

Isolation and Characterization of Tumorigenic, Stem-like Glioblastoma

Cancer Research

64, 7011-7021

DOI: [10.1158/0008-5472.can-04-1364](https://doi.org/10.1158/0008-5472.can-04-1364)

Citation Report

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Isolation of cancer stem cells from adult glioblastoma multiforme. <i>Oncogene</i> , 2004, 23, 9392-9400. | 2.6 | 747 |
| 2 | Identification of human brain tumour initiating cells. <i>Nature</i> , 2004, 432, 396-401. | 13.7 | 6,758 |
| 3 | Prostate epithelial stem cells. <i>Cell Proliferation</i> , 2005, 38, 363-374. | 2.4 | 99 |
| 4 | Cancer stem cells in the mammalian central nervous system. <i>Cell Proliferation</i> , 2005, 38, 423-433. | 2.4 | 61 |
| 5 | The origin of the cancer stem cell: current controversies and new insights. <i>Nature Reviews Cancer</i> , 2005, 5, 899-904. | 12.8 | 520 |
| 6 | Early inactivation of p53 tumor suppressor gene cooperating with NF1 loss induces malignant astrocytoma. <i>Cancer Cell</i> , 2005, 8, 119-130. | 7.7 | 481 |
| 7 | Tie2 identifies a hematopoietic lineage of proangiogenic monocytes required for tumor vessel formation and a mesenchymal population of pericyte progenitors. <i>Cancer Cell</i> , 2005, 8, 211-226. | 7.7 | 1,212 |
| 8 | Brain as a paradigm of organ growth: Hedgehog-Gli signaling in neural stem cells and brain tumors. <i>Journal of Neurobiology</i> , 2005, 64, 476-490. | 3.7 | 74 |
| 9 | Bmi1 in development and tumorigenesis of the central nervous system. <i>Journal of Molecular Medicine</i> , 2005, 83, 596-600. | 1.7 | 24 |
| 10 | Neuro-Oncology in a Nutshell. <i>Journal of Neuro-Oncology</i> , 2005, 71, 1-2. | 1.4 | 0 |
| 11 | Models and Concepts. , 2005, , 7-19. | | 7 |
| 13 | Gene Therapy and Targeted Toxins for Glioma. <i>Current Gene Therapy</i> , 2005, 5, 535-557. | 0.9 | 71 |
| 14 | Molecular cytogenetic analysis in the study of brain tumors: findings and applications. <i>Neurosurgical Focus</i> , 2005, 19, 1-36. | 1.0 | 25 |
| 15 | Glioblastoma-Induced Attraction of Endogenous Neural Precursor Cells Is Associated with Improved Survival. <i>Journal of Neuroscience</i> , 2005, 25, 2637-2646. | 1.7 | 200 |
| 16 | Emx2 Regulates Mammalian Reproduction by Altering Endometrial Cell Proliferation. <i>Molecular Endocrinology</i> , 2005, 19, 2839-2846. | 3.7 | 54 |
| 17 | PEX-Producing Human Neural Stem Cells Inhibit Tumor Growth in a Mouse Glioma Model. <i>Clinical Cancer Research</i> , 2005, 11, 5965-5970. | 3.2 | 128 |
| 18 | PBK/TOPK, a Proliferating Neural Progenitor-Specific Mitogen-Activated Protein Kinase Kinase. <i>Journal of Neuroscience</i> , 2005, 25, 10773-10785. | 1.7 | 90 |
| 19 | Neurofibromin Regulates Neural Stem Cell Proliferation, Survival, and Astroglial Differentiation In Vitro and In Vivo. <i>Journal of Neuroscience</i> , 2005, 25, 5584-5594. | 1.7 | 120 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 20 | Genetic characterization of commonly used glioma cell lines in the rat animal model system. <i>Neurosurgical Focus</i> , 2005, 19, 1-9. | 1.0 | 86 |
| 21 | Stem and Progenitor-Like Cells Contribute to the Aggressive Behavior of Human Epithelial Ovarian Cancer. <i>Cancer Research</i> , 2005, 65, 3025-3029. | 0.4 | 701 |
| 22 | Side Population Is Enriched in Tumorigenic, Stem-Like Cancer Cells, whereas ABCG2+ and ABCG2 ⁻ Cancer Cells Are Similarly Tumorigenic. <i>Cancer Research</i> , 2005, 65, 6207-6219. | 0.4 | 873 |
| 23 | A Tumorigenic Subpopulation with Stem Cell Properties in Melanomas. <i>Cancer Research</i> , 2005, 65, 9328-9337. | 0.4 | 1,200 |
| 24 | Isolation and In vitro Propagation of Tumorigenic Breast Cancer Cells with Stem/Progenitor Cell Properties. <i>Cancer Research</i> , 2005, 65, 5506-5511. | 0.4 | 1,650 |
| 25 | Interference with HH ϵ GLI signaling inhibits prostate cancer. <i>Trends in Molecular Medicine</i> , 2005, 11, 199-203. | 3.5 | 48 |
| 26 | Brain tumor stem cells. <i>Biology of Blood and Marrow Transplantation</i> , 2005, 11, 12-13. | 2.0 | 16 |
| 27 | Neural Stem Cells and the Origin of Gliomas. <i>New England Journal of Medicine</i> , 2005, 353, 811-822. | 13.9 | 936 |
| 28 | Stem-Like Cells in Bone Sarcomas: Implications for Tumorigenesis. <i>Neoplasia</i> , 2005, 7, 967-976. | 2.3 | 426 |
| 30 | Cancer Drug Resistance. , 2006, , . | | 21 |
