | 0.8 | 22 |
| 345 | High Jagged1 expression is associated with poor outcome in primary glioblastoma. <i>Medical Oncology</i> , 2015, 32, 341. | 1.2 | 14 |
| 346 | A major role for microRNAs in glioblastoma cancer stem-like cells. <i>Archives of Pharmacal Research</i> , 2015, 38, 423-434. | 2.7 | 15 |
| 347 | Involvement of RalB in the effect of geranylgeranyltransferase I on glioma cell migration and invasion. <i>Clinical and Translational Oncology</i> , 2015, 17, 477-485. | 1.2 | 14 |
| 348 | Expression of TRAP1 Predicts Poor Survival of Malignant Glioma Patients. <i>Journal of Molecular Neuroscience</i> , 2015, 55, 62-68. | 1.1 | 12 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 349 | Histone deacetylases inhibition by SAHA/Vorinostat normalizes the glioma microenvironment via xCT equilibration. <i>Scientific Reports</i> , 2014, 4, 6226. | 1.6 | 20 |
| 350 | Arterial Spin-Labeling Perfusion MRI Stratifies Progression-Free Survival and Correlates with Epidermal Growth Factor Receptor Status in Glioblastoma. <i>American Journal of Neuroradiology</i> , 2015, 36, 672-677. | 1.2 | 41 |
| 351 | SEMA6A is a prognostic biomarker in glioblastoma. <i>Tumor Biology</i> , 2015, 36, 8333-8340. | 0.8 | 23 |
| 352 | Recent advances in targeted therapy for glioblastoma. <i>Expert Review of Neurotherapeutics</i> , 2015, 15, 935-946. | 1.4 | 42 |
| 353 | Small extracellular vesicles as tumor biomarkers for glioblastoma. <i>Molecular Aspects of Medicine</i> , 2015, 45, 97-102. | 2.7 | 35 |
| 354 | Drug encapsulated polymeric microspheres for intracranial tumor therapy: A review of the literature. <i>Advanced Drug Delivery Reviews</i> , 2015, 91, 23-37. | 6.6 | 73 |
| 355 | Emerging technologies for studying DNA methylation for the molecular diagnosis of cancer. <i>Expert Review of Molecular Diagnostics</i> , 2015, 15, 647-664. | 1.5 | 40 |
| 356 | The influence of human fetal mesenchymal stem cells on glioma cell proliferation. The consequence of cellular crosstalk. <i>Cell and Tissue Biology</i> , 2015, 9, 71-78. | 0.2 | 2 |
| 357 | Overexpression of Nrf2 attenuates Carmustine-induced cytotoxicity in U87MG human glioma cells. <i>BMC Cancer</i> , 2015, 15, 118. | 1.1 | 23 |
| 358 | Pygo2 siRNA Inhibit the Growth and Increase Apoptosis of U251 Cell by Suppressing Histone H3K4 Trimethylation. <i>Journal of Molecular Neuroscience</i> , 2015, 56, 949-955. | 1.1 | 4 |
| 359 | Molecular and Genomic Alterations in Glioblastoma Multiforme. <i>American Journal of Pathology</i> , 2015, 185, 1820-1833. | 1.9 | 141 |
| 360 | miR-20a mediates temozolomide-resistance in glioblastoma cells via negatively regulating LRIG1 expression. <i>Biomedicine and Pharmacotherapy</i> , 2015, 71, 112-118. | 2.5 | 24 |
| 361 | FoxM1 Drives a Feed-Forward STAT3-Activation Signaling Loop That Promotes the Self-Renewal and Tumorigenicity of Glioblastoma Stem-like Cells. <i>Cancer Research</i> , 2015, 75, 2337-2348. | 0.4 | 77 |
| 362 | LRIG1 inhibits hypoxia-induced vasculogenic mimicry formation via suppression of the EGFR/PI3K/AKT pathway and epithelial-to-mesenchymal transition in human glioma SHG-44 cells. <i>Cell Stress and Chaperones</i> , 2015, 20, 631-641. | 1.2 | 49 |
| 363 | The Challenges and the Promise of Molecular Targeted Therapy in Malignant Gliomas. <i>Neoplasia</i> , 2015, 17, 239-255. | 2.3 | 114 |
| 364 | P2X7 receptor as predictor gene for glioma radiosensitivity and median survival. <i>International Journal of Biochemistry and Cell Biology</i> , 2015, 68, 92-100. | 1.2 | 34 |
| 365 | 18F-Fluoromisonidazole Quantification of Hypoxia in Human Cancer Patients Using Image-Derived Blood Surrogate Tissue Reference Regions. <i>Journal of Nuclear Medicine</i> , 2015, 56, 1223-1228. | 2.8 | 33 |
| 366 | PARP3 interacts with FoxM1 to confer glioblastoma cell radioresistance. <i>Tumor Biology</i> , 2015, 36, 8617-8624. | 0.8 | 10 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 367 | Critical roles of chemokine receptor CCR5 in regulating glioblastoma proliferation and invasion. <i>Acta Biochimica Et Biophysica Sinica</i> , 2015, 47, 890-898. | 0.9 | 36 |
| 368 | Smac mimetic-induced upregulation of interferon- γ sensitizes glioblastoma to temozolomide-induced cell death. <i>Cell Death and Disease</i> , 2015, 6, e1888-e1888. | 2.7 | 16 |
| 369 | MicroRNA-139-5p acts as a tumor suppressor by targeting ELTD1 and regulating cell cycle in glioblastoma multiforme. <i>Biochemical and Biophysical Research Communications</i> , 2015, 467, 204-210. | 1.0 | 34 |
| 370 | The Added Prognostic Value of Preoperative Dynamic Contrast-Enhanced MRI Histogram Analysis in Patients with Glioblastoma: Analysis of Overall and Progression-Free Survival. <i>American Journal of Neuroradiology</i> , 2015, 36, 2235-2241. | 1.2 | 36 |
| 371 | Discovery of mitochondria-targeting berberine derivatives as the inhibitors of proliferation, invasion and migration against rat C6 and human U87 glioma cells. <i>MedChemComm</i> , 2015, 6, 164-173. | 3.5 | 28 |
| 372 | An armed, YB-1-dependent oncolytic adenovirus as a candidate for a combinatorial anti-glioma approach of virotherapy, suicide gene therapy and chemotherapeutic treatment. <i>Cancer Gene Therapy</i> , 2015, 22, 30-43. | 2.2 | 15 |
| 373 | Novel organotin complexes containing the 2,2'-bipyridine-3,3',6,6'-tetracarboxylate. Helical supramolecular structure and cytostatic activity. <i>Journal of Organometallic Chemistry</i> , 2015, 777, 81-87. | 0.8 | 8 |
| 374 | LncRNA and mRNA interaction study based on transcriptome profiles reveals potential core genes in the pathogenesis of human glioblastoma multiforme. <i>Journal of Cancer Research and Clinical Oncology</i> , 2015, 141, 827-838. | 1.2 | 38 |
| 375 | Silencing of HIF-1 α enhances the radiation sensitivity of human glioma growth in vitro and in vivo. <i>Neuropharmacology</i> , 2015, 89, 168-174. | 2.0 | 22 |
| 376 | Circulating biomarker panels for targeted therapy in brain tumors. <i>Future Oncology</i> , 2015, 11, 511-524. | 1.1 | 20 |
| 377 | The expression of SALL4 in patients with gliomas: high level of SALL4 expression is correlated with poor outcome. <i>Journal of Neuro-Oncology</i> , 2015, 121, 261-268. | 1.4 | 38 |
| 378 | Transmembrane protein CD9 is glioblastoma biomarker, relevant for maintenance of glioblastoma stem cells. <i>Oncotarget</i> , 2016, 7, 593-609. | 0.8 | 66 |
| 379 | Overexpression of RACK1 Promotes Metastasis by Enhancing Epithelial-Mesenchymal Transition and Predicts Poor Prognosis in Human Glioma. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 1021. | 1.2 | 25 |
| 380 | microRNA-149 targets caspase-2 in glioma progression. <i>Oncotarget</i> , 2016, 7, 26388-26399. | 0.8 | 16 |
| 381 | New role of osteopontin in DNA repair and impact on human glioblastoma radiosensitivity. <i>Oncotarget</i> , 2016, 7, 63708-63721. | 0.8 | 12 |
| 382 | A three-dimensional collagen scaffold cell culture system for screening anti-glioma therapeutics. <i>Oncotarget</i> , 2016, 7, 56904-56914. | 0.8 | 64 |
| 383 | Immunotherapy against cancer: A comprehensive review. <i>Journal of Cancer Research and Experimental Oncology</i> , 2016, 8, 15-25. | 0.1 | 8 |
| 384 | Phosphatidylinositol 3-Kinase/AKT Pathway Inhibition by Doxazosin Promotes Glioblastoma Cells Death, Upregulation of p53 and Triggers Low Neurotoxicity. <i>PLoS ONE</i> , 2016, 11, e0154612. | 1.1 | 14 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 385 | Epigenetics in Brain Tumors: HDACs Take Center Stage. <i>Current Neuropharmacology</i> , 2016, 14, 48-54. | 1.4 | 21 |
| 386 | Expression of MECOM is associated with unfavorable prognosis in glioblastoma multiforme. <i>OncoTargets and Therapy</i> , 2016, 9, 315. | 1.0 | 20 |
| 387 | Profile of patients with brain tumors and the role of nursing care. <i>Revista Brasileira De Enfermagem</i> , 2016, 69, 150-155. | 0.2 | 5 |
| 388 | Myeloid-derived suppressor cells in gliomas. <i>Wspolczesna Onkologia</i> , 2016, 5, 345-351. | 0.7 | 22 |
| 389 | New perspectives in glioblastoma antiangiogenic therapy. <i>Wspolczesna Onkologia</i> , 2016, 2, 109-118. | 0.7 | 21 |
| 390 | Golgi Phosphoprotein 3 Inhibits the Apoptosis of Human Glioma Cells in Part by Downregulating N-myc Downstream Regulated Gene 1. <i>Medical Science Monitor</i> , 2016, 22, 3535-3543. | 0.5 | 6 |
| 391 | Cathepsin L knockdown enhances curcumin-mediated inhibition of growth, migration, and invasion of glioma cells. <i>Brain Research</i> , 2016, 1646, 580-588. | 1.1 | 16 |
| 392 | Molecular and clinical characterization of PD-L1 expression at transcriptional level via 976 samples of brain glioma. <i>Oncolmunology</i> , 2016, 5, e1196310. | 2.1 | 176 |
| 393 | Anticalins directed against the fibronectin extra domain B as diagnostic tracers for glioblastomas. <i>International Journal of Cancer</i> , 2016, 138, 1269-1280. | 2.3 | 12 |
| 394 | Drug encapsulated aerosolized microspheres as a biodegradable, intelligent glioma therapy. <i>Journal of Biomedical Materials Research - Part A</i> , 2016, 104, 544-552. | 2.1 | 14 |
| 395 | Nitidine chloride inhibits the malignant behavior of human glioblastoma cells by targeting the PI3K/AKT/mTOR signaling pathway. <i>Oncology Reports</i> , 2016, 36, 2160-2168. | 1.2 | 23 |
| 396 | Genome-wide ChIP-seq analysis of EZH2-mediated H3K27me3 target gene profile highlights differences between low- and high-grade astrocytic tumors. <i>Carcinogenesis</i> , 2017, 38, bgw126. | 1.3 | 37 |
| 397 | Reactive oxygen species contribute toward Smac mimetic/temozolomide-induced cell death in glioblastoma cells. <i>Anti-Cancer Drugs</i> , 2016, 27, 953-959. | 0.7 | 7 |
| 398 | MicroRNA-15b suppresses the growth and invasion of glioma cells through targeted inhibition of cripto-1 expression. <i>Molecular Medicine Reports</i> , 2016, 13, 4897-4903. | 1.1 | 19 |
| 399 | Coping with the Unthinkable: Psychosocial Advances in the Management of Primary Brain Tumour. <i>Brain Impairment</i> , 2016, 17, 265-272. | 0.5 | 10 |
| 400 | Caffeine suppresses the progression of human glioblastoma via cathepsin B and MAPK signaling pathway. <i>Journal of Nutritional Biochemistry</i> , 2016, 33, 63-72. | 1.9 | 40 |
| 401 | MiR-595 targeting regulation of SOX7 expression promoted cell proliferation of human glioblastoma. <i>Biomedicine and Pharmacotherapy</i> , 2016, 80, 121-126. | 2.5 | 31 |
| 402 | Population-based MRI atlases of spatial distribution are specific to patient and tumor characteristics in glioblastoma. <i>NeuroImage: Clinical</i> , 2016, 12, 34-40. | 1.4 | 49 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 403 | Optical technologies for intraoperative neurosurgical guidance. <i>Neurosurgical Focus</i> , 2016, 40, E8. | 1.0 | 96 |
| 404 | Distribution of polymer nanoparticles by convection-enhanced delivery to brain tumors. <i>Journal of Controlled Release</i> , 2016, 232, 103-112. | 4.8 | 65 |
| 405 | Knockdown of retinoblastoma protein may sensitize glioma cells to cisplatin through inhibition of autophagy. <i>Neuroscience Letters</i> , 2016, 620, 137-142. | 1.0 | 20 |
| 406 | PTEN-mRNA engineered mesenchymal stem cell-mediated cytotoxic effects on U251 glioma cells. <i>Oncology Letters</i> , 2016, 11, 2733-2740. | 0.8 | 18 |
| 407 | Phosphatidylinositol-3 kinase-dependent translational regulation of Id1 involves the PPM1G phosphatase. <i>Oncogene</i> , 2016, 35, 5807-5816. | 2.6 | 13 |
| 408 | Calcium Channels and Associated Receptors in Malignant Brain Tumor Therapy. <i>Molecular Pharmacology</i> , 2016, 90, 403-409. | 1.0 | 40 |
| 409 | Expression and significance of Hippo/YAP signaling in glioma progression. <i>Tumor Biology</i> , 2016, 37, 15665-15676. | 0.8 | 55 |
| 410 | Neuropilin-1 (NRP-1)/GIPC1 pathway mediates glioma progression. <i>Tumor Biology</i> , 2016, 37, 13777-13788. | 0.8 | 27 |
| 411 | Musashi1 Impacts Radio-Resistance in Glioblastoma by Controlling DNA-Protein Kinase Catalytic Subunit. <i>American Journal of Pathology</i> , 2016, 186, 2271-2278. | 1.9 | 38 |
| 412 | MicroRNA-124-3p regulates cell proliferation, invasion, apoptosis, and bioenergetics by targeting PIM1 in astrocytoma. <i>Cancer Science</i> , 2016, 107, 899-907. | 1.7 | 78 |
| 413 | RUNX3 is downregulated in glioma by Myc-regulated miR-4295. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 518-525. | 1.6 | 16 |
| 414 | Association of early changes in ¹ H MRSI parameters with survival for patients with newly diagnosed glioblastoma receiving a multimodality treatment regimen. <i>Neuro-Oncology</i> , 2017, 19, now159. | 0.6 | 24 |
| 415 | Sox2, a stemness gene, regulates tumor-initiating and drug-resistant properties in CD133-positive glioblastoma stem cells. <i>Journal of the Chinese Medical Association</i> , 2016, 79, 538-545. | 0.6 | 81 |
| 416 | Synergistic Anti-glioma Effects <i>in Vitro</i> and <i>in Vivo</i> of Eneidyne Antibiotic Neocarzinostatin and Paclitaxel <i>via</i> Enhanced Growth Delay and Apoptosis-Induction. <i>Biological and Pharmaceutical Bulletin</i> , 2016, 39, 1623-1630. | 0.6 | 13 |
| 417 | miR-124 suppresses the migration and invasion of glioma cells <i>in vitro</i> via Capn4. <i>Oncology Reports</i> , 2016, 35, 284-290. | 1.2 | 43 |
| 419 | Recent advances and future of immunotherapy for glioblastoma. <i>Expert Opinion on Biological Therapy</i> , 2016, 16, 1245-1264. | 1.4 | 57 |
| 420 | Up-regulation of miR-370-3p restores glioblastoma multiforme sensitivity to temozolomide by influencing MGMT expression. <i>Scientific Reports</i> , 2016, 6, 32972. | 1.6 | 53 |
| 421 | miR-218 inhibits the tumorigenesis and proliferation of glioma cells by targeting Robo1. <i>Cancer Biomarkers</i> , 2016, 16, 309-317. | 0.8 | 19 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 422 | GANT61, a GLI inhibitor, sensitizes glioma cells to the temozolomide treatment. <i>Journal of Experimental and Clinical Cancer Research</i> , 2016, 35, 184. | 3.5 | 54 |
| 423 | ARPP-19 promotes proliferation and metastasis of human glioma. <i>NeuroReport</i> , 2016, 27, 960-966. | 0.6 | 26 |
| 424 | Resveratrol suppresses human glioblastoma cell migration and invasion via activation of RhoA/ROCK signaling pathway. <i>Oncology Letters</i> , 2016, 11, 484-490. | 0.8 | 20 |
| 425 | Semi-Automated Volumetric and Morphological Assessment of Glioblastoma Resection with Fluorescence-Guided Surgery. <i>Molecular Imaging and Biology</i> , 2016, 18, 454-462. | 1.3 | 28 |
| 426 | MicroRNA-130b promotes cell proliferation and invasion by inhibiting peroxisome proliferator-activated receptor- β in human glioma cells. <i>International Journal of Molecular Medicine</i> , 2016, 37, 1587-1593. | 1.8 | 20 |
| 427 | Downregulation of nitrogen permease regulator like-2 activates PDK1/AKT1 and contributes to the malignant growth of glioma cells. <i>Molecular Carcinogenesis</i> , 2016, 55, 1613-1626. | 1.3 | 13 |
| 428 | Effects of hnRNP A2/B1 Knockdown on Inhibition of Glioblastoma Cell Invasion, Growth and Survival. <i>Molecular Neurobiology</i> , 2016, 53, 1132-1144. | 1.9 | 47 |
| 429 | EMC6/TMEM93 suppresses glioblastoma proliferation by modulating autophagy. <i>Cell Death and Disease</i> , 2016, 7, e2043-e2043. | 2.7 | 37 |
| 430 | Quantitative tests-based assessment of biomedical image enhancement procedures. <i>Biocybernetics and Biomedical Engineering</i> , 2016, 36, 205-216. | 3.3 | 1 |
| 431 | Tumor-specific pH-responsive peptide-modified pH-sensitive liposomes containing doxorubicin for enhancing glioma targeting and anti-tumor activity. <i>Journal of Controlled Release</i> , 2016, 222, 56-66. | 4.8 | 187 |
| 432 | Radiosensitisation of human glioma cells by inhibition of β 1,6-GlcNAc branched N-glycans. <i>Tumor Biology</i> , 2016, 37, 4909-4918. | 0.8 | 11 |
| 433 | Inhibition of Autophagy by Chloroquine Enhances the Antitumor Efficacy of Sorafenib in Glioblastoma. <i>Cellular and Molecular Neurobiology</i> , 2016, 36, 1197-1208. | 1.7 | 33 |
| 434 | Deep Convolutional Neural Networks for the Segmentation of Gliomas in Multi-sequence MRI. <i>Lecture Notes in Computer Science</i> , 2016, , 131-143. | 1.0 | 57 |
| 435 | Anticancer effect of eupatilin on glioma cells through inhibition of the Notch-1 signaling pathway. <i>Molecular Medicine Reports</i> , 2016, 13, 1141-1146. | 1.1 | 27 |
| 436 | Gambogic acid induces apoptotic cell death in T98G glioma cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 1097-1101. | 1.0 | 27 |
| 437 | Methotrexate up-regulates ecto-5'-nucleotidase/CD73 and reduces the frequency of T lymphocytes in the glioblastoma microenvironment. <i>Purinergic Signalling</i> , 2016, 12, 303-312. | 1.1 | 33 |
| 438 | Brain Tumor Segmentation Using Convolutional Neural Networks in MRI Images. <i>IEEE Transactions on Medical Imaging</i> , 2016, 35, 1240-1251. | 5.4 | 1,825 |
| 439 | Over-expression of CHAF1A promotes cell proliferation and apoptosis resistance in glioblastoma cells via AKT/FOXO3a/Bim pathway. <i>Biochemical and Biophysical Research Communications</i> , 2016, 469, 1111-1116. | 1.0 | 25 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 440 | LncRNA TUG1 acts as a tumor suppressor in human glioma by promoting cell apoptosis. <i>Experimental Biology and Medicine</i> , 2016, 241, 644-649. | 1.1 | 165 |
| 441 | Gliomas: Motexafin Gadolinium-enhanced Molecular MR Imaging and Optical Imaging for Potential Intraoperative Delineation of Tumor Margins. <i>Radiology</i> , 2016, 279, 400-409. | 3.6 | 10 |
| 442 | Survival trends of grade I, II, and III astrocytoma patients and associated clinical practice patterns between 1999 and 2010: A SEER-based analysis. <i>Neuro-Oncology Practice</i> , 2016, 3, 29-38. | 1.0 | 22 |
| 443 | The influence of maximum safe resection of glioblastoma on survival in 1229 patients: Can we do better than gross-total resection?. <i>Journal of Neurosurgery</i> , 2016, 124, 977-988. | 0.9 | 480 |
| 444 | MEK2 is a prognostic marker and potential chemo-sensitizing target for glioma patients undergoing temozolomide treatment. <i>Cellular and Molecular Immunology</i> , 2016, 13, 658-668. | 4.8 | 8 |
| 445 | Neurotensin signaling stimulates glioblastoma cell proliferation by upregulating c-Myc and inhibiting miR-29b-1 and miR-129-3p. <i>Neuro-Oncology</i> , 2016, 18, 216-226. | 0.6 | 32 |
| 446 | Long non-coding RNA taurine upregulated 1 enhances tumor-induced angiogenesis through inhibiting microRNA-299 in human glioblastoma. <i>Oncogene</i> , 2017, 36, 318-331. | 2.6 | 169 |
| 447 | Naringin suppresses the development of glioblastoma by inhibiting FAK activity. <i>Journal of Drug Targeting</i> , 2017, 25, 41-48. | 2.1 | 22 |
| 448 | miR-139 Functions as An Antioncomir to Repress Glioma Progression Through Targeting IGF-1 R, AMY-1, and PGC-1 β . <i>Technology in Cancer Research and Treatment</i> , 2017, 16, 497-511. | 0.8 | 23 |
| 449 | The role of brachytherapy in the treatment of glioblastoma multiforme. <i>Neurosurgical Review</i> , 2017, 40, 195-211. | 1.2 | 42 |
| 450 | Allopregnanolone promotes proliferation and differential gene expression in human glioblastoma cells. <i>Steroids</i> , 2017, 119, 36-42. | 0.8 | 26 |
| 451 | MicroRNA-98 Attenuates Cell Migration and Invasion in Glioma by Directly Targeting Pre-B Cell Leukemia Homeobox 3. <i>Cellular and Molecular Neurobiology</i> , 2017, 37, 1359-1371. | 1.7 | 28 |
| 452 | Long noncoding RNA papillary thyroid carcinoma susceptibility candidate 3 (PTCSC3) inhibits proliferation and invasion of glioma cells by suppressing the Wnt/ β -catenin signaling pathway. <i>BMC Neurology</i> , 2017, 17, 30. | 0.8 | 71 |
| 453 | Gene delivery of apoptin-derived peptide using an adeno-associated virus vector inhibits glioma and prolongs animal survival. <i>Biochemical and Biophysical Research Communications</i> , 2017, 482, 506-513. | 1.0 | 7 |
| 454 | Enhanced expression of Vastatin inhibits angiogenesis and prolongs survival in murine orthotopic glioblastoma model. <i>BMC Cancer</i> , 2017, 17, 126. | 1.1 | 21 |
| 455 | Radicol, a Novel Trinorguaiane-type Sesquiterpene, Induces Temozolomide-resistant Glioma Cell Apoptosis via ER Stress and Akt/mTOR Pathway Blockade. <i>Phytotherapy Research</i> , 2017, 31, 729-739. | 2.8 | 13 |
| 456 | Probing the Bi-directional Interaction Between Microglia and Gliomas in a Tumor Microenvironment on a Microdevice. <i>Neurochemical Research</i> , 2017, 42, 1478-1487. | 1.6 | 12 |
| 457 | Differential Expression of Circular RNAs in Glioblastoma Multiforme and Its Correlation with Prognosis. <i>Translational Oncology</i> , 2017, 10, 271-279. | 1.7 | 92 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 458 | Long non-coding RNA NEAT1 regulates permeability of the blood-tumor barrier via miR-181d-5p-mediated expression changes in ZO-1, occludin, and claudin-5. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 2240-2254. | 1.8 | 67 |
| 459 | EVA1A inhibits GBM cell proliferation by inducing autophagy and apoptosis. <i>Experimental Cell Research</i> , 2017, 352, 130-138. | 1.2 | 27 |
| 460 | Downregulation of β -arrestin 1 suppresses glioblastoma cell malignant progression vis inhibition of Src signaling. <i>Experimental Cell Research</i> , 2017, 357, 51-58. | 1.2 | 21 |
| 461 | MiR-181b modulates chemosensitivity of glioblastoma multiforme cells to temozolomide by targeting the epidermal growth factor receptor. <i>Journal of Neuro-Oncology</i> , 2017, 133, 477-485. | 1.4 | 26 |
| 462 | Neutrophils traffic in cancer nanodrugs. <i>Nature Nanotechnology</i> , 2017, 12, 616-618. | 15.6 | 17 |
| 463 | TRPC Channels and Glioma. <i>Advances in Experimental Medicine and Biology</i> , 2017, 976, 157-165. | 0.8 | 14 |
| 464 | Cytotoxicity of temozolomide on human glioblastoma cells is enhanced by the concomitant exposure to an extremely low-frequency electromagnetic field (100 Hz, 100 G). <i>Biomedicine and Pharmacotherapy</i> , 2017, 92, 254-264. | 2.5 | 39 |
| 465 | TRIM45 functions as a tumor suppressor in the brain via its E3 ligase activity by stabilizing p53 through K63-linked ubiquitination. <i>Cell Death and Disease</i> , 2017, 8, e2831-e2831. | 2.7 | 42 |
| 466 | The effect of resveratrol, its naturally occurring derivatives and tannic acid on the induction of cell cycle arrest and apoptosis in rat C6 and human T98G glioma cell lines. <i>Toxicology in Vitro</i> , 2017, 43, 69-75. | 1.1 | 40 |
| 468 | Glioblastoma stem cell differentiation into endothelial cells evidenced through live-cell imaging. <i>Neuro-Oncology</i> , 2017, 19, 1109-1118. | 0.6 | 83 |
| 469 | Immune microenvironment of gliomas. <i>Laboratory Investigation</i> , 2017, 97, 498-518. | 1.7 | 398 |
| 470 | MiR-338-5p suppresses proliferation, migration, invasion, and promote apoptosis of glioblastoma cells by directly targeting EFEMP1. <i>Biomedicine and Pharmacotherapy</i> , 2017, 89, 957-965. | 2.5 | 46 |
| 471 | Immune checkpoint inhibition and its relationship with hypermutation phenotype as a potential treatment for Glioblastoma. <i>Journal of Neuro-Oncology</i> , 2017, 132, 359-372. | 1.4 | 8 |
| 472 | Comprehensive RNA-seq transcriptomic profiling in the malignant progression of gliomas. <i>Scientific Data</i> , 2017, 4, 170024. | 2.4 | 208 |
| 473 | Precise glioblastoma targeting by AS1411 aptamer-functionalized poly (l- 13 -glutamylglutamine)â€“paclitaxel nanoconjugates. <i>Journal of Colloid and Interface Science</i> , 2017, 490, 783-796. | 5.0 | 66 |
| 474 | Structural analysis of Dioclea lasiocarpa lectin: A C6 cells apoptosis-inducing protein. <i>International Journal of Biochemistry and Cell Biology</i> , 2017, 92, 79-89. | 1.2 | 12 |
| 475 | Downregulation of miR-16 via URGCP pathway contributes to glioma growth. <i>Scientific Reports</i> , 2017, 7, 13470. | 1.6 | 10 |
| 476 | Cultural Factors in Ethics Consultations. <i>PM and R</i> , 2017, 9, 1030-1037. | 0.9 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 477 | MiRNA-154-5p inhibits cell proliferation and metastasis by targeting PIWIL1 in glioblastoma. <i>Brain Research</i> , 2017, 1676, 69-76. | 1.1 | 36 |
| 478 | Nanomedicine associated with photodynamic therapy for glioblastoma treatment. <i>Biophysical Reviews</i> , 2017, 9, 761-773. | 1.5 | 45 |
| 479 | Neuroimaging of Pediatric Metabolic Disorders with Emphasis on Diffusion-Weighted Imaging and MR Spectroscopy: A Pictorial Essay. <i>Current Radiology Reports</i> , 2017, 5, 1. | 0.4 | 1 |
| 480 | Mining the glioma susceptibility genes in children from gene expression profiles and a methylation database. <i>Oncology Letters</i> , 2017, 14, 3473-3479. | 0.8 | 5 |
| 481 | Genetically Engineered Multilineage-Differentiating Stress-Enduring Cells as Cellular Vehicles against Malignant Gliomas. <i>Molecular Therapy - Oncolytics</i> , 2017, 6, 45-56. | 2.0 | 8 |
| 482 | Molecular and clinical characterization of TIM-3 in glioma through 1,024 samples. <i>Oncolmmunology</i> , 2017, 6, e1328339. | 2.1 | 114 |
| 483 | MicroRNA-590-3p enhances the radioresistance in glioblastoma cells by targeting LRIG1. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 1818-1824. | 0.8 | 18 |
| 484 | Upregulation of DACT2 suppresses proliferation and enhances apoptosis of glioma cell via inactivation of YAP signaling pathway. <i>Cell Death and Disease</i> , 2017, 8, e2981-e2981. | 2.7 | 17 |
| 485 | Immune microenvironment of experimental rat C6 gliomas resembles human glioblastomas. <i>Scientific Reports</i> , 2017, 7, 17556. | 1.6 | 75 |
| 486 | Reversal of doxorubicin-resistance by <i>Salvia miltiorrhiza</i> ligustrazine in the SHG44/doxorubicin glioma drug-resistant cell line. <i>Oncology Letters</i> , 2017, 14, 4708-4714. | 0.8 | 2 |
| 487 | TRIM24 is an oncogenic transcriptional co-activator of STAT3 in glioblastoma. <i>Nature Communications</i> , 2017, 8, 1454. | 5.8 | 116 |
| 488 | Central nervous system tumours among adolescents and young adults (15â€“39 years) in Southern and Eastern Europe: Registration improvements reveal higher incidence rates compared to the US. <i>European Journal of Cancer</i> , 2017, 86, 46-58. | 1.3 | 16 |
| 489 | Identify a Blood-Brain Barrier Penetrating Drug-TNB using Zebrafish Orthotopic Glioblastoma Xenograft Model. <i>Scientific Reports</i> , 2017, 7, 14372. | 1.6 | 35 |
| 490 | High expression of TIG3 predicts poor survival in patients with primary glioblastoma. <i>Tumor Biology</i> , 2017, 39, 101042831771213. | 0.8 | 2 |
| 491 | FTY720 inhibits the Nrf2/ARE pathway in human glioblastoma cell lines and sensitizes glioblastoma cells to temozolomide. <i>Pharmacological Reports</i> , 2017, 69, 1186-1193. | 1.5 | 42 |
| 492 | Multiplexed RNAi therapy against brain tumor-initiating cells via lipopolymeric nanoparticle infusion delays glioblastoma progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E6147-E6156. | 3.3 | 102 |
| 493 | Up-regulation of ANKDR49, a poor prognostic factor, regulates cell proliferation of gliomas. <i>Bioscience Reports</i> , 2017, 37, . | 1.1 | 7 |
| 494 | Relationship between Glioblastoma Heterogeneity and Survival Time: An MR Imaging Texture Analysis. <i>American Journal of Neuroradiology</i> , 2017, 38, 1695-1701. | 1.2 | 78 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 495 | The effects of CD147 on the cell proliferation, apoptosis, invasion, and angiogenesis in glioma. <i>Neurological Sciences</i> , 2017, 38, 129-136. | 0.9 | 23 |
| 496 | Apelin and Cancer. <i>Energy Balance and Cancer</i> , 2017, , 137-160. | 0.2 | 3 |
| 497 | Targeted brain delivery nanoparticles for malignant gliomas. <i>Nanomedicine</i> , 2017, 12, 59-72. | 1.7 | 32 |
| 498 | Biomaterial-Based Implantable Devices for Cancer Therapy. <i>Advanced Healthcare Materials</i> , 2017, 6, 1600766. | 3.9 | 83 |
| 499 | Expression profile and clinical significance of Wnt signaling in human gliomas. <i>Oncology Letters</i> , 2018, 15, 610-617. | 0.8 | 10 |
| 500 | BmK CT enhances the sensitivity of temozolomide-induced apoptosis of malignant glioma U251 cells in vitro through blocking the AKT signaling pathway. <i>Oncology Letters</i> , 2018, 15, 1537-1544. | 0.8 | 6 |
| 501 | MicroRNA-376a inhibits cell proliferation and invasion in glioblastoma multiforme by directly targeting specificity protein 1. <i>Molecular Medicine Reports</i> , 2017, 17, 1583-1590. | 1.1 | 12 |
| 502 | Pre-processing of MR Images for Efficient Quantitative Image Analysis Using Deep Learning Techniques. , 2017, , . | | 7 |
| 503 | In Vitro effects of Selenium on Human Glioblastoma Multiforme Cell Lines: A Preliminary Study. <i>Acta Clinica Croatica</i> , 2017, 56, 48-57. | 0.1 | 10 |
| 504 | Overexpression of ILK promotes temozolomide resistance in glioma cells. <i>Molecular Medicine Reports</i> , 2017, 15, 1297-1304. | 1.1 | 10 |
| 505 | Major Challenges and Potential Microenvironment-Targeted Therapies in Glioblastoma. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2732. | 1.8 | 26 |
| 506 | Molecular Markers of Gliomas. <i>Molecular Genetics, Microbiology and Virology</i> , 2017, 32, 180-190. | 0.0 | 2 |
| 507 | MiR-320 inhibits the growth of glioma cells through downregulating PBX3. <i>Biological Research</i> , 2017, 50, 31. | 1.5 | 27 |
| 508 | MicroRNA-485 inhibits malignant biological behaviour of glioblastoma cells by directly targeting PAK4. <i>International Journal of Oncology</i> , 2017, 51, 1521-1532. | 1.4 | 28 |
| 509 | Knockdown of E2F3 Inhibits Proliferation, Migration, and Invasion and Increases Apoptosis in Glioma Cells. <i>Oncology Research</i> , 2017, 25, 1555-1566. | 0.6 | 11 |
| 510 | MicroRNA-1288 promotes cell proliferation of human glioblastoma cells by repressing ubiquitin carboxyl-terminal hydrolase CYLD expression. <i>Molecular Medicine Reports</i> , 2017, 16, 6764-6770. | 1.1 | 6 |
| 511 | Chromatin Remodeling Factor LSH is Upregulated by the LRP6-GSK3 β -E2F1 Axis Linking Reversely with Survival in Gliomas. <i>Theranostics</i> , 2017, 7, 132-143. | 4.6 | 54 |
| 512 | Long non-coding RNA LINK-A promotes glioma cell growth and invasion via lactate dehydrogenase A. <i>Oncology Reports</i> , 2017, 38, 1525-1532. | 1.2 | 15 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 513 | Long non-coding RNA MEG3 contributes to cisplatin-induced apoptosis via inhibition of autophagy in human glioma cells. <i>Molecular Medicine Reports</i> , 2017, 16, 2946-2952. | 1.1 | 50 |
| 514 | The integrative metabolomic-transcriptomic landscape of glioblastoma multiforme. <i>Oncotarget</i> , 2017, 8, 49178-49190. | 0.8 | 22 |
| 515 | MicroRNA-103 suppresses glioma cell proliferation and invasion by targeting the brain-derived neurotrophic factor. <i>Molecular Medicine Reports</i> , 2018, 17, 4083-4089. | 1.1 | 10 |
| 516 | The effect of glioblastoma heterogeneity on survival stratification: a multimodal MR imaging texture analysis. <i>Acta Radiologica</i> , 2018, 59, 1239-1246. | 0.5 | 25 |
| 517 | miRNA-124/Neuropilin-1 (NRP-1) axis plays an important role in mediating glioblastoma growth and angiogenesis. <i>International Journal of Cancer</i> , 2018, 143, 635-644. | 2.3 | 87 |
| 518 | Interference with PSMB4 Expression Exerts an Anti-Tumor Effect by Decreasing the Invasion and Proliferation of Human Glioblastoma Cells. <i>Cellular Physiology and Biochemistry</i> , 2018, 45, 819-831. | 1.1 | 7 |
| 519 | Annexin A5 promote glioma cell invasion and migration via the PI3K/Akt/NF- κ B signaling pathway. <i>Journal of Neuro-Oncology</i> , 2018, 138, 469-478. | 1.4 | 18 |
| 520 | Efficient Gene Silencing in Brain Tumors with Hydrophobically Modified siRNAs. <i>Molecular Cancer Therapeutics</i> , 2018, 17, 1251-1258. | 1.9 | 14 |
| 521 | Duocarmycin SA, a potent antitumor antibiotic, sensitizes glioblastoma cells to proton radiation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 2688-2692. | 1.0 | 5 |