| 31 | Comprehensive DNA methylation profiling in a human cancer genome identifies novel epigenetic targets. <i>Carcinogenesis</i> , 2006, 27, 2409-2423. | 1.3 | 106 |
| 32 | Notch Pathway Inhibition Depletes Stem-like Cells and Blocks Engraftment in Embryonal Brain Tumors. <i>Cancer Research</i> , 2006, 66, 7445-7452. | 0.4 | 587 |
| 33 | Glioblastoma multiforme: advances in postsurgical management. <i>Community Oncology</i> , 2006, 3, 678-683. | 0.2 | 4 |
| 34 | Notch Signaling Enhances Nestin Expression in Gliomas. <i>Neoplasia</i> , 2006, 8, 1072-IN1. | 2.3 | 184 |
| 35 | Recent Advances in the Treatment of Malignant Astrocytoma. <i>Journal of Clinical Oncology</i> , 2006, 24, 1253-1265. | 0.8 | 285 |
| 36 | MOLECULAR PATHOLOGY OF MALIGNANT GLIOMAS. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2006, 1, 97-117. | 9.6 | 566 |
| 37 | Models of malignant glioma. <i>Drug Discovery Today: Disease Models</i> , 2006, 3, 191-196. | 1.2 | 2 |
| 38 | Identification of novel genes regulated in the developing human ventral mesencephalon. <i>Experimental Neurology</i> , 2006, 198, 427-437. | 2.0 | 22 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 39 | Asymmetric Segregation of the Tumor Suppressor Brat Regulates Self-Renewal in Drosophila Neural Stem Cells. <i>Cell</i> , 2006, 124, 1241-1253. | 13.5 | 473 |
| 40 | Stem cells in the etiology and treatment of cancer. <i>Current Opinion in Genetics and Development</i> , 2006, 16, 60-64. | 1.5 | 126 |
| 41 | Breast cancer stem cells: An overview. <i>European Journal of Cancer</i> , 2006, 42, 1219-1224. | 1.3 | 126 |
| 42 | Brain cancer stem-like cells. <i>European Journal of Cancer</i> , 2006, 42, 1237-1242. | 1.3 | 45 |
| 43 | Neural stem cells as novel cancer therapeutic vehicles. <i>European Journal of Cancer</i> , 2006, 42, 1298-1308. | 1.3 | 45 |
| 44 | Age dependent and cellular origin (stem versus progenitor) of a selected group of spontaneous brain tumors in humans. <i>Medical Hypotheses</i> , 2006, 67, 1437-1442. | 0.8 | 2 |
| 45 | Nestin expression in neuroepithelial tumors. <i>Neuroscience Letters</i> , 2006, 400, 80-85. | 1.0 | 37 |
| 46 | PDGFR α -Positive B Cells Are Neural Stem Cells in the Adult SVZ that Form Glioma-like Growths in Response to Increased PDGF Signaling. <i>Neuron</i> , 2006, 51, 187-199. | 3.8 | 501 |
| 47 | Targeting Stem Cells in Brain Tumors. <i>Technology in Cancer Research and Treatment</i> , 2006, 5, 251-260. | 0.8 | 5 |
| 48 | Induction by 7,12-dimethylbenz(a)anthracene of molecular and biochemical alterations in transformed human mammary epithelial stem cells, and protection by N-acetylcysteine. <i>International Journal of Oncology</i> , 2006, 29, 521. | 1.4 | 9 |
| 49 | Origins of brain tumors—“a disease of stem cells?”. <i>Nature Clinical Practice Neurology</i> , 2006, 2, 288-289. | 2.7 | 13 |
| 50 | Stem cells and cancer: an intimate relationship. <i>Journal of Pathology</i> , 2006, 209, 287-297. | 2.1 | 123 |
| 51 | Scale-Up of Breast Cancer Stem Cell Aggregate Cultures to Suspension Bioreactors. <i>Biotechnology Progress</i> , 2006, 22, 801-810. | 1.3 | 55 |
| 52 | Redefining Cellular Phenotypy Based on Embryonic, Adult, and Cancer Stem Cell Biology. <i>Brain Pathology</i> , 2006, 16, 169-180. | 2.1 | 11 |
| 53 | In vitro identification and functional characterization of glial precursor cells in human gliomas. <i>Neuropathology and Applied Neurobiology</i> , 2006, 32, 189-202. | 1.8 | 40 |
| 54 | Brain tumour stem cells. <i>Nature Reviews Cancer</i> , 2006, 6, 425-436. | 12.8 | 913 |
| 55 | Glioma stem cells promote radioresistance by preferential activation of the DNA damage response. <i>Nature</i> , 2006, 444, 756-760. | 13.7 | 5,600 |
| 56 | Bone morphogenetic proteins inhibit the tumorigenic potential of human brain tumour-initiating cells. <i>Nature</i> , 2006, 444, 761-765. | 13.7 | 1,102 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 57 | Stem cells and brain cancer. <i>Cell Death and Differentiation</i> , 2006, 13, 5-11. | 5.0 | 63 |
| 58 | Chemotherapy resistance of glioblastoma stem cells. <i>Cell Death and Differentiation</i> , 2006, 13, 1238-1241. | 5.0 | 578 |
| 59 | Differentiation profile of brain tumor stem cells: a comparative study with neural stem cells. <i>Cell Research</i> , 2006, 16, 909-915. | 5.7 | 66 |
| 60 | Target for cancer therapy: proliferating cells or stem cells. <i>Leukemia</i> , 2006, 20, 385-391. | 3.3 | 172 |