| 522 | Overexpression of lncRNA DANCR positively affects progression of glioma via activating Wnt/ β -catenin signaling. <i>Biomedicine and Pharmacotherapy</i> , 2018, 102, 602-607. | 2.5 | 51 |
| 523 | Radiomic MRI signature reveals three distinct subtypes of glioblastoma with different clinical and molecular characteristics, offering prognostic value beyond IDH1. <i>Scientific Reports</i> , 2018, 8, 5087. | 1.6 | 124 |
| 524 | FBW7 is associated with prognosis, inhibits malignancies and enhances temozolomide sensitivity in glioblastoma cells. <i>Cancer Science</i> , 2018, 109, 1001-1011. | 1.7 | 26 |
| 525 | The role of septin 7 in physiology and pathological disease: A systematic review of current status. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 3298-3307. | 1.6 | 26 |
| 526 | CPEB4 regulates glioblastoma cell proliferation and predicts poor outcome of patients. <i>Clinical Neurology and Neurosurgery</i> , 2018, 169, 92-97. | 0.6 | 6 |
| 528 | Actin-capping protein CapG is associated with prognosis, proliferation and metastasis in human glioma. <i>Oncology Reports</i> , 2018, 39, 1011-1022. | 1.2 | 23 |
| 529 | Cytotoxicity of Ir-areneruthenium -based molecules to glioblastoma cells and their recognition by multidrug ABC transporters. <i>European Journal of Medicinal Chemistry</i> , 2018, 148, 165-177. | 2.6 | 5 |
| 530 | Glioma through the looking GLASS: molecular evolution of diffuse gliomas and the Glioma Longitudinal Analysis Consortium. <i>Neuro-Oncology</i> , 2018, 20, 873-884. | 0.6 | 119 |
| 531 | Synthesis of ^{18}F Fluorofenbufen Octylamide for PET Imaging of Brain Tumors. <i>Journal of the Chinese Chemical Society</i> , 2018, 65, 780-792. | 0.8 | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 532 | Cell death-based treatment of glioblastoma. <i>Cell Death and Disease</i> , 2018, 9, 121. | 2.7 | 42 |
| 533 | Knockdown of TRIM37 suppresses the proliferation, migration and invasion of glioma cells through the inactivation of PI3K/Akt signaling pathway. <i>Biomedicine and Pharmacotherapy</i> , 2018, 99, 59-64. | 2.5 | 50 |
| 534 | YAP Promotes Migration and Invasion of Human Glioma Cells. <i>Journal of Molecular Neuroscience</i> , 2018, 64, 262-272. | 1.1 | 39 |
| 535 | Magnolol Inhibits Human Glioblastoma Cell Migration by Regulating N-Cadherin. <i>Journal of Neuropathology and Experimental Neurology</i> , 2018, 77, 426-436. | 0.9 | 19 |
| 536 | Kaempferol-loaded mucoadhesive nanoemulsion for intranasal administration reduces glioma growth in vitro. <i>International Journal of Pharmaceutics</i> , 2018, 543, 214-223. | 2.6 | 112 |
| 537 | Polysaccharide peptide isolated from grass-cultured <i>Ganoderma lucidum</i> induces anti-proliferative and pro-apoptotic effects in the human U251 glioma cell line. <i>Oncology Letters</i> , 2018, 15, 4330-4336. | 0.8 | 7 |
| 538 | Anticarcinogenicity and Toxicity of Organotin(IV) Complexes: A Review. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2018, 42, 505-524. | 0.7 | 19 |
| 539 | High Expression of Vimentin is Associated With Progression and a Poor Outcome in Glioblastoma. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2018, 26, 337-344. | 0.6 | 54 |
| 540 | Pro-necrotic Activity of Cationic Mastoparan Peptides in Human Glioblastoma Multiforme Cells Via Membranolytic Action. <i>Molecular Neurobiology</i> , 2018, 55, 5490-5504. | 1.9 | 35 |
| 541 | Dual-targeting immunoliposomes using angiopep-2 and CD133 antibody for glioblastoma stem cells. <i>Journal of Controlled Release</i> , 2018, 269, 245-257. | 4.8 | 85 |
| 542 | Sinomenine inhibits the growth of glioma cells through STAT3 signal pathway. <i>Journal of Applied Biomedicine</i> , 2018, 16, 22-28. | 0.6 | 0 |
| 543 | High expression of VRK1 is related to poor prognosis in glioma. <i>Pathology Research and Practice</i> , 2018, 214, 112-118. | 1.0 | 16 |
| 544 | Glioblastoma and chemoresistance to alkylating agents: Involvement of apoptosis, autophagy, and unfolded protein response. , 2018, 184, 13-41. | | 230 |
| 545 | A SRSF1 self-binding mechanism restrains Mir505-3p from inhibiting proliferation of neural tumor cell lines. <i>Anti-Cancer Drugs</i> , 2018, 29, 40-49. | 0.7 | 11 |
| 546 | Radiomic signature of infiltration in peritumoral edema predicts subsequent recurrence in glioblastoma: implications for personalized radiotherapy planning. <i>Journal of Medical Imaging</i> , 2018, 5, 1. | 0.8 | 82 |
| 547 | Allicin induces apoptosis through activation of both intrinsic and extrinsic pathways in glioma cells. <i>Molecular Medicine Reports</i> , 2018, 17, 5976-5981. | 1.1 | 27 |
| 548 | Cyclin-dependent kinase 10 prevents glioma metastasis via modulation of Snail expression. <i>Molecular Medicine Reports</i> , 2018, 18, 1165-1170. | 1.1 | 3 |
| 549 | Current Trends in Glioblastoma Treatment. , 0, , . | | 4 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 550 | Tumor Treating Fields: Adjuvant Treatment for High-grade Gliomas. <i>Seminars in Oncology Nursing</i> , 2018, 34, 454-464. | 0.7 | 16 |
| 551 | Long Noncoding RNA H19 Promotes Proliferation and Invasion in Human Glioma Cells by Downregulating miR-152. <i>Oncology Research</i> , 2018, 26, 1419-1428. | 0.6 | 45 |
| 552 | Inhibition of Cyclin D1 Expression in Human Glioblastoma Cells is Associated with Increased Temozolomide Chemosensitivity. <i>Cellular Physiology and Biochemistry</i> , 2018, 51, 2496-2508. | 1.1 | 24 |
| 553 | NR2C2-uORF targeting UCA1-miR-627-5p-NR2C2 feedback loop to regulate the malignant behaviors of glioma cells. <i>Cell Death and Disease</i> , 2018, 9, 1165. | 2.7 | 27 |
| 554 | Cell Cycle Changes after Glioblastoma Stem Cell Irradiation: The Major Role of RAD51. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3018. | 1.8 | 27 |
| 555 | Potential Strategies Overcoming the Temozolomide Resistance for Glioblastoma. <i>Neurologia Medico-Chirurgica</i> , 2018, 58, 405-421. | 1.0 | 222 |
| 556 | Î²1,6 GlcNAc branches-modified protein tyrosine phosphatase Mu attenuates its tyrosine phosphatase activity and promotes glioma cell migration through PLCÎ³3-PKC pathways. <i>Biochemical and Biophysical Research Communications</i> , 2018, 505, 569-577. | 1.0 | 3 |
| 557 | c-Fos/microRNA-18a feedback loop modulates the tumor growth via HMBOX1 in human gliomas. <i>Biomedicine and Pharmacotherapy</i> , 2018, 107, 1705-1711. | 2.5 | 16 |
| 558 | The Current Status and Future Prospects of Oncolytic Viruses in Clinical Trials against Melanoma, Glioma, Pancreatic, and Breast Cancers. <i>Cancers</i> , 2018, 10, 356. | 1.7 | 123 |
| 559 | Oncogenic DIRAS3 promotes malignant phenotypes of glioma by activating EGFR-AKT signaling. <i>Biochemical and Biophysical Research Communications</i> , 2018, 505, 413-418. | 1.0 | 9 |
| 560 | Nitazoxanide, an antiprotozoal drug, inhibits late-stage autophagy and promotes ING1-induced cell cycle arrest in glioblastoma. <i>Cell Death and Disease</i> , 2018, 9, 1032. | 2.7 | 45 |
| 561 | Glial Cell Line-Derived Neurotrophic Factor (GDNF) Promotes Angiogenesis through the Demethylation of the Fibromodulin (FMOD) Promoter in Glioblastoma. <i>Medical Science Monitor</i> , 2018, 24, 6137-6143. | 0.5 | 20 |
| 562 | Boosting RNAi therapy for orthotopic glioblastoma with nontoxic brain-targeting chimaeric polymersomes. <i>Journal of Controlled Release</i> , 2018, 292, 163-171. | 4.8 | 52 |
| 563 | Ars2 promotes cell proliferation and tumorigenicity in glioblastoma through regulating miR-6798-3p. <i>Scientific Reports</i> , 2018, 8, 15602. | 1.6 | 6 |
| 564 | Knockdown of DSPP inhibits the migration and invasion of glioma cells. <i>Pathology Research and Practice</i> , 2018, 214, 2025-2030. | 1.0 | 1 |
| 565 | Identification of COL1A1 as an invasion-related gene in malignant astrocytoma. <i>International Journal of Oncology</i> , 2018, 53, 2542-2554. | 1.4 | 31 |
| 566 | Glioblastoma-targeted CD4+ CAR T cells mediate superior antitumor activity. <i>JCI Insight</i> , 2018, 3, . | 2.3 | 150 |
| 567 | FOXA1 is upregulated in glioma and promotes proliferation as well as cell cycle through regulation of cyclin D1 expression. <i>Cancer Management and Research</i> , 2018, Volume 10, 3283-3293. | 0.9 | 7 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 568 | PDZ-RhoGEF Is a Signaling Effector for TROY-Induced Glioblastoma Cell Invasion and Survival. <i>Neoplasia</i> , 2018, 20, 1045-1058. | 2.3 | 15 |
| 569 | Genetic and clinical characterization of B7 β (CD276) expression and epigenetic regulation in diffuse brain glioma. <i>Cancer Science</i> , 2018, 109, 2697-2705. | 1.7 | 73 |
| 570 | Microvascular fractal dimension predicts prognosis and response to chemotherapy in glioblastoma: an automatic image analysis study. <i>Laboratory Investigation</i> , 2018, 98, 924-934. | 1.7 | 23 |
| 571 | Regulation of the oxidative balance with coenzyme Q10 sensitizes human glioblastoma cells to radiation and temozolomide. <i>Radiotherapy and Oncology</i> , 2018, 128, 236-244. | 0.3 | 19 |
| 572 | Ibrutinib inactivates BMX-STAT3 in glioma stem cells to impair malignant growth and radioresistance. <i>Science Translational Medicine</i> , 2018, 10, . | 5.8 | 112 |
| 573 | Automatic Semantic Segmentation of Brain Gliomas from MRI Images Using a Deep Cascaded Neural Network. <i>Journal of Healthcare Engineering</i> , 2018, 2018, 1-14. | 1.1 | 130 |
| 574 | Prediction of the anti-glioma therapeutic effects of temozolomide through in vivo molecular imaging of MMP expression. <i>Biomedical Optics Express</i> , 2018, 9, 3193. | 1.5 | 7 |
| 575 | Silencing of telomere-binding protein adrenocortical dysplasia (ACD) homolog enhances radiosensitivity in glioblastoma cells. <i>Translational Research</i> , 2018, 202, 99-108. | 2.2 | 5 |
| 576 | Prognostic value of NUSAP1 in progression and expansion of glioblastoma multiforme. <i>Journal of Neuro-Oncology</i> , 2018, 140, 199-208. | 1.4 | 30 |
| 577 | PBX3/MEK/ERK1/2/LIN28/let-7b positive feedback loop enhances mesenchymal phenotype to promote glioblastoma migration and invasion. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 158. | 3.5 | 27 |
| 578 | LRIG2 promotes the proliferation and cell cycle progression of glioblastoma cells in vitro and in vivo through enhancing PDGFR β signaling. <i>International Journal of Oncology</i> , 2018, 53, 1069-1082. | 1.4 | 11 |
| 579 | CircRNA circHIPK3 serves as a prognostic marker to promote glioma progression by regulating miR-654/IGF2BP3 signaling. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 1570-1574. | 1.0 | 137 |
| 580 | Inhibition of autophagy potentiated the anti-tumor effects of VEGF and CD47 bispecific therapy in glioblastoma. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 6503-6513. | 1.7 | 24 |
| 581 | Actin like-6A promotes glioma progression through stabilization of transcriptional regulators YAP/TAZ. <i>Cell Death and Disease</i> , 2018, 9, 517. | 2.7 | 49 |
| 582 | Insulin-like growth factor 1/insulin-like growth factor 1 receptor signaling protects against cell apoptosis through the PI3K/AKT pathway in glioblastoma cells. <i>Experimental and Therapeutic Medicine</i> , 2018, 16, 1477-1482. | 0.8 | 32 |
| 583 | Combination with TMZ and miR-505 inhibits the development of glioblastoma by regulating the WNT7B/Wnt/ β -catenin signaling pathway. <i>Gene</i> , 2018, 672, 172-179. | 1.0 | 23 |
| 584 | Protein Toxin Chaperoned by LRP β -Targeted Virus-Mimicking Vesicles Induces High-Efficiency Glioblastoma Therapy In Vivo. <i>Advanced Materials</i> , 2018, 30, e1800316. | 11.1 | 121 |
| 585 | Expression profile of circular RNAs in IDH-wild type glioblastoma tissues. <i>Clinical Neurology and Neurosurgery</i> , 2018, 171, 168-173. | 0.6 | 18 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 586 | Kinins in Glioblastoma Microenvironment. <i>Cancer Microenvironment</i> , 2019, 12, 77-94. | 3.1 | 12 |
| 587 | Upregulated Expression of CUX1 Correlates with Poor Prognosis in Glioma Patients: a Bioinformatic Analysis. <i>Journal of Molecular Neuroscience</i> , 2019, 69, 527-537. | 1.1 | 5 |
| 588 | Improving survival prediction of high-grade glioma via machine learning techniques based on MRI radiomic, genetic and clinical risk factors. <i>European Journal of Radiology</i> , 2019, 120, 108609. | 1.2 | 48 |
| 589 | Mechanism of methylation and acetylation of high GDNF transcription in glioma cells: A review. <i>Heliyon</i> , 2019, 5, e01951. | 1.4 | 12 |
| 590 | EZH2 Phosphorylation Promotes Self-Renewal of Glioma Stem-Like Cells Through NF- κ B Methylation. <i>Frontiers in Oncology</i> , 2019, 9, 641. | 1.3 | 26 |
| 591 | The Prognostic and Therapeutic Potential of LRIG3 and Soluble LRIG3 in Glioblastoma. <i>Frontiers in Oncology</i> , 2019, 9, 447. | 1.3 | 10 |
| 592 | PTB-AS, a Novel Natural Antisense Transcript, Promotes Glioma Progression by Improving PTBP1 mRNA Stability with SND1. <i>Molecular Therapy</i> , 2019, 27, 1621-1637. | 3.7 | 22 |
| 593 | YY1-Activated Long Noncoding RNA SNHG5 Promotes Glioblastoma Cell Proliferation Through p38/MAPK Signaling Pathway. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2019, 34, 589-596. | 0.7 | 23 |
| 594 | Enhanced blood-brain-barrier penetrability and tumor-targeting efficiency by peptide-functionalized poly(amidoamine) dendrimer for the therapy of gliomas. <i>Nanotheranostics</i> , 2019, 3, 311-330. | 2.7 | 39 |
| 595 | Lovastatin Enhances Cytotoxicity of Temozolomide via Impairing Autophagic Flux in Glioblastoma Cells. <i>BioMed Research International</i> , 2019, 2019, 1-12. | 0.9 | 27 |
| 596 | Combined Therapy Sensitivity Index Based on a 13-Gene Signature Predicts Prognosis for IDH Wild-type and MGMT Promoter Unmethylated Glioblastoma Patients. <i>Journal of Cancer</i> , 2019, 10, 5536-5548. | 1.2 | 10 |
| 597 | Survival, costs, and health care resource use by line of therapy in US Medicare patients with newly diagnosed glioblastoma: a retrospective observational study. <i>Neuro-Oncology Practice</i> , 2019, 7, 164-175. | 1.0 | 3 |
| 598 | How to Improve the Deep Residual Network to Segment Multi-Modal Brain Tumor Images. <i>IEEE Access</i> , 2019, 7, 152821-152831. | 2.6 | 26 |
| 599 | Ganoderic acid A holds promising cytotoxicity on human glioblastoma mediated by incurring apoptosis and autophagy and inactivating PI3K/AKT signaling pathway. <i>Journal of Biochemical and Molecular Toxicology</i> , 2019, 33, e22392. | 1.4 | 32 |
| 600 | MicroRNA-576-3p inhibits the migration and proangiogenic abilities of hypoxia-treated glioma cells through hypoxia-inducible factor-1 α . <i>International Journal of Molecular Medicine</i> , 2019, 43, 2387-2397. | 1.8 | 19 |
| 601 | Effective cost optimization approach in Healthcare to Minimize the treatment cost of Brain-tumor Patients. , 2019, , . | | 0 |
| 602 | Potential Therapeutic Effects of Exosomes Packed With a miR-21-Sponge Construct in a Rat Model of Glioblastoma. <i>Frontiers in Oncology</i> , 2019, 9, 782. | 1.3 | 78 |
| 603 | A Multi-parametric MRI-Based Radiomics Signature and a Practical ML Model for Stratifying Glioblastoma Patients Based on Survival Toward Precision Oncology. <i>Frontiers in Computational Neuroscience</i> , 2019, 13, 58. | 1.2 | 36 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 604 | DHFR/TYMS are positive regulators of glioma cell growth and modulate chemo-sensitivity to temozolomide. <i>European Journal of Pharmacology</i> , 2019, 863, 172665. | 1.7 | 26 |
| 605 | <p>Positive feedback loop of lncRNA HOXC-AS2/miR-876-5p/ZEB1 to regulate EMT in glioma</p>. <i>OncoTargets and Therapy</i> , 2019, Volume 12, 7601-7609. | 1.0 | 30 |
| 606 | ELTD1 facilitates glioma proliferation, migration and invasion by activating JAK/STAT3/HIF-1 α signaling axis. <i>Scientific Reports</i> , 2019, 9, 13904. | 1.6 | 32 |