| 61 | Characterization of an imatinib-sensitive subset of high-grade human glioma cultures. <i>Oncogene</i> , 2006, 25, 4913-4922. | 2.6 | 85 |
| 62 | Concise Review: Recent Advances on the Significance of Stem Cells in Tissue Regeneration and Cancer Therapies. <i>Stem Cells</i> , 2006, 24, 2319-2345. | 1.4 | 259 |
| 63 | Neurosphere Assays: Growth Factors and Hormone Differences in Tumor and Nontumor Studies. <i>Stem Cells</i> , 2006, 24, 2851-2857. | 1.4 | 73 |
| 64 | Cancer Stem Cells. <i>New England Journal of Medicine</i> , 2006, 355, 1253-1261. | 13.9 | 1,500 |
| 65 | Unusual malignant glioneuronal tumors of the cerebrum of adults: a clinicopathologic study of three cases. <i>Acta Neuropathologica</i> , 2006, 112, 727-737. | 3.9 | 21 |
| 66 | Aneuploidy in the normal and diseased brain. <i>Cellular and Molecular Life Sciences</i> , 2006, 63, 2626-2641. | 2.4 | 91 |
| 67 | Molecular biology of malignant gliomas. <i>Clinical and Translational Oncology</i> , 2006, 8, 635-641. | 1.2 | 30 |
| 68 | Molecular subclasses of high-grade glioma predict prognosis, delineate a pattern of disease progression, and resemble stages in neurogenesis. <i>Cancer Cell</i> , 2006, 9, 157-173. | 7.7 | 2,706 |
| 69 | Tumor stem cells derived from glioblastomas cultured in bFGF and EGF more closely mirror the phenotype and genotype of primary tumors than do serum-cultured cell lines. <i>Cancer Cell</i> , 2006, 9, 391-403. | 7.7 | 2,056 |
| 70 | Radiation resistance and stem-like cells in brain tumors. <i>Cancer Cell</i> , 2006, 10, 454-456. | 7.7 | 146 |
| 71 | Contactin is expressed in human astrocytic gliomas and mediates repulsive effects. <i>Glia</i> , 2006, 53, 1-12. | 2.5 | 29 |
| 72 | Glioblastoma-derived tumorspheres identify a population of tumor stem-like cells with angiogenic potential and enhanced multidrug resistance phenotype. <i>Glia</i> , 2006, 54, 850-860. | 2.5 | 246 |
| 73 | Intracranial therapy of glioblastoma with the fusion protein DTIL13 in immunodeficient mice. <i>International Journal of Cancer</i> , 2006, 118, 2594-2601. | 2.3 | 31 |
| 74 | The neurobiology of neurooncology. <i>Annals of Neurology</i> , 2006, 60, 3-11. | 2.8 | 54 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 75 | Identification of Tumor Precursor Cells in the Brains of Primates with Radiation-Induced de novo Glioblastoma Multiforme. <i>Cell Cycle</i> , 2006, 5, 452-456. | 1.3 | 13 |
| 76 | Brain Tumor Stem Cells. <i>Pediatric Research</i> , 2006, 59, 54R-58R. | 1.1 | 63 |
| 77 | Brain tumor stem cells: new targets for clinical treatments?. <i>Neurosurgical Focus</i> , 2006, 20, E27. | 1.0 | 17 |
| 78 | A Prospective on Stem Cell Research. <i>Seminars in Reproductive Medicine</i> , 2006, 24, 289-297. | 0.5 | 13 |
| 79 | Cell therapies for glioblastoma. <i>Expert Opinion on Biological Therapy</i> , 2006, 6, 739-749. | 1.4 | 26 |
| 80 | Primary Glioblastomas Express Mesenchymal Stem-Like Properties. <i>Molecular Cancer Research</i> , 2006, 4, 607-619. | 1.5 | 215 |
| 81 | CXCR4 Inhibition Synergizes with Cytotoxic Chemotherapy in Gliomas. <i>Clinical Cancer Research</i> , 2006, 12, 6765-6771. | 3.2 | 119 |
| 83 | IQGAP1 Protein Specifies Amplifying Cancer Cells in Glioblastoma Multiforme. <i>Cancer Research</i> , 2006, 66, 9074-9082. | 0.4 | 50 |
| 84 | Stem Cell-like Glioma Cells Promote Tumor Angiogenesis through Vascular Endothelial Growth Factor. <i>Cancer Research</i> , 2006, 66, 7843-7848. | 0.4 | 1,239 |
| 85 | Analysis of oncogenic signaling networks in glioblastoma identifies ASPM as a molecular target. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 17402-17407. | 3.3 | 606 |
| 86 | Genetic alterations associated with acquired temozolomide resistance in SNB-19, a human glioma cell line. <i>Molecular Cancer Therapeutics</i> , 2006, 5, 2182-2192. | 1.9 | 51 |
| 87 | PTEN negatively regulates neural stem cell self-renewal by modulating G0-G1 cell cycle entry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 111-116. | 3.3 | 281 |
| 88 | Most C6 Cells Are Cancer Stem Cells: Evidence from Clonal and Population Analyses. <i>Cancer Research</i> , 2007, 67, 3691-3697. | 0.4 | 207 |
| 89 | Glioma. , 2007, , 433-444. | | 5 |
| 90 | Resilience to Transformation and Inherent Genetic and Functional Stability of Adult Neural Stem Cells Ex vivo. <i>Cancer Research</i> , 2007, 67, 3725-3733. | 0.4 | 57 |
| 91 | Cancer stem cells and brain tumors: uprooting the bad seeds. <i>Expert Review of Anticancer Therapy</i> , 2007, 7, 1581-1590. | 1.1 | 14 |
| 92 | The p75 Neurotrophin Receptor Is a Central Regulator of Glioma Invasion. <i>PLoS Biology</i> , 2007, 5, e212. | 2.6 | 150 |
| 93 | Involvement of Homeobox Genes in Mammalian Sexual Development. <i>Sexual Development</i> , 2007, 1, 12-23. | 1.1 | 27 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 94 | von Hippel-Lindau Disease-Associated Hemangioblastomas Are Derived from Embryologic Multipotent Cells. <i>PLoS Medicine</i> , 2007, 4, e60. | 3.9 | 115 |
| 95 | N-CoR Pathway Targeting Induces Glioblastoma Derived Cancer Stem Cell Differentiation. <i>Cell Cycle</i> , 2007, 6, 467-470. | 1.3 | 54 |
| 96 | Cancer stem cell and cancer stemoids: From biology to therapy. <i>Cancer Biology and Therapy</i> , 2007, 6, 1684-1690. | 1.5 | 97 |
| 97 | Brain tumour stem cells: possibilities of new therapeutic strategies. <i>Expert Opinion on Biological Therapy</i> , 2007, 7, 1129-1135. | 1.4 | 36 |
| 98 | CD133+ and CD133 ⁻ Glioblastoma-Derived Cancer Stem Cells Show Differential Growth Characteristics and Molecular Profiles. <i>Cancer Research</i> , 2007, 67, 4010-4015. | 0.4 | 1,027 |
| 99 | Bone Marrow Niche and Leukemia. , 2007, , 125-139. | | 5 |
| 100 | Examination of the Therapeutic Potential of Delta-24-RGD in Brain Tumor Stem Cells: Role of Autophagic Cell Death. <i>Journal of the National Cancer Institute</i> , 2007, 99, 1410-1414. | 3.0 | 268 |
| 101 | Phosphorylated Pak1 Level in the Cytoplasm Correlates with Shorter Survival Time in Patients with Glioblastoma. <i>Clinical Cancer Research</i> , 2007, 13, 6603-6609. | 3.2 | 59 |
| 102 | Relationship of glioblastoma multiforme to neural stem cell regions predicts invasive and multifocal tumor phenotype. <i>Neuro-Oncology</i> , 2007, 9, 424-429. | 0.6 | 354 |
| 103 | Reinduction of ErbB2 in astrocytes promotes radial glial progenitor identity in adult cerebral cortex. <i>Genes and Development</i> , 2007, 21, 3258-3271. | 2.7 | 59 |
| 104 | Interplay of distinct growth factors during epithelial \rightarrow mesenchymal transition of cancer progenitor cells and molecular targeting as novel cancer therapies. <i>Annals of Oncology</i> , 2007, 18, 1605-1619. | 0.6 | 89 |
| 105 | Universal and Stemness-Related Tumor Antigens: Potential Use in Cancer Immunotherapy. <i>Clinical Cancer Research</i> , 2007, 13, 5675-5679. | 3.2 | 32 |
| 106 | CD133 Is Not Present on Neurogenic Astrocytes in the Adult Subventricular Zone, but on Embryonic Neural Stem Cells, Ependymal Cells, and Glioblastoma Cells. <i>Cancer Research</i> , 2007, 67, 5727-5736. | 0.4 | 186 |
| 107 | Bone Morphogenetic Proteins Regulate Tumorigenicity in Human Glioblastoma Stem Cells. , 2007, , 59-81. | | 50 |
| 109 | Identification of IGF2 signaling through phosphoinositide-3-kinase regulatory subunit 3 as a growth-promoting axis in glioblastoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 3466-3471. | 3.3 | 101 |
| 110 | Cannabinoids Induce Glioma Stem-like Cell Differentiation and Inhibit Gliomagenesis. <i>Journal of Biological Chemistry</i> , 2007, 282, 6854-6862. | 1.6 | 116 |
| 111 | Stem cell-like cancer cells in cancer cell lines. <i>Cancer Biomarkers</i> , 2007, 3, 245-250. | 0.8 | 70 |
| 112 | Establishment of Clonal Colony-Forming Assay for Propagation of Pancreatic Cancer Cells With Stem Cell Properties. <i>Pancreas</i> , 2007, 34, 429-435. | 0.5 | 113 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 113 | Neural stem cell markers, nestin and musashi proteins, in the progression of human glioma: correlation of nestin with prognosis of patient survival. <i>World Neurosurgery</i> , 2007, 68, 133-143. | 1.3 | 216 |
| 114 | Olig2-Regulated Lineage-Restricted Pathway Controls Replication Competence in Neural Stem Cells and Malignant Glioma. <i>Neuron</i> , 2007, 53, 503-517. | 3.8 | 438 |
| 115 | Phenotypic characterization of human colorectal cancer stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 10158-10163. | 3.3 | 1,961 |
| 116 | Melanoma contains CD133 and ABCG2 positive cells with enhanced tumourigenic potential. <i>European Journal of Cancer</i> , 2007, 43, 935-946. | 1.3 | 523 |