| 607 | 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 |
| 608 | Potential lethal damage repair in glioblastoma cells irradiated with ion beams of various types and levels of linear energy transfer. <i>Journal of Radiation Research</i> , 2019, 60, 59-68. | 0.8 | 5 |
| 609 | miR-30c Impedes Glioblastoma Cell Proliferation and Migration by Targeting SOX9. <i>Oncology Research</i> , 2019, 27, 165-171. | 0.6 | 30 |
| 610 | Reciprocal regulation of integrin β 4 and KLF4 promotes gliomagenesis through maintaining cancer stem cell traits. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 23. | 3.5 | 32 |
| 611 | Knockdown of lncRNA SCAMP1 suppressed malignant biological behaviours of glioma cells via modulating miR-499a α /LMX1A/NLRC5 pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 5048-5062. | 1.6 | 49 |
| 612 | Truncated TEAD α -binding protein of TAZ inhibits glioma survival through the induction of apoptosis and repression of epithelial \rightarrow mesenchymal transition. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 17337-17344. | 1.2 | 6 |
| 613 | MET in glioma: signaling pathways and targeted therapies. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 270. | 3.5 | 99 |
| 614 | PTPN2 induced by inflammatory response and oxidative stress contributed to glioma progression. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 19044-19051. | 1.2 | 16 |
| 615 | Proneural-Mesenchymal Transition: Phenotypic Plasticity to Acquire Multitherapy Resistance in Glioblastoma. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2746. | 1.8 | 138 |
| 616 | A comprehensive review on miR-451: A promising cancer biomarker with therapeutic potential. <i>Journal of Cellular Physiology</i> , 2019, 234, 21716-21731. | 2.0 | 32 |
| 617 | LIM and SH3 protein 1 induces glioma growth and invasion through PI3K/AKT signaling and epithelial-mesenchymal transition. <i>Biomedicine and Pharmacotherapy</i> , 2019, 116, 109013. | 2.5 | 23 |
| 618 | Pericytes in Glioblastomas: Multifaceted Role Within Tumor Microenvironments and Potential for Therapeutic Interventions. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1147, 65-91. | 0.8 | 22 |
| 619 | Tumor-associated reactive astrocytes aid the evolution of immunosuppressive environment in glioblastoma. <i>Nature Communications</i> , 2019, 10, 2541. | 5.8 | 218 |
| 620 | A deep learning model integrating SK-TPCNN and random forests for brain tumor segmentation in MRI. <i>Biocybernetics and Biomedical Engineering</i> , 2019, 39, 613-623. | 3.3 | 51 |
| 621 | Oncogenic Ras is downregulated by ARHI and induces autophagy by Ras/AKT/mTOR pathway in glioblastoma. <i>BMC Cancer</i> , 2019, 19, 441. | 1.1 | 16 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 622 | Lnc-TALC promotes O6-methylguanine-DNA methyltransferase expression via regulating the c-Met pathway by competitively binding with miR-20b-3p. <i>Nature Communications</i> , 2019, 10, 2045. | 5.8 | 143 |
| 623 | Impact of time to initiation of radiotherapy on survival after resection of newly diagnosed glioblastoma. <i>Radiation Oncology</i> , 2019, 14, 73. | 1.2 | 30 |
| 624 | Integrin α 10, a Novel Therapeutic Target in Glioblastoma, Regulates Cell Migration, Proliferation, and Survival. <i>Cancers</i> , 2019, 11, 587. | 1.7 | 32 |
| 625 | Antioxidant Properties of Curcumin: Impact on Neurological Disorders. , 2019, , 155-167. | | 3 |
| 626 | Hypoxia-associated circDENND2A promotes glioma aggressiveness by sponging miR-625-5p. <i>Cellular and Molecular Biology Letters</i> , 2019, 24, 24. | 2.7 | 53 |
| 627 | Identification of Potential Biomarkers in Glioblastoma through Bioinformatic Analysis and Evaluating Their Prognostic Value. <i>BioMed Research International</i> , 2019, 2019, 1-13. | 0.9 | 43 |
| 628 | EGFLAM correlates with cell proliferation, migration, invasion and poor prognosis in glioblastoma. <i>Cancer Biomarkers</i> , 2019, 24, 343-350. | 0.8 | 8 |
| 629 | TNF α mediated MEK \rightarrow ERK signaling in invasion with putative network involving NF κ B and STAT β : a new perspective in glioma. <i>Cell Biology International</i> , 2019, 43, 1257-1266. | 1.4 | 26 |
| 630 | A radiomics nomogram based on multiparametric MRI might stratify glioblastoma patients according to survival. <i>European Radiology</i> , 2019, 29, 5528-5538. | 2.3 | 48 |
| 631 | Increased DKC1 expression in glioma and its significance in tumor cell proliferation, migration and invasion. <i>Investigational New Drugs</i> , 2019, 37, 1177-1186. | 1.2 | 47 |
| 632 | Deep Learning-Based Framework for In Vivo Identification of Glioblastoma Tumor using Hyperspectral Images of Human Brain. <i>Sensors</i> , 2019, 19, 920. | 2.1 | 104 |
| 633 | Flavonoids from the Amazon plant <i>Brosimum acutifolium</i> induce C6 glioma cell line apoptosis by disrupting mitochondrial membrane potential and reducing AKT phosphorylation. <i>Biomedicine and Pharmacotherapy</i> , 2019, 113, 108728. | 2.5 | 12 |
| 634 | A 5 α gene prognostic nomogram predicting survival probability of glioblastoma patients. <i>Brain and Behavior</i> , 2019, 9, e01258. | 1.0 | 8 |
| 635 | NT5DC2 promotes tumorigenicity of glioma stem-like cells by upregulating fyn. <i>Cancer Letters</i> , 2019, 454, 98-107. | 3.2 | 28 |
| 636 | Reactive Oxygen Species (ROS)-Based Nanomedicine. <i>Chemical Reviews</i> , 2019, 119, 4881-4985. | 23.0 | 1,519 |
| 637 | Bufalin Induces Apoptosis and Improves the Sensitivity of Human Glioma Stem-Like Cells to Temozolamide. <i>Oncology Research</i> , 2019, 27, 475-486. | 0.6 | 17 |
| 638 | The interplay between glioblastoma and microglia cells leads to endothelial cell monolayer dysfunction via the interleukin α 6 α induced JAK2/STAT3 pathway. <i>Journal of Cellular Physiology</i> , 2019, 234, 19750-19760. | 2.0 | 35 |
| 639 | A RNA sequencing-based six-gene signature for survival prediction in patients with glioblastoma. <i>Scientific Reports</i> , 2019, 9, 2615. | 1.6 | 40 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 640 | Mesoporous silica/organosilica nanoparticles: Synthesis, biological effect and biomedical application. <i>Materials Science and Engineering Reports</i> , 2019, 137, 66-105. | 14.8 | 119 |
| 641 | Constitutive activation of Notch2 signalling confers chemoresistance to neural stem cells via transactivation of fibroblast growth factor receptor-1. <i>Stem Cell Research</i> , 2019, 35, 101390. | 0.3 | 12 |
| 642 | Evaluation of Multi-Modal MRI Images for Brain Tumor Segmentation. , 2019, , . | | 3 |
| 643 | <p>Gain-Of-Function E76K-Mutant SHP2 Promotes Cell Proliferation, Metastasis, And Tumor Growth In Glioblastoma Through Activation Of The ERK/CREB Pathway</p>. <i>OncoTargets and Therapy</i> , 2019, Volume 12, 9435-9447. | 1.0 | 12 |
| 644 | Multi-grade brain tumor classification using deep CNN with extensive data augmentation. <i>Journal of Computational Science</i> , 2019, 30, 174-182. | 1.5 | 513 |
| 645 | Repurposing of idebenone as a potential anti-cancer agent. <i>Biochemical Journal</i> , 2019, 476, 245-259. | 1.7 | 10 |
| 646 | How reliable are in vitro IC50 values? Values vary with cytotoxicity assays in human glioblastoma cells. <i>Toxicology Letters</i> , 2019, 302, 28-34. | 0.4 | 30 |
| 647 | Isolinderalactone regulates the BCL-2/caspase-3/PARP pathway and suppresses tumor growth in a human glioblastoma multiforme xenograft mouse model. <i>Cancer Letters</i> , 2019, 443, 25-33. | 3.2 | 32 |
| 648 | LRRC8A potentiates temozolomide sensitivity in glioma cells via activating mitochondria-dependent apoptotic pathway. <i>Human Cell</i> , 2019, 32, 41-50. | 1.2 | 9 |
| 649 | Structure-Optimized Interpolymer Polyphosphazene Complexes for Effective Gene Delivery against Glioblastoma. <i>Advanced Therapeutics</i> , 2019, 2, 1800126. | 1.6 | 11 |
| 650 | The radiobiological effects of He, C and Ne ions as a function of LET on various glioblastoma cell lines. <i>Journal of Radiation Research</i> , 2019, 60, 178-188. | 0.8 | 5 |
| 651 | Loss of GINS2 inhibits cell proliferation and tumorigenesis in human gliomas. <i>CNS Neuroscience and Therapeutics</i> , 2019, 25, 273-287. | 1.9 | 22 |
| 652 | Relationship between expression of XRCC1 and tumor proliferation, migration, invasion, and angiogenesis in glioma. <i>Investigational New Drugs</i> , 2019, 37, 646-657. | 1.2 | 19 |
| 653 | The Increased Expression of Estrogen-Related Receptor β Correlates with Wnt5a and Poor Prognosis in Patients with Glioma. <i>Molecular Cancer Therapeutics</i> , 2019, 18, 173-184. | 1.9 | 11 |
| 654 | TRIM8-driven transcriptomic profile of neural stem cells identified glioma-related nodal genes and pathways. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019, 1863, 491-501. | 1.1 | 22 |
| 655 | Long noncoding RNA HOXD β AS2 regulates cell cycle to promote glioma progression. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 8343-8351. | 1.2 | 28 |
| 656 | Progress and Prospects of Recurrent Glioma: A Recent Scientometric Analysis of the Web of Science in 2019. <i>World Neurosurgery</i> , 2020, 134, e387-e399. | 0.7 | 28 |
| 657 | IFITM3/STAT3 axis promotes glioma cells invasion and is modulated by TGF β ² . <i>Molecular Biology Reports</i> , 2020, 47, 433-441. | 1.0 | 20 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 658 | A novel PTPRZ1-ETV1 fusion in gliomas. <i>Brain Pathology</i> , 2020, 30, 226-234. | 2.1 | 8 |
| 659 | Multi-Targeting by <i>Eleme</i> and Its Anticancer Properties: A Good Choice for Oncotherapy and Radiochemotherapy Sensitization. <i>Nutrition and Cancer</i> , 2020, 72, 554-567. | 0.9 | 14 |
| 660 | Metabolic reprogramming associated with aggressiveness occurs in the G-CIMP-high molecular subtypes of IDH1mut lower grade gliomas. <i>Neuro-Oncology</i> , 2020, 22, 480-492. | 0.6 | 31 |
| 661 | Brain malignancies: Glioblastoma and brain metastases. <i>Seminars in Cancer Biology</i> , 2020, 60, 262-273. | 4.3 | 208 |
| 662 | Targeting the Sphingolipid System as a Therapeutic Direction for Glioblastoma. <i>Cancers</i> , 2020, 12, 111. | 1.7 | 31 |
| 663 | Antitumor functions and mechanisms of nitidine chloride in human cancers. <i>Journal of Cancer</i> , 2020, 11, 1250-1256. | 1.2 | 33 |
| 664 | Magnetic iron oxide nanoparticles for imaging, targeting and treatment of primary and metastatic tumors of the brain. <i>Journal of Controlled Release</i> , 2020, 320, 45-62. | 4.8 | 180 |
| 665 | Brain Tumor Detection by Using Stacked Autoencoders in Deep Learning. <i>Journal of Medical Systems</i> , 2020, 44, 32. | 2.2 | 97 |
| 666 | LINC00511 contributes to glioblastoma tumorigenesis and epithelial-mesenchymal transition via LINC00511/miR-524-5p/YB1/ZEB1 positive feedback loop. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 1474-1487. | 1.6 | 33 |
| 667 | EGFR amplification is a real independent prognostic impact factor between young adults and adults over 45yo with wild-type glioblastoma?. <i>Journal of Neuro-Oncology</i> , 2020, 146, 275-284. | 1.4 | 16 |
| 668 | Active deep neural network features selection for segmentation and recognition of brain tumors using MRI images. <i>Pattern Recognition Letters</i> , 2020, 129, 181-189. | 2.6 | 199 |
| 669 | CCL8 secreted by tumor-associated macrophages promotes invasion and stemness of glioblastoma cells via ERK1/2 signaling. <i>Laboratory Investigation</i> , 2020, 100, 619-629. | 1.7 | 91 |
| 670 | Cancer of the Central Nervous System. , 2020, , 906-967.e12. | | 9 |
| 671 | Reduced expression of proteolipid protein 2 increases ER stress-induced apoptosis and autophagy in glioblastoma. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 2847-2856. | 1.6 | 13 |
| 672 | Tannic acid elicits selective antitumoral activity in vitro and inhibits cancer cell growth in a preclinical model of glioblastoma multiforme. <i>Metabolic Brain Disease</i> , 2020, 35, 283-293. | 1.4 | 23 |
| 673 | Selection of reference genes suitable for normalization of RT-qPCR data in glioma stem cells. <i>BioTechniques</i> , 2020, 68, 130-137. | 0.8 | 8 |
| 674 | Long non-coding RNA LPP-AS2 promotes glioma tumorigenesis via miR-7-5p/EGFR/PI3K/AKT/c-MYC feedback loop. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 196. | 3.5 | 41 |
| 675 | <p></p>Glucose-coated Berberine Nanodrug for Glioma Therapy through Mitochondrial Pathway<p></p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 7951-7965. | 3.3 | 13 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 676 | <p></p>MicroRNA-6071 Suppresses Glioblastoma Progression Through the Inhibition of PI3K/AKT/mTOR Pathway by Binding to ULBP2</p>. OncoTargets and Therapy, 2020, Volume 13, 9429-9441. | 1.0 | 13 |
| 677 | <p></p>MicroRNA-623 Inhibits Epithelialâ€Mesenchymal Transition to Attenuate Glioma Proliferation by Targeting TRIM44</p>. OncoTargets and Therapy, 2020, Volume 13, 9291-9303. | 1.0 | 9 |
| 678 | Circular RNA CIRC_HIPK3 Elevates CCND2 Expression and Promotes Cell Proliferation and Invasion Through miR-124 in Glioma. Frontiers in Genetics, 2020, 11, 1013. | 1.1 | 25 |
| 679 | <p></p>CircTTBK2 Contributes to the Progression of Glioma Through Regulating miR-145-5p/CPEB4 Axis</p>. Cancer Management and Research, 2020, Volume 12, 8183-8195. | 0.9 | 11 |
| 680 | The Role of Translocator Protein TSPO in Hallmarks of Glioblastoma. Cancers, 2020, 12, 2973. | 1.7 | 39 |
| 681 | Survival impact of delaying postoperative chemoradiotherapy in newly-diagnosed glioblastoma patients. Translational Cancer Research, 2020, 9, 5450-5458. | 0.4 | 4 |
| 682 | Optimal treatment strategy for adult patients with newly diagnosed glioblastoma: a systematic review and network meta-analysis. Neurosurgical Review, 2021, 44, 1943-1955. | 1.2 | 10 |
| 683 | Identification of PIEZO1 as a potential prognostic marker in gliomas. Scientific Reports, 2020, 10, 16121. | 1.6 | 39 |
| 684 | Periostin Is Expressed by Pericytes and Is Crucial for Angiogenesis in Glioma. Journal of Neuropathology and Experimental Neurology, 2020, 79, 863-872. | 0.9 | 20 |
| 685 | Coding of Glioblastoma Progression and Therapy Resistance through Long Noncoding RNAs. Cancers, 2020, 12, 1842. | 1.7 | 26 |
| 686 | RELL1, a novel oncogene, accelerates tumor progression and regulates immune infiltrates in glioma. International Immunopharmacology, 2020, 87, 106707. | 1.7 | 14 |
| 687 | LOXL2 Upregulation in Gliomas Drives Tumorigenicity by Activating Autophagy to Promote TMZ Resistance and Trigger EMT. Frontiers in Oncology, 2020, 10, 569584. | 1.3 | 18 |
| 688 | Immune Checkpoint Targeted Therapy in Glioma: Status and Hopes. Frontiers in Immunology, 2020, 11, 578877. | 2.2 | 76 |
| 689 | Redox Regulator GLRX Is Associated With Tumor Immunity in Glioma. Frontiers in Immunology, 2020, 11, 580934. | 2.2 | 17 |
| 690 | <p></p>LncRNA TMPO-AS1 Promotes Proliferation and Invasion by Sponging miR-383-5p in Glioma Cells</p>. Cancer Management and Research, 2020, Volume 12, 12001-12009. | 0.9 | 11 |
| 691 | Molecular signatures of BRCAness analysis identifies PARP inhibitor Niraparib as a novel targeted therapeutic strategy for soft tissue Sarcomas. Theranostics, 2020, 10, 9477-9494. | 4.6 | 19 |
| 692 | Phospholipase <sc>D1</sc> inhibition sensitizes glioblastoma to temozolomide and suppresses its tumorigenicity. Journal of Pathology, 2020, 252, 304-316. | 2.1 | 9 |
| 693 | <p></p>Clinical and Molecular Characterization of Incidentally Discovered Lower-Grade Gliomas with Enrichment of Aerobic Respiration</p>. OncoTargets and Therapy, 2020, Volume 13, 9533-9542. | 1.0 | 8 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 694 | The Multi-Faceted Effect of Curcumin in Glioblastoma from Rescuing Cell Clearance to Autophagy-Independent Effects. <i>Molecules</i> , 2020, 25, 4839. | 1.7 | 33 |
| 695 | MicroRNA miR-100 Decreases Glioblastoma Growth by Targeting SMARCA5 and ErbB3 in Tumor-Initiating Cells. <i>Technology in Cancer Research and Treatment</i> , 2020, 19, 153303382096074. | 0.8 | 14 |