| 117 | A rapid assay for drug sensitivity of glioblastoma stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2007, 358, 908-913. | 1.0 | 27 |
| 118 | VEGF promotes tumorigenesis and angiogenesis of human glioblastoma stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2007, 360, 553-559. | 1.0 | 133 |
| 119 | Long-term maintenance of brain tumor stem cell properties under at non-adherent and adherent culture conditions. <i>Biochemical and Biophysical Research Communications</i> , 2007, 361, 586-592. | 1.0 | 50 |
| 120 | The human subventricular zone: A source of new cells and a potential source of brain tumors. <i>Experimental Neurology</i> , 2007, 205, 313-324. | 2.0 | 127 |
| 121 | Role of Wnt5a in the proliferation of human glioblastoma cells. <i>Cancer Letters</i> , 2007, 257, 172-181. | 3.2 | 94 |
| 122 | Cancer Stem Cells: At the Headwaters of Tumor Development. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2007, 2, 175-189. | 9.6 | 136 |
| 123 | Cancer Stem Cells in Radiation Resistance. <i>Cancer Research</i> , 2007, 67, 8980-8984. | 0.4 | 464 |
| 124 | Identification of Pancreatic Cancer Stem Cells. <i>Cancer Research</i> , 2007, 67, 1030-1037. | 0.4 | 3,017 |
| 125 | Lung Cancer and Lung Stem Cells. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007, 175, 547-553. | 2.5 | 165 |
| 126 | Targeting cancer stem cells. <i>Expert Opinion on Therapeutic Targets</i> , 2007, 11, 915-927. | 1.5 | 58 |
| 127 | Prostatic Stem Cell Marker Identified by cDNA Microarray in Mouse. <i>Journal of Urology</i> , 2007, 178, 686-691. | 0.2 | 12 |
| 128 | Astrocytic Stem Cells in the Adult Brain. <i>Neurosurgery Clinics of North America</i> , 2007, 18, 21-30. | 0.8 | 21 |
| 129 | In Search of the Medulloblast: Neural Stem Cells and Embryonal Brain Tumors. <i>Neurosurgery Clinics of North America</i> , 2007, 18, 59-69. | 0.8 | 45 |
| 130 | Platelet-Derived Growth Factor-Mediated Gliomagenesis and Brain Tumor Recruitment. <i>Neurosurgery Clinics of North America</i> , 2007, 18, 39-58. | 0.8 | 43 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 131 | Identification of a subset of breast carcinomas characterized by expression of cytokeratin 15: Relationship between CK15+ progenitor/amplified cells and pre-malignant lesions and invasive disease. <i>Molecular Oncology</i> , 2007, 1, 321-349. | 2.1 | 24 |
| 132 | Spontaneous Transformation of Human Adult Nontumorigenic Stem Cells to Cancer Stem Cells Is Driven by Genomic Instability in a Human Model of Glioblastoma. <i>Stem Cells</i> , 2007, 25, 1478-1489. | 1.4 | 138 |
| 133 | The Biology of Cancer Stem Cells. <i>Annual Review of Cell and Developmental Biology</i> , 2007, 23, 675-699. | 4.0 | 943 |
| 134 | Identification of uPAR-positive Chemoresistant Cells in Small Cell Lung Cancer. <i>PLoS ONE</i> , 2007, 2, e243. | 1.1 | 123 |
| 135 | Neural Stem Cells as Biological Minipumps: A Faster Route to Cell Therapy for the CNS?. <i>Current Stem Cell Research and Therapy</i> , 2007, 2, 13-22. | 0.6 | 24 |
| 136 | MiRNAs in glioblastoma. , 2007, , 350-362. | | 0 |
| 137 | Identification of tumorigenic retinal stem-like cells in human solid retinoblastomas. <i>International Journal of Cancer</i> , 2007, 121, 2125-2131. | 2.3 | 57 |
| 138 | Developmental signaling pathways in brain tumor-derived stem-like cells. <i>Developmental Dynamics</i> , 2007, 236, 3297-3308. | 0.8 | 63 |
| 139 | Role of stem cells in cancer therapy and cancer stem cells: a review. <i>Cancer Cell International</i> , 2007, 7, 9. | 1.8 | 110 |
| 140 | Ligand-dependent activation of the hedgehog pathway in glioma progenitor cells. <i>Oncogene</i> , 2007, 26, 5752-5761. | 2.6 | 125 |
| 141 | Glioblastoma multiforme: the role of DSB repair between genotype and phenotype. <i>Oncogene</i> , 2007, 26, 7809-7815. | 2.6 | 27 |
| 142 | Chemical genetics reveals a complex functional ground state of neural stem cells. <i>Nature Chemical Biology</i> , 2007, 3, 268-273. | 3.9 | 153 |
| 143 | The hunt for cancer-initiating cells: a history stemming from leukemia. <i>Leukemia</i> , 2007, 21, 1619-1627. | 3.3 | 37 |
| 144 | Stem cells of ependymoma. <i>British Journal of Cancer</i> , 2007, 96, 6-10. | 2.9 | 78 |
| 145 | Expression of Sox2 in mature and immature teratomas of central nervous system. <i>Modern Pathology</i> , 2007, 20, 742-748. | 2.9 | 35 |
| 146 | Isolation and characterization of stem cell-like precursor cells from primary human anaplastic oligoastrocytoma. <i>Modern Pathology</i> , 2007, 20, 1061-1068. | 2.9 | 58 |
| 147 | Relevance of combinatorial profiles of intermediate filaments and transcription factors for glioma histogenesis. <i>Neuropathology and Applied Neurobiology</i> , 2007, 33, 431-439. | 1.8 | 30 |
| 148 | Genetic intratumour heterogeneity in high-grade brain tumours is associated with telomere-dependent mitotic instability. <i>Neuropathology and Applied Neurobiology</i> , 2007, 33, 440-454. | 1.8 | 11 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 149 | Is cancer a stem cell disease? Theory, evidence and implications. <i>Veterinary and Comparative Oncology</i> , 2007, 5, 76-89. | 0.8 | 12 |
| 150 | Expression of HOXC9 and E2F2 are up-regulated in CD133+ cells isolated from human astrocytomas and associate with transformation of human astrocytes. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2007, 1769, 437-442. | 2.4 | 36 |
| 151 | Cancer initiation and progression: Involvement of stem cells and the microenvironment. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2007, 1775, 283-297. | 3.3 | 85 |
| 152 | Neural stem cells, tumour stem cells and brain tumours: Dangerous relationships?. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2007, 1776, 125-137. | 3.3 | 16 |
| 153 | A Perivascular Niche for Brain Tumor Stem Cells. <i>Cancer Cell</i> , 2007, 11, 69-82. | 7.7 | 1,994 |
| 154 | Bmi1 Controls Tumor Development in an Ink4a/Arf-Independent Manner in a Mouse Model for Glioma. <i>Cancer Cell</i> , 2007, 12, 328-341. | 7.7 | 264 |
| 155 | HEDGEHOG-GLI1 Signaling Regulates Human Glioma Growth, Cancer Stem Cell Self-Renewal, and Tumorigenicity. <i>Current Biology</i> , 2007, 17, 165-172. | 1.8 | 1,006 |
| 156 | Radioresistant glioma stem cells—Therapeutic obstacle or promising target?. <i>DNA Repair</i> , 2007, 6, 1391-1394. | 1.3 | 35 |
| 157 | Recent advances in cancer stem/progenitor cell research: therapeutic implications for overcoming resistance to the most aggressive cancers. <i>Journal of Cellular and Molecular Medicine</i> , 2007, 11, 981-1011. | 1.6 | 213 |
| 158 | Systems biology and cancer stem cells. <i>Journal of Cellular and Molecular Medicine</i> , 2008, 12, 97-110. | 1.6 | 22 |
| 159 | Vascular endothelial growth factor in astrogloma stem cell biology and response to therapy. <i>Journal of Cellular and Molecular Medicine</i> , 2008, 12, 111-125. | 1.6 | 26 |
| 160 | Glioma stem cells: Evidence and limitation. <i>Seminars in Cancer Biology</i> , 2007, 17, 214-218. | 4.3 | 69 |
| 161 | Human neuroblastoma stem cells. <i>Seminars in Cancer Biology</i> , 2007, 17, 241-247. | 4.3 | 104 |
| 162 | Cancer stem cells: A new paradigm for understanding tumor progression and therapeutic resistance. <i>Surgery</i> , 2007, 141, 415-419. | 1.0 | 61 |
| 163 | Cancer stem cells and “stemness” genes in neuro-oncology. <i>Neurobiology of Disease</i> , 2007, 25, 217-229. | 2.1 | 123 |
| 164 | Spheres Isolated from 9L Gliosarcoma Rat Cell Line Possess Chemoresistant and Aggressive Cancer Stem-Like Cells. <i>Stem Cells</i> , 2007, 25, 1645-1653. | 1.4 | 132 |
| 165 | A Novel, Immortal, and Multipotent Human Neural Stem Cell Line Generating Functional Neurons and Oligodendrocytes. <i>Stem Cells</i> , 2007, 25, 2312-2321. | 1.4 | 79 |
| 166 | Cyclopamine-Mediated Hedgehog Pathway Inhibition Depletes Stem-Like Cancer Cells in Glioblastoma. <i>Stem Cells</i> , 2007, 25, 2524-2533. | 1.4 | 578 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 167 | Cancer Stem Cells: Models and Concepts. Annual Review of Medicine, 2007, 58, 267-284. | 5.0 | 1,184 |
| 168 | Brain Tumor Stem Cells: Identification and Concepts. Neurosurgery Clinics of North America, 2007, 18, 31-38. | 0.8 | 53 |
| 169 | Notch activation promotes cell proliferation and the formation of neural stem cell-like colonies in human glioma cells. Molecular and Cellular Biochemistry, 2007, 307, 101-108. | 1.4 | 121 |
| 170 | Expression of MHC I and NK ligands on human CD133+ glioma cells: possible targets of immunotherapy. Journal of Neuro-Oncology, 2007, 83, 121-131. | 1.4 | 138 |
| 171 | CD44 adhesion molecule and neuro-glial proteoglycan NG2 as invasive markers of glioma. Brain Cell Biology, 2007, 35, 159-172. | 3.5 | 39 |