| 696 | LncRNA BCYRN1 inhibits glioma tumorigenesis by competitively binding with miR-619-5p to regulate CUEDC2 expression and the PTEN/AKT/p21 pathway. <i>Oncogene</i> , 2020, 39, 6879-6892. | 2.6 | 71 |
| 697 | Current Perspectives on Therapies, Including Drug Delivery Systems, for Managing Glioblastoma Multiforme. <i>ACS Chemical Neuroscience</i> , 2020, 11, 2962-2977. | 1.7 | 15 |
| 698 | <p>Allicin Inhibits Proliferation by Decreasing IL-6 and IFN- γ in HCMV-Infected Glioma Cells</p>. <i>Cancer Management and Research</i> , 2020, Volume 12, 7305-7317. | 0.9 | 9 |
| 699 | Anti-vimentin, anti-TUFM, anti-NAP1L1 and anti-DPYSL2 nanobodies display cytotoxic effect and reduce glioblastoma cell migration. <i>Therapeutic Advances in Medical Oncology</i> , 2020, 12, 175883592091530. | 1.4 | 25 |
| 700 | LINC01198 facilitates gliomagenesis through activating PI3K/AKT pathway. <i>RNA Biology</i> , 2020, 17, 1040-1052. | 1.5 | 9 |
| 701 | <i>STAT1</i> determines aggressiveness of glioblastoma both in vivo and in vitro through wnt/ β -catenin signalling pathway. <i>Cell Biochemistry and Function</i> , 2020, 38, 630-641. | 1.4 | 8 |
| 702 | TRIM24 promotes stemness and invasiveness of glioblastoma cells via activating Sox2 expression. <i>Neuro-Oncology</i> , 2020, 22, 1797-1808. | 0.6 | 27 |
| 703 | Survival-relevant high-risk subregion identification for glioblastoma patients: the MRI-based multiple instance learning approach. <i>European Radiology</i> , 2020, 30, 5602-5610. | 2.3 | 16 |
| 704 | HTTU-Net: Hybrid Two Track U-Net for Automatic Brain Tumor Segmentation. <i>IEEE Access</i> , 2020, 8, 101406-101415. | 2.6 | 76 |
| 705 | Multi-scale segmentation in GBM treatment using diffusion tensor imaging. <i>Computers in Biology and Medicine</i> , 2020, 123, 103815. | 3.9 | 14 |
| 706 | Newcastle Disease Virus (NDV) Oncolytic Activity in Human Glioma Tumors Is Dependent on CDKN2A-Type I IFN Gene Cluster Codeletion. <i>Cells</i> , 2020, 9, 1405. | 1.8 | 20 |
| 707 | MicroRNA-351 Promotes the Proliferation and Invasion of Glioma Cells through Downregulation of NAIF1. <i>Journal of Molecular Neuroscience</i> , 2020, 70, 1493-1499. | 1.1 | 3 |
| 708 | PD-L1 Inhibitor Regulates the miR-33a-5p/PTEN Signaling Pathway and Can Be Targeted to Sensitize Glioblastomas to Radiation. <i>Frontiers in Oncology</i> , 2020, 10, 821. | 1.3 | 14 |
| 709 | ST1926 inhibits glioma progression through regulating mitochondrial complex II. <i>Biomedicine and Pharmacotherapy</i> , 2020, 128, 110291. | 2.5 | 6 |
| 710 | Reciprocal control of ADAM17/EGFR/Akt signaling and miR-145 drives GBM invasiveness. <i>Journal of Neuro-Oncology</i> , 2020, 147, 327-337. | 1.4 | 11 |
| 711 | Malignant Evaluation and Clinical Prognostic Values of m6A RNA Methylation Regulators in Glioblastoma. <i>Frontiers in Oncology</i> , 2020, 10, 208. | 1.3 | 47 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 712 | Radiomics Features Predict CIC Mutation Status in Lower Grade Glioma. <i>Frontiers in Oncology</i> , 2020, 10, 937. | 1.3 | 20 |
| 713 | Immune and Clinical Features of CD96 Expression in Glioma by in silico Analysis. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 592. | 2.0 | 23 |
| 714 | Bioinformatics analysis of high-throughput data to validate potential novel biomarkers and small molecule drugs for glioblastoma multiforme. <i>Journal of International Medical Research</i> , 2020, 48, 030006052092454. | 0.4 | 2 |
| 715 | P2X7 receptor antagonism inhibits tumour growth in human high-grade gliomas. <i>Purinergic Signalling</i> , 2020, 16, 327-336. | 1.1 | 24 |
| 716 | DNA-methylation-mediated activating of lncRNA SNHG12 promotes temozolomide resistance in glioblastoma. <i>Molecular Cancer</i> , 2020, 19, 28. | 7.9 | 159 |
| 717 | Identification of Novel lncRNA Markers in Glioblastoma Multiforme and Their Clinical Significance: A Study Based on Multiple Sequencing Data. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 1087-1098. | 1.0 | 6 |
| 718 | Calpain suppresses cell growth and invasion of glioblastoma multiforme by producing the cleavage of filamin A. <i>International Journal of Clinical Oncology</i> , 2020, 25, 1055-1066. | 1.0 | 3 |
| 719 | One-Pass Multi-Task Networks With Cross-Task Guided Attention for Brain Tumor Segmentation. <i>IEEE Transactions on Image Processing</i> , 2020, 29, 4516-4529. | 6.0 | 139 |
| 720 | Tumor Microenvironment Characterization in Glioblastoma Identifies Prognostic and Immunotherapeutically Relevant Gene Signatures. <i>Journal of Molecular Neuroscience</i> , 2020, 70, 738-750. | 1.1 | 6 |
| 721 | Association between glioblastoma cell-derived vessels and poor prognosis of the patients. <i>Cancer Communications</i> , 2020, 40, 211-221. | 3.7 | 11 |
| 722 | CC12 Induces Apoptotic Cell Death and Cell Cycle Arrest in Human Glioblastoma Cell Lines and Mouse Xenograft Model. <i>Molecules</i> , 2020, 25, 1793. | 1.7 | 1 |
| 723 | NUSAP1 potentiates chemoresistance in glioblastoma through its SAP domain to stabilize ATR. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 44. | 7.1 | 37 |
| 724 | Protein disulphide isomerase can predict the clinical prognostic value and contribute to malignant progression in gliomas. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 5888-5900. | 1.6 | 11 |
| 725 | Long Noncoding RNA LINC00467 Promotes Glioma Progression through Inhibiting P53 Expression via Binding to DNMT1. <i>Journal of Cancer</i> , 2020, 11, 2935-2944. | 1.2 | 23 |
| 726 | Precise visual distinction of brain glioma from normal tissues via targeted photoacoustic and fluorescence navigation. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 27, 102204. | 1.7 | 10 |
| 727 | NCBP3/SNHG6 inhibits GBX2 transcription in a histone modification manner to facilitate the malignant biological behaviour of glioma cells. <i>RNA Biology</i> , 2021, 18, 47-63. | 1.5 | 12 |
| 728 | PTRF/cavin-1 remodels phospholipid metabolism to promote tumor proliferation and suppress immune responses in glioblastoma by stabilizing cPLA2. <i>Neuro-Oncology</i> , 2021, 23, 387-399. | 0.6 | 34 |
| 729 | Long noncoding RNA HNF1A-AS1 regulates proliferation and apoptosis of glioma through activation of the JNK signaling pathway via miR-363a/3p/MAP2K4. <i>Journal of Cellular Physiology</i> , 2021, 236, 1068-1082. | 2.0 | 11 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 730 | MGMT methylation may benefit overall survival in patients with moderately vascularized glioblastomas. <i>European Radiology</i> , 2021, 31, 1738-1747. | 2.3 | 16 |
| 731 | Long noncoding RNA LIFR-AS1 suppresses proliferation, migration and invasion and promotes apoptosis through modulating miR-4262/NF- κ B pathway in glioma. <i>Neurological Research</i> , 2021, 43, 210-219. | 0.6 | 18 |
| 732 | Novel guanidine compounds inhibit platelet-derived growth factor receptor alpha transcription and oligodendrocyte precursor cell proliferation. <i>Glia</i> , 2021, 69, 792-811. | 2.5 | 5 |
| 733 | Tiny 2D silicon quantum sheets: a brain photonic nanoagent for orthotopic glioma theranostics. <i>Science Bulletin</i> , 2021, 66, 147-157. | 4.3 | 17 |
| 734 | NCAPG2 facilitates glioblastoma cells' malignancy and xenograft tumor growth via HBO1 activation by phosphorylation. <i>Cell and Tissue Research</i> , 2021, 383, 693-706. | 1.5 | 17 |
| 735 | EIF4A3-induced circular RNA ASAP1 promotes tumorigenesis and temozolomide resistance of glioblastoma via NRAS/MEK1/ERK1/2 signaling. <i>Neuro-Oncology</i> , 2021, 23, 611-624. | 0.6 | 116 |
| 736 | MGMT-Positive vs MGMT-Negative Patients With Glioblastoma: Identification of Prognostic Factors and Resection Threshold. <i>Neurosurgery</i> , 2021, 88, E323-E329. | 0.6 | 13 |
| 737 | Up-regulation of MARVEL domain-containing protein 1 (MARVELD1) accelerated the malignant phenotype of glioma cancer cells via mediating JAK/STAT signaling pathway. <i>Brazilian Journal of Medical and Biological Research</i> , 2021, 54, e10236. | 0.7 | 4 |
| 738 | The Effect of Heterogenous Subregions in Glioblastomas on Survival Stratification: A Radiomics Analysis Using the Multimodality MRI. <i>Technology in Cancer Research and Treatment</i> , 2021, 20, 153303382110330. | 0.8 | 2 |
| 739 | Hypoxia-induced PLOD1 overexpression contributes to the malignant phenotype of glioblastoma via NF- κ B signaling. <i>Oncogene</i> , 2021, 40, 1458-1475. | 2.6 | 35 |
| 740 | Molecular and cellular mechanisms in recurrent glioblastoma chemoresistance. , 2021, , 365-400. | | 0 |
| 741 | Plasma amino acids indicate glioblastoma with ATRX loss. <i>Amino Acids</i> , 2021, 53, 119-132. | 1.2 | 8 |
| 742 | Overarching therapeutic challenges and arachidonic acid metabolism as a novel target in glioblastoma. , 2021, , 41-63. | | 0 |
| 743 | Guanabenz Sensitizes Glioblastoma Cells to Sunitinib by Inhibiting GADD34-Mediated Autophagic Signaling. <i>Neurotherapeutics</i> , 2021, 18, 1371-1392. | 2.1 | 6 |
| 744 | Low concentrations of vorinostat decrease EB1 expression in GBM cells and affect microtubule dynamics, cell survival and migration. <i>Oncotarget</i> , 2021, 12, 304-315. | 0.8 | 2 |
| 745 | Circulating MicroRNAs as Promising Diagnostic Biomarkers for Patients With Glioma: A Meta-Analysis. <i>Frontiers in Neurology</i> , 2020, 11, 610163. | 1.1 | 12 |
| 746 | Identification of Core Genes and Screening of Potential Targets in Glioblastoma Multiforme by Integrated Bioinformatic Analysis. <i>Frontiers in Oncology</i> , 2020, 10, 615976. | 1.3 | 14 |
| 747 | Novel roles of VAT1 expression in the immunosuppressive action of diffuse gliomas. <i>Cancer Immunology, Immunotherapy</i> , 2021, 70, 2589-2600. | 2.0 | 5 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 748 | Cannabigerol Is a Potential Therapeutic Agent in a Novel Combined Therapy for Glioblastoma. <i>Cells</i> , 2021, 10, 340. | 1.8 | 47 |
| 749 | GDF15: Diagnostic, prognostic, and therapeutic significance in glioblastoma multiforme. <i>Journal of Cellular Physiology</i> , 2021, 236, 5564-5581. | 2.0 | 3 |
| 750 | The Influence of NDRG1 Single Nucleotide Polymorphisms on Glioma Risk and Prognosis in Chinese Han Population. <i>Cellular and Molecular Neurobiology</i> , 2021, , 1. | 1.7 | 2 |
| 751 | The Role of Network Science in Glioblastoma. <i>Cancers</i> , 2021, 13, 1045. | 1.7 | 6 |
| 752 | Chinese Glioma Genome Atlas (CGGA): A Comprehensive Resource with Functional Genomic Data from Chinese Glioma Patients. <i>Genomics, Proteomics and Bioinformatics</i> , 2021, 19, 1-12. | 3.0 | 439 |
| 753 | Long Non-Coding RNAs in Multidrug Resistance of Glioblastoma. <i>Genes</i> , 2021, 12, 455. | 1.0 | 14 |
| 754 | Long non-coding RNA SUMO1P3 promotes tumour progression by regulating cell proliferation and invasion in glioma. <i>Experimental and Therapeutic Medicine</i> , 2021, 21, 491. | 0.8 | 4 |
| 755 | A potentially effective drug for patients with recurrent glioma: sermorelin. <i>Annals of Translational Medicine</i> , 2021, 9, 406-406. | 0.7 | 1 |
| 756 | Physiological and Pathological Factors Affecting Drug Delivery to the Brain by Nanoparticles. <i>Advanced Science</i> , 2021, 8, e2002085. | 5.6 | 25 |
| 757 | N-cadherin upregulation mediates adaptive radioresistance in glioblastoma. <i>Journal of Clinical Investigation</i> , 2021, 131, . | 3.9 | 43 |
| 758 | POU2F2 regulates glycolytic reprogramming and glioblastoma progression via PDPK1-dependent activation of PI3K/AKT/mTOR pathway. <i>Cell Death and Disease</i> , 2021, 12, 433. | 2.7 | 31 |
| 759 | miRNA-193a-3p Regulates the AKT2 Pathway to Inhibit the Growth and Promote the Apoptosis of Glioma Cells by Targeting ALKBH5. <i>Frontiers in Oncology</i> , 2021, 11, 600451. | 1.3 | 9 |
| 760 | CXCR4 antagonism sensitizes cancer cells to novel indole-based MDM2/4 inhibitors in glioblastoma multiforme. <i>European Journal of Pharmacology</i> , 2021, 897, 173936. | 1.7 | 11 |
| 761 | Neutralizing monoclonal antibodies present new prospects to treat SARS-CoV-2 infections. <i>Frontiers of Medicine</i> , 2021, 15, 644-648. | 1.5 | 0 |
| 762 | Identification and Validation of an Immune-Associated RNA-Binding Proteins Signature to Predict Clinical Outcomes and Therapeutic Responses in Glioma Patients. <i>Cancers</i> , 2021, 13, 1730. | 1.7 | 11 |
| 763 | CHI3L2 Is a Novel Prognostic Biomarker and Correlated With Immune Infiltrates in Gliomas. <i>Frontiers in Oncology</i> , 2021, 11, 611038. | 1.3 | 20 |
| 764 | Glioma-on-a-Chip Models. <i>Micromachines</i> , 2021, 12, 490. | 1.4 | 19 |
| 765 | Cytoskeletal proteins as glioblastoma biomarkers and targets for therapy: A systematic review. <i>Critical Reviews in Oncology/Hematology</i> , 2021, 160, 103283. | 2.0 | 17 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 766 | An Update on Glioblastoma Biology, Genetics, and Current Therapies: Novel Inhibitors of the G Protein-Coupled Receptor CCR5. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4464. | 1.8 | 8 |
| 768 | SH2B3, Transcribed by STAT1, Promotes Glioblastoma Progression Through Transducing IL-6/gp130 Signaling to Activate STAT3 Signaling. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 606527. | 1.8 | 6 |
| 769 | Cannabidiol converts NF- κ B into a tumor suppressor in glioblastoma with defined antioxidative properties. <i>Neuro-Oncology</i> , 2021, 23, 1898-1910. | 0.6 | 24 |
| 770 | C3G downregulation induces the acquisition of a mesenchymal phenotype that enhances aggressiveness of glioblastoma cells. <i>Cell Death and Disease</i> , 2021, 12, 348. | 2.7 | 7 |
| 771 | A Prognostic DNA Damage Repair Genes Signature and Its Impact on Immune Cell Infiltration in Glioma. <i>Frontiers in Oncology</i> , 2021, 11, 682932. | 1.3 | 11 |
| 772 | Brain tumor segmentation based on deep learning and an attention mechanism using MRI multi-modalities brain images. <i>Scientific Reports</i> , 2021, 11, 10930. | 1.6 | 253 |
| 773 | An Improvement of Survival Stratification in Glioblastoma Patients via Combining Subregional Radiomics Signatures. <i>Frontiers in Neuroscience</i> , 2021, 15, 683452. | 1.4 | 9 |
| 774 | Analysis of Circulating miRNA Profile in Plasma Samples of Glioblastoma Patients. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5058. | 1.8 | 6 |
| 775 | Knockdown of Long Non-Coding RNA HCP5 Increases Radiosensitivity Through Cellular Senescence by Regulating microRNA-128 in Gliomas. <i>Cancer Management and Research</i> , 2021, Volume 13, 3723-3737. | 0.9 | 10 |
| 777 | Biogenesis, cellular effects, and biomarker value of circHIPK3. <i>Cancer Cell International</i> , 2021, 21, 256. | 1.8 | 13 |
| 778 | Exosomal miR-2276-5p in Plasma Is a Potential Diagnostic and Prognostic Biomarker in Glioma. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 671202. | 1.8 | 27 |
| 779 | Integrative analysis of TP73 profile prognostic significance in WHO grade II/III glioma. <i>Cancer Medicine</i> , 2021, 10, 4644-4657. | 1.3 | 3 |
| 780 | The Roles Played by Long Non-Coding RNAs in Glioma Resistance. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6834. | 1.8 | 16 |
| 781 | An extensive meta-analysis of the association of MTHFR c.677C>A and c.1298A>G polymorphisms with gliomas. <i>Gene Reports</i> , 2021, 23, 101111. | 0.4 | 0 |
| 782 | SH3BGRL3, transcribed by STAT3, facilitates glioblastoma tumorigenesis by activating STAT3 signaling. <i>Biochemical and Biophysical Research Communications</i> , 2021, 556, 114-120. | 1.0 | 7 |
| 783 | Roles of Long Noncoding RNAs in Conferring Glioma Progression and Treatment. <i>Frontiers in Oncology</i> , 2021, 11, 688027. | 1.3 | 15 |
| 784 | Focused Ultrasound-Augmented Cancer Phototheranostics Using Albumin-Indocyanine Green Nanoparticles. <i>Ultrasound in Medicine and Biology</i> , 2021, 47, 1801-1813. | 0.7 | 3 |
| 785 | DYRK1A activates NFATC1 to increase glioblastoma migration. <i>Cancer Medicine</i> , 2021, 10, 6416-6427. | 1.3 | 11 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 786 | neoDL: a novel neoantigen intrinsic feature-based deep learning model identifies IDH wild-type glioblastomas with the longest survival. <i>BMC Bioinformatics</i> , 2021, 22, 382. | 1.2 | 3 |
| 787 | LncRNA NEAT1 Enhances Glioma Progression via Regulating the miR-128-3p/ITGA5 Axis. <i>Molecular Neurobiology</i> , 2021, 58, 5163-5177. | 1.9 | 13 |
| 788 | Nanotechnology-Assisted RNA Delivery: From Nucleic Acid Therapeutics to COVID-19 Vaccines. <i>Small Methods</i> , 2021, 5, 2100402. | 4.6 | 45 |
| 789 | Nanotechnology-Based Strategies for Early Diagnosis of Central Nervous System Disorders. <i>Advanced NanoBiomed Research</i> , 2021, 1, 2100008. | 1.7 | 16 |
| 790 | Automatic Segmentation and Shape, Texture-based Analysis of Glioma Using Fully Convolutional Network. , 2021, , . | | 1 |
| 791 | Fluorescent boron carbide quantum dots synthesized with a low-temperature solvothermal approach for boron neutron capture therapy. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2021, 132, 114766. | 1.3 | 8 |
| 792 | The prognostic significance of annexin A family in glioblastoma. <i>Irish Journal of Medical Science</i> , 2022, 191, 1539-1547. | 0.8 | 6 |
| 794 | Targeting pyruvate dehydrogenase kinase signaling in the development of effective cancer therapy. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2021, 1876, 188568. | 3.3 | 75 |
| 795 | Genome-wide profiling of alternative splicing in glioblastoma and their clinical value. <i>BMC Cancer</i> , 2021, 21, 958. | 1.1 | 4 |
| 796 | Aberrant hypermethylation induced downregulation of antisense lncRNA STXBP5-AS1 and its sense gene STXBP5 correlate with tumorigenesis of glioma. <i>Life Sciences</i> , 2021, 278, 119590. | 2.0 | 6 |
| 797 | RIOK2 Inhibitor NSC139021 Exerts Anti-Tumor Effects on Glioblastoma via Inducing Skp2-Mediated Cell Cycle Arrest and Apoptosis. <i>Biomedicines</i> , 2021, 9, 1244. | 1.4 | 5 |
| 798 | Expression, prognostic significance and therapeutic implications of PD-L1 in gliomas. <i>Neuropathology and Applied Neurobiology</i> , 2022, 48, . | 1.8 | 8 |
| 799 | Identification of the Role and Clinical Prognostic Value of Target Genes of m6A RNA Methylation Regulators in Glioma. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 709022. | 1.8 | 32 |
| 800 | Diversity in responses to oncolytic Lassa-vesicular stomatitis virus in patient-derived glioblastoma cells. <i>Molecular Therapy - Oncolytics</i> , 2021, 22, 232-244. | 2.0 | 2 |
| 801 | C3G Protein, a New Player in Glioblastoma. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10018. | 1.8 | 4 |
| 802 | Cytoskeleton-associated protein 4 (CKAP4) promotes malignant progression of human gliomas through inhibition of the Hippo signaling pathway. <i>Journal of Neuro-Oncology</i> , 2021, 154, 275-283. | 1.4 | 4 |
| 803 | Discovery of novel ID2 antagonists from pharmacophore-based virtual screening as potential therapeutics for glioma. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 49, 116427. | 1.4 | 4 |
| 804 | Mouse models of glioblastoma for the evaluation of novel therapeutic strategies. <i>Neuro-Oncology Advances</i> , 2021, 3, vdb100. | 0.4 | 47 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 805 | Inorganic Nanostructures for Brain Tumor Management. <i>NeuroMethods</i> , 2021, , 145-178. | 0.2 | 4 |
| 806 | The Cytogenetics of Solid Tumors. , 2013, , 371-411. | | 2 |
| 807 | Glioblastoma Stem Cells and Their Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1041, 119-140. | 0.8 | 52 |
| 808 | Central nervous system tumours. , 2011, , 264-281. | | 2 |
| 809 | Cancer of the Central Nervous System. , 2014, , 938-1001.e16. | | 1 |
| 813 | Surgical aid visualization system for glioblastoma tumor identification based on deep learning and in-vivo hyperspectral images of human patients. , 2019, 10951, . | | 18 |
| 814 | P14ARF inhibits human glioblastoma-induced angiogenesis by upregulating the expression of TIMP3. <i>Journal of Clinical Investigation</i> , 2012, 122, 1283-1295. | 3.9 | 50 |
| 815 | Activation of Rac1 by Src-dependent phosphorylation of Dock180Y1811 mediates PDGFR α -stimulated glioma tumorigenesis in mice and humans. <i>Journal of Clinical Investigation</i> , 2011, 121, 4670-4684. | 3.9 | 105 |
| 816 | EGFR phosphorylation of DCBLD2 recruits TRAF6 and stimulates AKT-promoted tumorigenesis. <i>Journal of Clinical Investigation</i> , 2014, 124, 3741-3756. | 3.9 | 82 |
| 817 | Overcoming therapeutic resistance in glioblastoma: the way forward. <i>Journal of Clinical Investigation</i> , 2017, 127, 415-426. | 3.9 | 354 |
| 818 | A novel serum microRNA-based identification and classification biomarker of human glioma. <i>Tumor Biology</i> , 2017, 39, 101042831770533. | 0.8 | 17 |
| 820 | High Expression of PTPN3 Predicts Progression and Unfavorable Prognosis of Glioblastoma. <i>Medical Science Monitor</i> , 2018, 24, 7556-7562. | 0.5 | 10 |
| 821 | Circular RNA CircMTO1 Inhibits Proliferation of Glioblastoma Cells via miR-92/WWOX Signaling Pathway. <i>Medical Science Monitor</i> , 2019, 25, 6454-6461. | 0.5 | 28 |
| 822 | Study of in vivo brain glioma in a mouse model using continuous-wave terahertz reflection imaging. <i>Biomedical Optics Express</i> , 2019, 10, 3953. | 1.5 | 43 |
| 823 | Metabolic Patterns and Biotransformation Activities of Resveratrol in Human Glioblastoma Cells: Relevance with Therapeutic Efficacies. <i>PLoS ONE</i> , 2011, 6, e27484. | 1.1 | 33 |
| 824 | Improving the Extent of Malignant Glioma Resection by Dual Intraoperative Visualization Approach. <i>PLoS ONE</i> , 2012, 7, e44885. | 1.1 | 97 |
| 825 | Expression of TIP-1 Confers Radioresistance of Malignant Glioma Cells. <i>PLoS ONE</i> , 2012, 7, e45402. | 1.1 | 10 |
| 826 | High Bone Sialoprotein (BSP) Expression Correlates with Increased Tumor Grade and Predicts a Poorer Prognosis of High-Grade Glioma Patients. <i>PLoS ONE</i> , 2012, 7, e48415. | 1.1 | 15 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 827 | The CREB-miR-9 Negative Feedback Minicircuitry Coordinates the Migration and Proliferation of Glioma Cells. PLoS ONE, 2012, 7, e49570. | 1.1 | 81 |
| 828 | Fine Mapping of a Region of Chromosome 11q23.3 Reveals Independent Locus Associated with Risk of Glioma. PLoS ONE, 2012, 7, e52864. | 1.1 | 17 |
| 829 | EMMPRIN Is an Independent Negative Prognostic Factor for Patients with Astrocytic Glioma. PLoS ONE, 2013, 8, e58069. | 1.1 | 25 |
| 830 | A Novel Zebrafish Xenotransplantation Model for Study of Glioma Stem Cell Invasion. PLoS ONE, 2013, 8, e61801. | 1.1 | 87 |
| 831 | NFAT1 Is Highly Expressed in, and Regulates the Invasion of, Glioblastoma Multiforme Cells. PLoS ONE, 2013, 8, e66008. | 1.1 | 51 |
| 832 | Gene Set Based Integrated Data Analysis Reveals Phenotypic Differences in a Brain Cancer Model. PLoS ONE, 2013, 8, e68288. | 1.1 | 3 |
| 833 | High Cytoplasmic FOXO1 and pFOXO1 Expression in Astrocytomas Are Associated with Worse Surgical Outcome. PLoS ONE, 2013, 8, e69260. | 1.1 | 11 |
| 834 | Cerebral Blood Volume Calculated by Dynamic Susceptibility Contrast-Enhanced Perfusion MR Imaging: Preliminary Correlation Study with Glioblastoma Genetic Profiles. PLoS ONE, 2013, 8, e71704. | 1.1 | 58 |
| 835 | Glioma IL13R α 2 Is Associated with Mesenchymal Signature Gene Expression and Poor Patient Prognosis. PLoS ONE, 2013, 8, e77769. | 1.1 | 126 |
| 836 | Semapimod Sensitizes Glioblastoma Tumors to Ionizing Radiation by Targeting Microglia. PLoS ONE, 2014, 9, e95885. | 1.1 | 11 |
| 837 | Analysis of Glioblastoma Patients' Plasma Revealed the Presence of MicroRNAs with a Prognostic Impact on Survival and Those of Viral Origin. PLoS ONE, 2015, 10, e0125791. | 1.1 | 26 |
| 838 | Synergistic Antivascular and Antitumor Efficacy with Combined Cediranib and SC6889 in Intracranial Mouse Glioma. PLoS ONE, 2015, 10, e0144488. | 1.1 | 6 |
| 839 | Drug Repositioning for Cancer Therapy Based on Large-Scale Drug-Induced Transcriptional Signatures. PLoS ONE, 2016, 11, e0150460. | 1.1 | 71 |
| 840 | Glioblastoma invasion and NMDA receptors: A novel prospect. Physiology International, 2019, 106, 250-260. | 0.8 | 13 |
| 841 | Glioblastoma Genomics: A Very Complicated Story. , 0, , 3-25. | | 18 |
| 842 | LINC01198 promotes proliferation and temozolomide resistance in a NEDD4-1-dependent manner, repressing PTEN expression in glioma. Aging, 2019, 11, 6053-6068. | 1.4 | 22 |
| 843 | UBE2T promotes glioblastoma invasion and migration via stabilizing GRP78 and regulating EMT. Aging, 2020, 12, 10275-10289. | 1.4 | 23 |
| 844 | Hypoxia upregulates HIG2 expression and contributes to bevacizumab resistance in glioblastoma. Oncotarget, 2016, 7, 47808-47820. | 0.8 | 28 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 845 | The application of mRNA-based gene transfer in mesenchymal stem cell-mediated cytotoxicity of glioma cells. <i>Oncotarget</i> , 2016, 7, 55529-55542. | 0.8 | 13 |
| 846 | Berberine induces autophagy in glioblastoma by targeting the AMPK/mTOR/ULK1-pathway. <i>Oncotarget</i> , 2016, 7, 66944-66958. | 0.8 | 105 |
| 847 | RhoGDI± suppresses self-renewal and tumorigenesis of glioma stem cells. <i>Oncotarget</i> , 2016, 7, 61619-61629. | 0.8 | 9 |
| 848 | Molecular differences between cerebral blood volume and vessel size in glioblastoma multiforme. <i>Oncotarget</i> , 2017, 8, 11083-11093. | 0.8 | 18 |
| 849 | miR-204 suppresses the development and progression of human glioblastoma by targeting ATF2. <i>Oncotarget</i> , 2016, 7, 70058-70065. | 0.8 | 37 |
| 850 | MiR-433-3p suppresses cell growth and enhances chemosensitivity by targeting CREB in human glioma. <i>Oncotarget</i> , 2017, 8, 5057-5068. | 0.8 | 57 |
| 851 | Comprehensive analysis of PD-L1 expression in glioblastoma multiforme. <i>Oncotarget</i> , 2017, 8, 42214-42225. | 0.8 | 81 |
| 852 | Mesenchymal stem cells differentially affect the invasion of distinct glioblastoma cell lines. <i>Oncotarget</i> , 2017, 8, 25482-25499. | 0.8 | 58 |
| 853 | Hypoxia-induced PLOD2 promotes proliferation, migration and invasion via PI3K/Akt signaling in glioma. <i>Oncotarget</i> , 2017, 8, 41947-41962. | 0.8 | 76 |
| 854 | Metabolic targeting of EGFRvIII/PDK1 axis in temozolomide resistant glioblastoma. <i>Oncotarget</i> , 2017, 8, 35639-35655. | 0.8 | 27 |
| 855 | MiR-29b inhibits the growth of glioma via MYCN dependent way. <i>Oncotarget</i> , 2017, 8, 45224-45233. | 0.8 | 14 |
| 856 | IL13RA2 targeted alpha particle therapy against glioblastomas. <i>Oncotarget</i> , 2017, 8, 42997-43007. | 0.8 | 55 |
| 857 | TLR4 interaction with LPS in glioma CD133+ cancer stem cells induces cell proliferation, resistance to chemotherapy and evasion from cytotoxic T lymphocyte-induced cytolysis. <i>Oncotarget</i> , 2017, 8, 53495-53507. | 0.8 | 25 |
| 858 | Neuropilin-1 is a glial cell line-derived neurotrophic factor receptor in glioblastoma. <i>Oncotarget</i> , 2017, 8, 74019-74035. | 0.8 | 26 |
| 859 | Macrophage migration inhibitory factor promotes vasculogenic mimicry formation induced by hypoxia via CXCR4/AKT/EMT pathway in human glioblastoma cells. <i>Oncotarget</i> , 2017, 8, 80358-80372. | 0.8 | 41 |
| 860 | Anti-vascular endothelial growth factor therapy-induced glioma invasion is associated with accumulation of Tie2-expressing monocytes. <i>Oncotarget</i> , 2014, 5, 2208-2220. | 0.8 | 108 |
| 861 | Autophagy suppression potentiates the anti-glioblastoma effect of asparaginase in vitro and in vivo. <i>Oncotarget</i> , 2017, 8, 91052-91066. | 0.8 | 21 |
| 862 | Trefoil factor 3 contributes to the malignancy of glioma via regulating HIF-1±. <i>Oncotarget</i> , 2017, 8, 76770-76782. | 0.8 | 8 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 863 | LncRNA HSP90AA1-IT1 promotes gliomas by targeting miR-885-5p-CDK2 pathway. <i>Oncotarget</i> , 2017, 8, 75284-75297. | 0.8 | 21 |
| 864 | Upregulation of chemokine receptor CCR10 is essential for glioma proliferation, invasion and patient survival. <i>Oncotarget</i> , 2014, 5, 6576-6583. | 0.8 | 22 |
| 865 | A conspiracy of glioma and endothelial cells to invade the normal brain. <i>Oncotarget</i> , 2011, 2, 1-4. | 0.8 | 6 |
| 866 | SapC-DOPS-induced lysosomal cell death synergizes with TMZ in glioblastoma. <i>Oncotarget</i> , 2014, 5, 9703-9709. | 0.8 | 27 |
| 867 | Two new species of betatorqueviruses identified in a human melanoma that metastasized to the brain. <i>Oncotarget</i> , 2017, 8, 105800-105808. | 0.8 | 27 |
| 868 | Autophagy flux inhibition, G2/M cell cycle arrest and apoptosis induction by ubenimex in glioma cell lines. <i>Oncotarget</i> , 2017, 8, 107730-107743. | 0.8 | 17 |
| 869 | Prognostic stratification of adult primary glioblastoma multiforme patients based on their tumor gene amplification profiles. <i>Oncotarget</i> , 2018, 9, 28083-28102. | 0.8 | 5 |
| 870 | Suppressor of fused (Sufu) represses Gli1 transcription and nuclear accumulation, inhibits glioma cell proliferation, invasion and vasculogenic mimicry, improving glioma chemo-sensitivity and prognosis. <i>Oncotarget</i> , 2014, 5, 11681-11694. | 0.8 | 50 |
| 871 | Phase I trial of TRC102 (methoxyamine HCl) in combination with temozolomide in patients with relapsed solid tumors and lymphomas. <i>Oncotarget</i> , 2020, 11, 3959-3971. | 0.8 | 8 |
| 872 | High expression of N-myc (and STAT) interactor predicts poor prognosis and promotes tumor growth in human glioblastoma. <i>Oncotarget</i> , 2015, 6, 4901-4919. | 0.8 | 29 |
| 873 | miR-340 suppresses glioblastoma multiforme. <i>Oncotarget</i> , 2015, 6, 9257-9270. | 0.8 | 86 |
| 874 | Targeted therapy of glioblastoma stem-like cells and tumor non-stem cells using cetuximab-conjugated iron-oxide nanoparticles. <i>Oncotarget</i> , 2015, 6, 8788-8806. | 0.8 | 117 |
| 875 | Heterogeneous glioblastoma cell cross-talk promotes phenotype alterations and enhanced drug resistance. <i>Oncotarget</i> , 2015, 6, 40998-41017. | 0.8 | 52 |
| 876 | Magnolol and honokiol exert a synergistic anti-tumor effect through autophagy and apoptosis in human glioblastomas. <i>Oncotarget</i> , 2016, 7, 29116-29130. | 0.8 | 46 |
| 877 | IDH-1R132H mutation status in diffuse glioma patients: implications for classification. <i>Oncotarget</i> , 2016, 7, 31393-31400. | 0.8 | 28 |
| 878 | Synergistic Effects of Arsenic Trioxide and Radiation: Triggering of Intrinsic Pathway of Apoptosis. <i>Iranian Biomedical Journal</i> , 2017, 21, 330-337. | 0.4 | 9 |
| 879 | CURRENT APPROACHES TO CHEMORADIOTHERAPY FOR MALIGNANT GLIOMAS. <i>Bulletin of Siberian Medicine</i> , 2014, 13, 119-125. | 0.1 | 3 |
| 880 | <p>Identification of Aberrantly Expressed Genes in Murine Glioblastoma During Radiotherapy via Bioinformatic Data Mining</p>. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 3839-3851. | 1.0 | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 881 | Glycobiology in Malignant Gliomas: Expression and Functions of Galectins and Possible Therapeutic Options. <i>Current Pharmaceutical Biotechnology</i> , 2012, 13, 2299-2307. | 0.9 | 13 |
| 882 | Herbal Medicine for Glioblastoma: Current and Future Prospects. <i>Medicinal Chemistry</i> , 2020, 16, 1022-1043. | 0.7 | 5 |
| 883 | Eleven-Year Experience with the Avidin-Biotin Pretargeting System in Glioblastoma: Toxicity, Efficacy and Survival. <i>The Open Nuclear Medicine Journal</i> , 2012, 4, 14-20. | 0.2 | 4 |
| 884 | Cytotoxic activity of the aqueous extract of <i>Micromeria fruticosa</i> (L.) Druce subsp. <i>serpyllifolia</i> on human U-87 MG cell lines. <i>Archives of Biological Sciences</i> , 2017, 69, 449-453. | 0.2 | 6 |
| 885 | Early growth response 1 promoted the invasion of glioblastoma multiforme by elevating HMGB1. <i>Journal of Neurosurgical Sciences</i> , 2023, 67, . | 0.3 | 7 |