| 172 | Ependymomas with neuronal differentiation: a morphologic and immunohistochemical spectrum. Acta Neuropathologica, 2007, 113, 313-324. | 3.9 | 66 |
| 173 | Diffuse glioma growth: a guerilla war. Acta Neuropathologica, 2007, 114, 443-458. | 3.9 | 513 |
| 174 | Brain tumor stem cells. Current Neurology and Neuroscience Reports, 2007, 7, 215-220. | 2.0 | 14 |
| 175 | Prospective Isolation and Functional Analysis of Stem and Differentiated Cells from the Mouse Mammary Gland. Stem Cell Reviews and Reports, 2007, 3, 124-136. | 5.6 | 21 |
| 176 | Stem Cells and Cancer: An Overview. Stem Cell Reviews and Reports, 2007, 3, 249-255. | 5.6 | 59 |
| 177 | Isolation of side population cells and detection of ABCG2 from SW480. Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research, 2007, 19, 238-243. | 0.7 | 1 |
| 178 | Apoptosis in normal and cancer stem cells. Critical Reviews in Oncology/Hematology, 2008, 66, 42-51. | 2.0 | 80 |
| 179 | Brain Tumor Stem Cells. Current Problems in Cancer, 2008, 32, 124-142. | 1.0 | 22 |
| 180 | Cancer stem cells: markers or biomarkers?. Cancer and Metastasis Reviews, 2008, 27, 459-470. | 2.7 | 102 |
| 181 | Limitations of the cancer stem cell theory. Cytotechnology, 2008, 58, 3-9. | 0.7 | 14 |
| 182 | Expression of stem cell markers in human astrocytomas of different WHO grades. Journal of Neuro-Oncology, 2008, 86, 31-45. | 1.4 | 154 |
| 183 | Stem Cell Markers in Gliomas. Neurochemical Research, 2008, 33, 2407-2415. | 1.6 | 96 |
| 184 | Tumorstammzellen: Grundlagen, klinische Implikationen und Kontroversen. Onkopipeline, 2008, 1, 91-100. | 0.0 | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 185 | The Emerging Role of Anti-Angiogenic Therapy for Malignant Glioma. Current Treatment Options in Oncology, 2008, 9, 1-22. | 1.3 | 32 |
| 186 | Immunotherapeutic Treatment Strategies for Primary Brain Tumors. Current Treatment Options in Oncology, 2008, 9, 32-40. | 1.3 | 12 |
| 187 | Identification of cancer stem-like cells in the C6 glioma cell line and the limitation of current identification methods. In Vitro Cellular and Developmental Biology - Animal, 2008, 44, 280-289. | 0.7 | 57 |
| 188 | Commentary: "Re-Programming or Selecting Adult Stem Cells". Stem Cell Reviews and Reports, 2008, 4, 81-88. | 5.6 | 23 |
| 189 | Glioma Formation, Cancer Stem Cells, and Akt Signaling. Stem Cell Reviews and Reports, 2008, 4, 203-210. | 5.6 | 92 |
| 190 | In Search of Liver Cancer Stem Cells. Stem Cell Reviews and Reports, 2008, 4, 179-192. | 5.6 | 21 |
| 191 | Cancer stem cells and brain tumors. Clinical and Translational Oncology, 2008, 10, 262-267. | 1.2 | 27 |
| 192 | The role of cancer stem cells in neoplasia of the lung: past, present and future. Clinical and Translational Oncology, 2008, 10, 719-725. | 1.2 | 14 |
| 193 | Brain tumor stem cells as research and treatment targets. Brain Tumor Pathology, 2008, 25, 67-72. | 1.1 | 32 |
| 194 | The interface between glial progenitors and gliomas. Acta Neuropathologica, 2008, 116, 465-477. | 3.9 | 101 |
| 195 | Cells in the astroglial lineage are neural stem cells. Cell and Tissue Research, 2008, 331, 179-191. | 1.5 | 137 |
| 196 | TGF-beta in neural stem cells and in tumors of the central nervous system. Cell and Tissue Research, 2008, 331, 225-241. | 1.5 | 91 |
| 197 | Stem cells and cancer: a deadly mix. Cell and Tissue Research, 2008, 331, 109-124. | 1.5 | 47 |
| 198 | Glioblastoma stem cells produce vascular endothelial growth factor by activation of a G-protein coupled formylpeptide receptor FPR. Journal of Pathology, 2008, 215, 369-376. | 2.1 | 68 |
| 199 | Maternal embryonic leucine zipper kinase is a key regulator of the proliferation of malignant brain tumors, including brain tumor stem cells. Journal of Neuroscience Research, 2008, 86, 48-60. | 1.3 | 144 |
| 200 | An identification of stem cell-resembling gene expression profiles in high-grade astrocytomas. Molecular Carcinogenesis, 2008, 47, 893-903. | 1.3 | 7 |
| 201 | CD133 negative glioma cells form tumors in nude rats and give rise to CD133 positive cells. International Journal of Cancer, 2008, 122, 761-768. | 2.3 | 508 |
| 202 | Haplotype-specific expression of the human <i>PDGFRA</i> gene correlates with the risk of glioblastomas. International Journal of Cancer, 2008, 123, 322-329. | 2.3 | 18 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 203 | Neural Stem Cells in the Mammalian Brain. <i>International Review of Cytology</i> , 2008, 265, 55-109. | 6.2 | 9 |