| 886 | Cytokine CCL5 and receptor CCR5 axis in glioblastoma multiforme. <i>Radiology and Oncology</i> , 2019, 53, 397-406. | 0.6 | 49 |
| 887 | Bioactive form of resveratrol in glioblastoma cells and its safety for normal brain cells. <i>Functional Foods in Health and Disease</i> , 2013, 3, 146. | 0.3 | 1 |
| 889 | Continuous-Wave THz Imaging for Biomedical Samples. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 71. | 1.3 | 36 |
| 890 | Nose-to-Brain Delivery of Antioxidants as a Potential Tool for the Therapy of Neurological Diseases. <i>Pharmaceutics</i> , 2020, 12, 1246. | 2.0 | 15 |
| 891 | TRIM31 enhances chemoresistance in glioblastoma through activation of the PI3K/Akt signaling pathway. <i>Experimental and Therapeutic Medicine</i> , 2020, 20, 802-809. | 0.8 | 12 |
| 892 | lncRNA KCNQ10T1 promotes proliferation and invasion of glioma cells by targeting the miR-375/YAP pathway. <i>International Journal of Molecular Medicine</i> , 2020, 46, 1983-1992. | 1.8 | 10 |
| 893 | Increased RLIP76 expression in IDH1 wild-type glioblastoma multiforme is associated with worse prognosis. <i>Oncology Reports</i> , 2020, 43, 188-200. | 1.2 | 9 |
| 894 | MAGI3 Suppresses Glioma Cell Proliferation via Upregulation of PTEN Expression. <i>Biomedical and Environmental Sciences</i> , 2015, 28, 502-9. | 0.2 | 21 |
| 895 | Beyond the World Health Organization grading of infiltrating gliomas: advances in the molecular genetics of glioma classification. <i>Annals of Translational Medicine</i> , 2015, 3, 95. | 0.7 | 85 |
| 896 | Glioblastoma-Specific Anticancer Activity of Pheophorbide a from the Edible Red Seaweed <i>Grateloupia elliptica</i> . <i>Journal of Microbiology and Biotechnology</i> , 2014, 24, 346-353. | 0.9 | 39 |
| 897 | Anatomical resection in glioblastoma: extent of resection and its impact on duration of survival. <i>Egyptian Journal of Neurology, Psychiatry and Neurosurgery</i> , 2016, . | 0.4 | 2 |
| 898 | Assessment Effects of Resveratrol on Human Telomerase Reverse Transcriptase Messenger Ribonucleic Acid Transcript in Human Glioblastoma. <i>Advanced Biomedical Research</i> , 2017, 6, 73. | 0.2 | 9 |
| 899 | Preclinical Efficacy of Nimotuzumab, an Anti-Egfr Monoclonal Antibody as a Single Agent Therapy in Human GBM u87mg Xenografts. <i>Journal of Cancer Therapy</i> , 2012, 03, 245-255. | 0.1 | 5 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 900 | New Insight on the Role of Transient Receptor Potential (TRP) Channels in Driven Gliomagenesis Pathways. , 0, , . | | 1 |
| 901 | Receptor Tyrosine Kinase Interaction with the Tumor Microenvironment in Malignant Progression of Human Glioblastoma. , 0, , . | | 2 |
| 903 | Autophagy Inhibition Promotes Gambogic Acid-induced Suppression of Growth and Apoptosis in Glioblastoma Cells. Asian Pacific Journal of Cancer Prevention, 2012, 13, 6211-6216. | 0.5 | 31 |
| 904 | High Expression of Forkhead Box Protein C2 is Related to Poor Prognosis in Human Gliomas. Asian Pacific Journal of Cancer Prevention, 2015, 15, 10621-10625. | 0.5 | 15 |
| 905 | PBX2-Mediated circTLK1 Activates JAK/STAT Signaling to Promote Gliomagenesis via miR-452-5p/SSR1 Axis. Frontiers in Genetics, 2021, 12, 698831. | 1.1 | 4 |
| 906 | FAM87A as a Competing Endogenous RNA of miR-424-5p Suppresses Glioma Progression by Regulating PPM1H. Computational and Mathematical Methods in Medicine, 2021, 2021, 1-18. | 0.7 | 6 |
| 907 | Case Series. Optometry and Vision Science, 2021, Publish Ahead of Print, 1143-1150. | 0.6 | 0 |
| 908 | Radiation Therapy Planning Using SPECT-CT. , 2011, , 203-211. | | 0 |
| 909 | Biological Markers of Recurrence and Survival of High-Grade Gliomas: The Role of Hepatocyte Growth Factor. , 0, , . | | 0 |
| 910 | Glioblastom. , 2012, , 353-362. | | 0 |
| 912 | Molecular Targets: Inhibition of Tumor Cell Invasion. , 0, , . | | 0 |
| 913 | Glioma-Parvovirus Interactions: Molecular Insights and Therapeutic Potential. , 0, , . | | 0 |
| 914 | A Research on Superparamagnetic Iron Oxide Nanoparticles' Toxicity to U373MG Cell and its Effect on the Radiation Survival Curve. Journal of the Korean Society of Radiology, 2012, 6, 507-513. | 0.0 | 1 |
| 916 | Case Study for Glioblastoma Multiforme (Gbm). SSRN Electronic Journal, 0, , . | 0.4 | 0 |
| 917 | Medical Image Computing for Oncology: Review and Clinical Examples. , 2014, , 97-124. | | 0 |
| 918 | Resection of Brain Tumors: Intraoperative Confocal Microscopy Technology. Tumors of the Central Nervous System, 2014, , 161-167. | 0.1 | 0 |
| 919 | Revisiting epidermal growth factor receptor in glioblastoma multiforme: Does it play a role in response to therapy?. Indian Journal of Pathology and Microbiology, 2014, 57, 390. | 0.1 | 3 |
| 921 | Malignant Tumors of the Central Nervous System. , 2014, , 481-495. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 923 | A Phase II Study of Antineoplastons A10 and AS2-1 in Children with Recurrent, Refractory or Progressive Primary Brain Tumors—Final Report (Protocol BT-22). <i>Journal of Cancer Therapy</i> , 2014, 05, 977-988. | 0.1 | 16 |
| 924 | Autophagy in Glioma Cells. , 2014, , 117-149. | | 1 |
| 925 | Case 33: Glioblastoma. , 2014, , 331-339. | | 0 |
| 927 | A Phase II Study of Antineoplastons A10 and AS2-1 in Children with High-Grade Glioma. Final Report (Protocol BT-06), and Review of Recent Trials. <i>Journal of Cancer Therapy</i> , 2014, 05, 565-577. | 0.1 | 17 |
| 928 | Effect of BMI1 Knockdown on Cell Proliferation, Apoptosis, Invasiveness, and Migration of U251 Glioma Cells. <i>Korean Journal of Physical Anthropology</i> , 2015, 28, 69. | 0.2 | 0 |
| 929 | Reaction of lymphoidal organs of rats on the growth of glioma C6. <i>Bulletin of Taras Shevchenko National University of Kyiv Series Problems of Physiological Functions Regulation</i> , 2017, 22, 61-65. | 0.1 | 0 |
| 930 | Molecular genetic markers of gliomas. <i>Molekuliarnaia Genetika, Mikrobiologiiia I Virusologiiia</i> , 2017, 35, 132. | 0.1 | 1 |
| 932 | IDH1 R132H protein expression and loss of Tbx2 and pSTAT3 proteins predict better outcome of patients with high-grade astrocytoma. <i>Egyptian Journal of Pathology</i> , 2017, 37, 295-305. | 0.0 | 0 |
| 933 | Overexpression of CLEC18B Associates With the Proliferation, Migration, and Prognosis of Glioblastoma. <i>ASN Neuro</i> , 2018, 10, 175909141878194. | 1.5 | 5 |
| 934 | Cytogenetic damage from hyperthermia, 6 MV X-rays, and topotecan in glioblastoma spheroids, simultaneously, and separately. <i>Journal of Cancer Research and Therapeutics</i> , 2018, 14, 1273-1278. | 0.3 | 1 |
| 935 | The Prognosis Prediction of GBM Based on High-risk Subregion and Multi-parametric MR Imaging. , 2019, , . | | 0 |
| 936 | Light Chain LC and TAT-EGFP-HCS of Botulinum Toxin Expression and Biological Function <i>in vitro</i> and <i>in vivo</i> . <i>Current Proteomics</i> , 2019, 16, 175-180. | 0.1 | 0 |
| 937 | Non-invasive transcriptomic classification of de novo Glioblastoma patients through multivariate quantitative analysis of baseline preoperative multimodal magnetic resonance imaging. , 2019, , . | | 0 |
| 938 | A NOVEL APPROACH FOR CLASSIFICATION OF BRAIN TUMOR USING R-CNN. , 2019, 04, 360-364. | | 0 |
| 939 | Terahertz attenuated total reflection imaging of fresh brain tumor. , 2019, , . | | 1 |
| 940 | MicroRNA-432 inhibits the aggressiveness of glioblastoma multiforme by directly targeting IGF1R. <i>International Journal of Molecular Medicine</i> , 2020, 45, 597-606. | 1.8 | 7 |
| 941 | Malignant Tumors of the Central Nervous System. , 2020, , 507-524. | | 0 |
| 942 | Heterogeneity of subsets in glioblastoma mediated by Smad3 palmitoylation. <i>Oncogenesis</i> , 2021, 10, 72. | 2.1 | 16 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 945 | Biomimetic nanomedicine toward personalized disease theranostics. <i>Nano Research</i> , 2021, 14, 2491-2511. | 5.8 | 17 |
| 946 | Long non-coding RNA MIR22HG inhibits glioma progression by downregulating microRNA-9/CPEB3. <i>Oncology Letters</i> , 2020, 21, 157. | 0.8 | 5 |
| 947 | Novel piperazine based benzamide derivatives as potential anti-glioblastoma agents inhibiting cell proliferation and cell cycle progression. <i>European Journal of Medicinal Chemistry</i> , 2022, 227, 113908. | 2.6 | 4 |
| 948 | Identification of Appropriate Filters for Preprocessing Palm Print Images. <i>Lecture Notes in Networks and Systems</i> , 2020, , 153-160. | 0.5 | 0 |
| 949 | Role of Autophagy in Cancer Cell Metabolism. , 2020, , 65-87. | | 0 |
| 950 | The immune checkpoint VISTA exhibits high expression levels in human gliomas and associates with a poor prognosis. <i>Scientific Reports</i> , 2021, 11, 21504. | 1.6 | 21 |
| 951 | Mean apparent diffusion coefficient values in defining radiotherapy planning target volumes in glioblastoma. <i>Quantitative Imaging in Medicine and Surgery</i> , 2015, 5, 835-45. | 1.1 | 8 |
| 952 | Nanotechnology for energy-based cancer therapies. <i>American Journal of Cancer Research</i> , 2011, 1, 508-20. | 1.4 | 6 |
| 953 | Precision radiotherapy for brain tumors: A 10-year bibliometric analysis. <i>Neural Regeneration Research</i> , 2012, 7, 1752-9. | 1.6 | 1 |
| 954 | MicroRNA-19a promotes glioma cell growth by repressing LRIG1. <i>International Journal of Clinical and Experimental Medicine</i> , 2014, 7, 5067-74. | 1.3 | 3 |
| 955 | DNA damage of glioblastoma multiform cells induced by Beta radiation of iodine-131 in the presence or absence of topotecan: a picogreen and colonogenic assay. <i>Cell Journal</i> , 2015, 17, 99-110. | 0.2 | 0 |
| 956 | Association of LIG4 and XRCC4 gene polymorphisms with the risk of human glioma in a Chinese population. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 2057-62. | 0.5 | 7 |
| 957 | HGF/MET signaling promotes glioma growth via up-regulation of Cox-2 expression and PGE2 production. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 3719-26. | 0.5 | 8 |
| 958 | Cytoplasmic expression of BAP1 as an independent prognostic biomarker for patients with gliomas. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 5035-43. | 0.5 | 6 |
| 959 | No association of VAMP8 gene polymorphisms with glioma in a Chinese Han population. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 5681-7. | 0.5 | 3 |
| 960 | Genotoxic Damage to Glioblastoma Cells Treated with 6 MV X-Radiation in The Presence or Absence of Methoxy Estradiol, IUDR or Topotecan. <i>Cell Journal</i> , 2015, 17, 312-21. | 0.2 | 5 |
| 961 | Knockdown of long noncoding RNA SPRY4-IT1 suppresses glioma cell proliferation, metastasis and epithelial-mesenchymal transition. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 9140-6. | 0.5 | 45 |
| 962 | H19 derived microRNA-675 regulates cell proliferation and migration through CDK6 in glioma. <i>American Journal of Translational Research (discontinued)</i> , 2015, 7, 1747-64. | 0.0 | 35 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 963 | MiR-16 modulate temozolomide resistance by regulating BCL-2 in human glioma cells. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 12698-707. | 0.5 | 24 |
| 964 | High expression of WDR1 in primary glioblastoma is associated with poor prognosis. <i>American Journal of Translational Research (discontinued)</i> , 2016, 8, 1253-64. | 0.0 | 11 |
| 965 | MicroRNA-1301 inhibits proliferation of human glioma cells by directly targeting N-Ras. <i>American Journal of Cancer Research</i> , 2017, 7, 982-998. | 1.4 | 21 |
| 966 | MicroRNA-1179 inhibits glioblastoma cell proliferation and cell cycle progression via directly targeting E2F transcription factor 5. <i>American Journal of Cancer Research</i> , 2017, 7, 1680-1692. | 1.4 | 27 |
| 967 | MRI tumor response and clinical outcomes after LINAC radiosurgery on 50 patients with recurrent malignant gliomas. <i>Journal of Radiosurgery and SBRT</i> , 2013, 2, 291-305. | 0.2 | 3 |
| 968 | The contrasting roles of inflammasomes in cancer. <i>American Journal of Cancer Research</i> , 2018, 8, 566-583. | 1.4 | 30 |
| 969 | microRNA-744 is downregulated in glioblastoma and inhibits the aggressive behaviors by directly targeting NOB1. <i>American Journal of Cancer Research</i> , 2018, 8, 2238-2253. | 1.4 | 10 |
| 970 | MicroRNA-206 attenuates glioma cell proliferation, migration, and invasion by blocking the WNT/ β -catenin pathway via direct targeting of Frizzled 7 mRNA. <i>American Journal of Translational Research (discontinued)</i> , 2019, 11, 4584-4601. | 0.0 | 10 |
| 971 | MicroRNA-940 inhibits glioma cells proliferation and cell cycle progression by targeting CKS1. <i>American Journal of Translational Research (discontinued)</i> , 2019, 11, 4851-4865. | 0.0 | 19 |
| 972 | Serum miR-29b as a novel biomarker for glioblastoma diagnosis and prognosis. <i>International Journal of Clinical and Experimental Pathology</i> , 2019, 12, 4106-4112. | 0.5 | 7 |
| 973 | CircHIPK3: a promising cancer-related circular RNA. <i>American Journal of Translational Research (discontinued)</i> , 2020, 12, 6694-6704. | 0.0 | 17 |
| 974 | Comprehensive analysis of multi-omics data of recurrent gliomas identifies a recurrence-related signature as a novel prognostic marker. <i>American Journal of Cancer Research</i> , 2021, 11, 1226-1246. | 1.4 | 1 |
| 975 | EGFR/EGFRVIII partly regulates the tumorigenesis of glioblastoma through the SOX9-GLUT3 axis. <i>American Journal of Translational Research (discontinued)</i> , 2021, 13, 6055-6065. | 0.0 | 1 |
| 976 | SapCâ€DOPS as a Novel Therapeutic and Diagnostic Agent for Glioblastoma Therapy and Detection: Alternative to Old Drugs and Agents. <i>Pharmaceuticals</i> , 2021, 14, 1193. | 1.7 | 1 |
| 977 | The Expression and Prognostic Value of ILK and YAP1 in Glioma. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2021, Publish Ahead of Print, e21-e29. | 0.6 | 3 |
| 978 | Size-dependent chemosensitization of doxorubicin-loaded polymeric nanoparticles for malignant glioma chemotherapy. <i>Bioengineered</i> , 2021, 12, 12263-12273. | 1.4 | 9 |
| 979 | Long non-coding RNA (lncRNA) HOXD-AS2 promotes glioblastoma cell proliferation, migration and invasion by regulating the miR-3681-5p/MALT1 signaling pathway. <i>Bioengineered</i> , 2021, 12, 9113-9127. | 1.4 | 17 |
| 980 | RNF12 Promotes Glioblastoma Malignant Proliferation via Destructing RB1 and Regulating MAPK Pathway. <i>Journal of Healthcare Engineering</i> , 2021, 2021, 1-8. | 1.1 | 4 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 981 | A Ferroptosis-Related Prognostic Risk Score Model to Predict Clinical Significance and Immunogenic Characteristics in Glioblastoma Multiforme. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-30. | 1.9 | 18 |
| 982 | CircularLRR7 is a Potential Tumor Suppressor Associated With miR-1281 and PDXP Expression in Glioblastoma. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 743417. | 1.6 | 2 |
| 983 | A Machine Learning Approach in Medical Image Analysis for Brain Tumor Detection. <i>Lecture Notes in Networks and Systems</i> , 2020, , 127-135. | 0.5 | 0 |
| 984 | Preclinical models of glioblastoma: limitations of current models and the promise of new developments. <i>Expert Reviews in Molecular Medicine</i> , 2021, 23, e20. | 1.6 | 20 |
| 985 | PTRF/Cavin-1 as a Novel RNA-Binding Protein Expedites the NF- κ B/PD-L1 Axis by Stabilizing lncRNA NEAT1, Contributing to Tumorigenesis and Immune Evasion in Glioblastoma. <i>Frontiers in Immunology</i> , 2021, 12, 802795. | 2.2 | 14 |
| 986 | The role of ubiquitin-specific peptidases in glioma progression. <i>Biomedicine and Pharmacotherapy</i> , 2022, 146, 112585. | 2.5 | 7 |
| 987 | The CBL-LSD1-CXCL8 axis regulates methionine metabolism in glioma. <i>Cytokine</i> , 2022, 151, 155789. | 1.4 | 2 |
| 988 | EN1 Regulates Cell Growth and Proliferation in Human Glioma Cells via Hedgehog Signaling. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1123. | 1.8 | 12 |
| 989 | Radiomics Analysis Based on Magnetic Resonance Imaging for Preoperative Overall Survival Prediction in Isocitrate Dehydrogenase Wild-Type Glioblastoma. <i>Frontiers in Neuroscience</i> , 2021, 15, 791776. | 1.4 | 6 |
| 990 | European Mistletoe (<i>Viscum album</i>) Extract Is Cytotoxic to Canine High-Grade Astrocytoma Cells In Vitro and Has Additive Effects with Mebendazole. <i>Veterinary Sciences</i> , 2022, 9, 31. | 0.6 | 2 |
| 991 | Deep learning identified glioblastoma subtypes based on internal genomic expression ranks. <i>BMC Cancer</i> , 2022, 22, 86. | 1.1 | 3 |
| 992 | NEK2 enhances malignancies of glioblastoma via NIK/NF- κ B pathway. <i>Cell Death and Disease</i> , 2022, 13, 58. | 2.7 | 8 |
| 993 | DNAJC10 correlates with tumor immune characteristics and predicts the prognosis of glioma patients. <i>Bioscience Reports</i> , 2022, 42, . | 1.1 | 4 |
| 994 | Mesoporous radiosensitized nanoprobe for enhanced NIR-II photoacoustic imaging-guided accurate radio-chemotherapy. <i>Nano Research</i> , 2022, 15, 4154-4163. | 5.8 | 13 |
| 995 | Pretreatment ADC Histogram Analysis as a Prognostic Imaging Biomarker for Patients with Recurrent Glioblastoma Treated with Bevacizumab: A Systematic Review and Meta-analysis. <i>American Journal of Neuroradiology</i> , 2022, 43, 202-206. | 1.2 | 11 |
| 996 | High myosin binding protein H expression predicts poor prognosis in glioma patients. <i>Scientific Reports</i> , 2022, 12, 1525. | 1.6 | 3 |
| 997 | Prognostic Value of Hematologic Prealbumin/Fibrinogen Ratio in Patients with Glioma. <i>World Neurosurgery</i> , 2022, 160, e442-e453. | 0.7 | 0 |
| 998 | Chelerythrine inhibits the progression of glioblastoma by suppressing the TGFB1-ERK1/2/Smad2/3-Snail/ZEB1 signaling pathway. <i>Life Sciences</i> , 2022, 293, 120358. | 2.0 | 8 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 999 | Developing an Artificial Intelligence Model for Tumor Grading and Classification, Based on MRI Sequences of Human Brain Gliomas. <i>International Journal of Cancer Management</i> , 2022, 15, . | 0.2 | 9 |
| 1000 | Membrane-Decorated Exosomes for Combination Drug Delivery and Improved Glioma Therapy. <i>Langmuir</i> , 2022, 38, 299-308. | 1.6 | 20 |
| 1001 | Targeting HOTAIRM1 Ameliorates Glioblastoma by Disturbing Mitochondrial Oxidative Phosphorylation and Serine Metabolism. <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 0 |
| 1002 | Circular RNA circASPM promotes the progression of glioblastoma by acting as a competing endogenous RNA to regulate miR-130b-3p/E2F1 axis. <i>Journal of Cancer</i> , 2022, 13, 1664-1678. | 1.2 | 7 |
| 1003 | Cascaded layer-coalescing convolution network for brain tumor segmentation. <i>Journal of Intelligent and Fuzzy Systems</i> , 2022, , 1-16. | 0.8 | 1 |
| 1004 | A Multiparametric MRI-Based Radiomics Nomogram for Preoperative Prediction of Survival Stratification in Glioblastoma Patients With Standard Treatment. <i>Frontiers in Oncology</i> , 2022, 12, 758622. | 1.3 | 10 |
| 1005 | 5-Methylcytosine Related LncRNAs Reveal Immune Characteristics, Predict Prognosis and Oncology Treatment Outcome in Lower-Grade Gliomas. <i>Frontiers in Immunology</i> , 2022, 13, 844778. | 2.2 | 15 |
| 1006 | Crucial Roles of miR-625 in Human Cancer. <i>Frontiers in Medicine</i> , 2022, 9, 845094. | 1.2 | 3 |
| 1007 | Production and Stabilization of Specific Upregulated Long Noncoding RNA HOXD-AS2 in Glioblastomas Are Mediated by TFE3 and miR-661, Respectively. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2828. | 1.8 | 1 |
| 1008 | Targeting adaptive radioresistance in Glioblastoma. <i>Neuro-Oncology</i> , 2022, , . | 0.6 | 0 |
| 1009 | Numerical analysis of the optical fluence rate at the scalp for noninvasive brain tumor detection. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2022, 39, 587. | 0.8 | 4 |
| 1010 | PTBP1 is a Novel Poor Prognostic Factor for Glioma. <i>BioMed Research International</i> , 2022, 2022, 1-11. | 0.9 | 3 |
| 1011 | Phenoxyaromatic Acid Analogues as Novel Radiotherapy Sensitizers: Design, Synthesis and Biological Evaluation. <i>Molecules</i> , 2022, 27, 2428. | 1.7 | 1 |
| 1012 | Promoter and enhancer RNAs regulate chromatin reorganization and activation of miR-10b/HOXD locus, and neoplastic transformation in glioma. <i>Molecular Cell</i> , 2022, 82, 1894-1908.e5. | 4.5 | 15 |
| 1013 | Folic acid conjugated poly(amidoamine) dendrimer as a smart nanocarriers for tracing, imaging, and treating cancers over-expressing folate receptors. <i>European Polymer Journal</i> , 2022, 170, 111156. | 2.6 | 38 |
| 1014 | PIMREG expression level predicts glioblastoma patient survival and affects temozolomide resistance and DNA damage response. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2022, 1868, 166382. | 1.8 | 3 |
| 1015 | A Survey on Deep Learning Aided Telepathology and its Methodologies. , 2021, , . | | 1 |
| 1016 | hsa_circ_0072389, hsa_circ_0072386, hsa_circ_0008621, hsa_circ_0072387, and hsa_circ_0072391 aggravate glioma via miR-338-5p/IKBIP. <i>Aging</i> , 2021, 13, 25213-25240. | 1.4 | 3 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1017 | Expression and significance of SOX B1 genes in glioblastoma multiforme patients. Journal of Cellular and Molecular Medicine, 2022, 26, 789-799. | 1.6 | 3 |
| 1018 | Galectin-9/TIM-3 as a Key Regulator of Immune Response in Gliomas With Chromosome 1p/19q Codeletion. Frontiers in Immunology, 2021, 12, 800928. | 2.2 | 6 |
| 1019 | Segmentation and classification of brain tumors from MRI images based on adaptive mechanisms and ELDP feature descriptor. Biomedical Signal Processing and Control, 2022, 76, 103704. | 3.5 | 6 |
| 1065 | Sustained delivery of gambogic acid from mesoporous rod-structure hydroxyapatite for efficient in vitro cancer therapy. , 2022, , 212821. | | 2 |
| 1066 | An Integrated Immune-Related Bioinformatics Analysis in Glioma: Prognostic Signature's Identification and Multi-Omics Mechanisms' Exploration. Frontiers in Genetics, 2022, 13, . | 1.1 | 0 |
| 1067 | Hypoxia Promotes Glioma Stem Cell Proliferation by Enhancing the 14-3-3 ² Expression via the PI3K Pathway. Journal of Immunology Research, 2022, 2022, 1-11. | 0.9 | 2 |
| 1068 | Suppression of FAM83D Inhibits Glioma Proliferation, Invasion and Migration by Regulating the AKT/mTOR Signaling Pathway. Translational Oncology, 2022, 22, 101454. | 1.7 | 3 |
| 1069 | Temozolomide Efficacy and Metabolism: The Implicit Relevance of Nanoscale Delivery Systems. Molecules, 2022, 27, 3507. | 1.7 | 5 |
| 1070 | SegNet and Salp Water Optimization-driven Deep Belief Network for Segmentation and Classification of Brain Tumor. Gene Expression Patterns, 2022, 45, 119248. | 0.3 | 6 |
| 1071 | Accurate Brain Tumor Segmentation and Classification using CNN. , 2022, , . | | 2 |
| 1072 | A state-of-the-art technique to perform cloud-based semantic segmentation using deep learning 3D U-Net architecture. BMC Bioinformatics, 2022, 23, . | 1.2 | 8 |
| 1073 | Lighting a Fire: Gasdermin-Mediated Pyroptosis Remodels the Glioma Microenvironment and Promotes Immune Checkpoint Blockade Response. Frontiers in Immunology, 0, 13, . | 2.2 | 2 |
| 1075 | Disparity Autoencoders for Multi-class Brain Tumor Segmentation. Lecture Notes in Computer Science, 2022, , 116-124. | 1.0 | 1 |
| 1076 | Clinical efficacy of early postoperative intensity-modulated radiotherapy combined with Temozolomide chemotherapy in the treatment of patients with malignant glioma. Pakistan Journal of Medical Sciences, 2022, 38, . | 0.3 | 0 |
| 1077 | Propofol Suppresses Glioma Tumorigenesis by Regulating circ_0047688/miR-516b-5p/IFI30 Axis. Biochemical Genetics, 2023, 61, 151-169. | 0.8 | 2 |
| 1078 | Mechanisms of long non-coding RNAs in biological phenotypes and ferroptosis of glioma. Frontiers in Oncology, 0, 12, . | 1.3 | 1 |
| 1079 | PDIA3P1 promotes Temozolomide resistance in glioblastoma by inhibiting C/EBP β degradation to facilitate proneural-to-mesenchymal transition. Journal of Experimental and Clinical Cancer Research, 2022, 41, . | 3.5 | 20 |
| 1080 | Circular RNA VPS18 Promotes Glioblastoma Progression by Regulating miR-1229-3p/BCAT1 Axis. Neurotoxicity Research, 2022, 40, 1138-1151. | 1.3 | 7 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1081 | Research Progress on the Regulation Mechanism of Key Signal Pathways Affecting the Prognosis of Glioma. <i>Frontiers in Molecular Neuroscience</i> , 0, 15, . | 1.4 | 4 |
| 1082 | Hybrid Deep Learning Neural System for Brain Tumor Detection. , 2022, , . | | 21 |
| 1083 | Recent insights into the microRNA-dependent modulation of gliomas from pathogenesis to diagnosis and treatment. <i>Cellular and Molecular Biology Letters</i> , 2022, 27, . | 2.7 | 26 |
| 1084 | Targeting HOTAIRM1 ameliorates glioblastoma by disrupting mitochondrial oxidative phosphorylation and serine metabolism. <i>IScience</i> , 2022, 25, 104823. | 1.9 | 3 |
| 1085 | Based on clinical Ki-67 expression and serum infiltrating lymphocytes related nomogram for predicting the diagnosis of glioma-grading. <i>Frontiers in Oncology</i> , 0, 12, . | 1.3 | 1 |
| 1086 | The low affinity A2B adenosine receptor enhances migratory and invasive capacity in vitro and angiogenesis in vivo of glioblastoma stem-like cells. <i>Frontiers in Oncology</i> , 0, 12, . | 1.3 | 4 |
| 1087 | Exosomes to control glioblastoma multiforme: Investigating the effects of mesenchymal stem cell-derived exosomes on C6 cells in vitro. <i>Cell Biology International</i> , 2022, 46, 2028-2040. | 1.4 | 5 |
| 1088 | TBC-Unet: U-net with Three-Branch Convolution for Gliomas MRI Segmentation. <i>Lecture Notes in Computer Science</i> , 2022, , 53-65. | 1.0 | 0 |
| 1089 | Comprehensive bioinformatic analysis of key genes and signaling pathways in glioma. , 2022, 52, 3. | | 0 |
| 1090 | Radiosensitivity of glioblastoma multiforme and astrocytic cell lines in cell signalling aspects. <i>The European Research Journal</i> , 0, , 1-12. | 0.1 | 0 |
| 1091 | LncRNA GAS5 represses stemness and malignancy of gliomas via elevating the SPACA6-miR-125a/let-7e Axis. <i>Frontiers in Oncology</i> , 0, 12, . | 1.3 | 0 |
| 1092 | An unusual case of glioblastoma multiforme, presenting as skeletal superscan. <i>Indian Journal of Nuclear Medicine</i> , 2022, 37, 268. | 0.1 | 0 |
| 1093 | TCA-phospholipid-glycolysis targeted triple therapy effectively suppresses ATP production and tumor growth in glioblastoma. <i>Theranostics</i> , 2022, 12, 7032-7050. | 4.6 | 8 |
| 1094 | Integrative analysis of a novel 5 methylated snoRNA genes prognostic signature in patients with glioma. <i>Epigenomics</i> , 2022, 14, 1089-1104. | 1.0 | 0 |
| 1095 | Combination of pre-treatment dynamic [18F]FET PET radiomics and conventional clinical parameters for the survival stratification in patients with IDH-wildtype glioblastoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2023, 50, 535-545. | 3.3 | 7 |
| 1096 | Classification Framework for Medical Diagnosis of Brain Tumor with an Effective Hybrid Transfer Learning Model. <i>Diagnostics</i> , 2022, 12, 2541. | 1.3 | 14 |
| 1097 | MicroRNA-4333p enhances chemosensitivity of glioma to cisplatin by downregulating NR5A2. <i>Brain and Behavior</i> , 0, , . | 1.0 | 1 |
| 1098 | Vimentin as a potential target for diverse nervous system diseases. <i>Neural Regeneration Research</i> , 2023, 18, 969. | 1.6 | 15 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1099 | Automatic Segmentation and Classification of Brain Tumours on Pre-operative and Post-operative MRI Sample Using Deep Learning. <i>Algorithms for Intelligent Systems</i> , 2022, , 677-704. | 0.5 | 1 |
| 1101 | Circular RNA circPTPRF promotes the progression of GBM via sponging miR-1208 to up-regulate YY1. <i>Cancer Cell International</i> , 2022, 22, . | 1.8 | 4 |
| 1102 | Current understanding of gliomagenesis: from model to mechanism. <i>International Journal of Medical Sciences</i> , 2022, 19, 2071-2079. | 1.1 | 1 |
| 1103 | Segmentation of Brain Glioma in MRI Images Using Deep Learning. , 2022, , . | | 0 |
| 1104 | Roadmap toward subtype-specific vulnerabilities in adult glioma. , 2022, 1, . | | 0 |
| 1105 | Knockdown of hsa_circ_0008922 inhibits the progression of glioma. <i>PeerJ</i> , 0, 10, e14552. | 0.9 | 0 |
| 1106 | A novel lncRNA MDHDH suppresses glioblastoma multiforme by acting as a scaffold for MDH2 and PSMA1 to regulate NAD ⁺ metabolism and autophagy. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, . | 3.5 | 9 |
| 1107 | Features of epileptiform activity in patients with diagnosed glioblastoma: from genetic and biochemical mechanisms to clinical aspects. <i>Opuholi Golovy I Sei</i> , 2022, 12, 102-113. | 0.1 | 1 |
| 1108 | Oncogenic role of microRNA-19b-3p-mediated SOCS3 in glioma through activation of JAK-STAT pathway. <i>Metabolic Brain Disease</i> , 2023, 38, 945-960. | 1.4 | 1 |
| 1109 | Statins block mammalian target of rapamycin pathway: a possible novel therapeutic strategy for inflammatory, malignant and neurodegenerative diseases. <i>Inflammopharmacology</i> , 2023, 31, 57-75. | 1.9 | 10 |
| 1110 | Validation of a Temperature-Feedback Controlled Automated Magnetic Hyperthermia Therapy Device. <i>Cancers</i> , 2023, 15, 327. | 1.7 | 6 |
| 1111 | TREM2 is associated with tumor immunity and implies poor prognosis in glioma. <i>Frontiers in Immunology</i> , 0, 13, . | 2.2 | 10 |
| 1113 | Blockage of Autophagy Increases Timosaponin AIII-Induced Apoptosis of Glioma Cells In Vitro and In Vivo. <i>Cells</i> , 2023, 12, 168. | 1.8 | 6 |
| 1115 | Frequency and reasons for unplanned transfer to the primary acute care service of inpatient rehabilitation glioblastoma multiforme patients. <i>Supportive Care in Cancer</i> , 2023, 31, . | 1.0 | 0 |
| 1116 | RUNX1/CD44 axis regulates the proliferation, migration, and immunotherapy of gliomas: A single-cell sequencing analysis. <i>Frontiers in Immunology</i> , 0, 14, . | 2.2 | 1 |
| 1117 | Loss of p53 Concurrent with RAS and TERT Activation Induces Glioma Formation. <i>Molecular Neurobiology</i> , 2023, 60, 3452-3463. | 1.9 | 3 |
| 1118 | Development, characterization and in vitro cytotoxicity of kaempferol-loaded nanostructured lipid carriers in glioblastoma multiforme cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2023, 226, 113309. | 2.5 | 6 |
| 1119 | Synthesis, Characterization, Molecular Docking and in vitro Anticancer Screening of Some Novel Thiophene Derivatives. <i>ChemistrySelect</i> , 2023, 8, . | 0.7 | 0 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1120 | Hybrid Multilevel Thresholding Image Segmentation Approach for Brain MRI. <i>Diagnostics</i> , 2023, 13, 925. | 1.3 | 5 |
| 1121 | Exploring Novel Therapeutic Opportunities for Glioblastoma Using Patient-Derived Cell Cultures. <i>Cancers</i> , 2023, 15, 1562. | 1.7 | 6 |
| 1122 | TRIM56 acts through the IQGAP1-CDC42 signaling axis to promote glioma cell migration and invasion. <i>Cell Death and Disease</i> , 2023, 14, . | 2.7 | 4 |
| 1123 | Prognostic role of the pretreatment systemic immune-inflammation index in patients with glioma: A meta-analysis. <i>Frontiers in Neurology</i> , 0, 14, . | 1.1 | 6 |
| 1124 | Astrocytic neoplasms. , 2013, , 705-728. | | 1 |
| 1125 | Lipid-Based Nanocarriers in the Treatment of Glioblastoma Multiforme (GBM): Challenges and Opportunities. <i>AAPS PharmSciTech</i> , 2023, 24, . | 1.5 | 1 |
| 1139 | 3D Brain MRI Segmentation using Deep Neural Network. , 2023, , . | | 0 |
| 1173 | Deep Learning Based Lightweight Model for Brain Tumor Classification and Segmentation. <i>Advances in Intelligent Systems and Computing</i> , 2024, , 491-503. | 0.5 | 0 |
| 1178 | Wnt/ β -catenin-driven EMT regulation in human cancers. <i>Cellular and Molecular Life Sciences</i> , 2024, 81, . | 2.4 | 1 |