| 204 | Enumeration of Neural Stem and Progenitor Cells in the Neural Colony-Forming Cell Assay. <i>Stem Cells</i> , 2008, 26, 988-996. | 1.4 | 192 |
| 205 | Direct Orthotopic Transplantation of Fresh Surgical Specimen Preserves CD133+ Tumor Cells in Clinically Relevant Mouse Models of Medulloblastoma and Glioma. <i>Stem Cells</i> , 2008, 26, 1414-1424. | 1.4 | 127 |
| 206 | Brain Cancer Stem Cells Display Preferential Sensitivity to Akt Inhibition. <i>Stem Cells</i> , 2008, 26, 3027-3036. | 1.4 | 207 |
| 207 | The neurosphere assay, a method under scrutiny. <i>Acta Neuropsychiatrica</i> , 2008, 20, 2-8. | 1.0 | 22 |
| 208 | Clinical and biological implications of CD133-positive and CD133-negative cells in glioblastomas. <i>Laboratory Investigation</i> , 2008, 88, 808-815. | 1.7 | 312 |
| 209 | Cancer stem cells – old concepts, new insights. <i>Cell Death and Differentiation</i> , 2008, 15, 947-958. | 5.0 | 320 |
| 210 | Mesenchymal differentiation of glioblastoma stem cells. <i>Cell Death and Differentiation</i> , 2008, 15, 1491-1498. | 5.0 | 97 |
| 211 | Mesenchymal stem cells share molecular signature with mesenchymal tumor cells and favor early tumor growth in syngeneic mice. <i>Oncogene</i> , 2008, 27, 2542-2551. | 2.6 | 114 |
| 212 | Glioblastoma-derived stem cell-enriched cultures form distinct subgroups according to molecular and phenotypic criteria. <i>Oncogene</i> , 2008, 27, 2897-2909. | 2.6 | 384 |
| 213 | Identification of a novel switch in the dominant forms of cell adhesion-mediated drug resistance in glioblastoma cells. <i>Oncogene</i> , 2008, 27, 5169-5181. | 2.6 | 54 |
| 214 | Cancer stem cells in solid tumours: accumulating evidence and unresolved questions. <i>Nature Reviews Cancer</i> , 2008, 8, 755-768. | 12.8 | 3,070 |
| 215 | Identification and expansion of the tumorigenic lung cancer stem cell population. <i>Cell Death and Differentiation</i> , 2008, 15, 504-514. | 5.0 | 1,511 |
| 216 | Cancer stem cells with genetic instability: the best vehicle with the best engine for cancer. <i>Gene Therapy</i> , 2008, 15, 136-142. | 2.3 | 78 |
| 217 | The Evolution of Our Understanding on Glioma. <i>Brain Pathology</i> , 2008, 18, 455-463. | 2.1 | 23 |
| 218 | The 2007 WHO Classification of Tumors of the Nervous System: Controversies in Surgical Neuropathology. <i>Brain Pathology</i> , 2008, 18, 307-316. | 2.1 | 76 |
| 219 | Successful isolation and long-term establishment of a cell line with stem cell-like features from an anaplastic medulloblastoma. <i>Neuropathology and Applied Neurobiology</i> , 2008, 34, 306-315. | 1.8 | 16 |
| 220 | Potential identity of multi-potential cancer stem-like subpopulation after radiation of cultured brain glioma. <i>BMC Neuroscience</i> , 2008, 9, 15. | 0.8 | 58 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 221 | Glioma stem cells are more aggressive in recurrent tumors with malignant progression than in the primary tumor, and both can be maintained long-term in vitro. <i>BMC Cancer</i> , 2008, 8, 304. | 1.1 | 98 |
| 222 | miR-124 and miR-137 inhibit proliferation of glioblastoma multiforme cells and induce differentiation of brain tumor stem cells. <i>BMC Medicine</i> , 2008, 6, 14. | 2.3 | 819 |
| 223 | Mutation and copy number analysis of LNX1 and Numbl in nervous system tumors. <i>Cancer Genetics and Cytogenetics</i> , 2008, 186, 103-109. | 1.0 | 11 |
| 224 | BMPing Off Glioma Stem Cells. <i>Cancer Cell</i> , 2008, 13, 3-4. | 7.7 | 31 |
| 225 | Acquisition of Granule Neuron Precursor Identity Is a Critical Determinant of Progenitor Cell Competence to Form Shh-Induced Medulloblastoma. <i>Cancer Cell</i> , 2008, 14, 123-134. | 7.7 | 572 |
| 226 | The Linear-Quadratic Model Is Inappropriate to Model High Dose per Fraction Effects in Radiosurgery. <i>Seminars in Radiation Oncology</i> , 2008, 18, 240-243. | 1.0 | 442 |
| 227 | Isolation and characterisation of cancer stem cells from canine osteosarcoma. <i>Veterinary Journal</i> , 2008, 175, 69-75. | 0.6 | 95 |
| 228 | New developments in medulloblastoma treatment: the potential of a cycloamineâ€“lovastatin combination. <i>Expert Opinion on Investigational Drugs</i> , 2008, 17, 185-195. | 1.9 | 20 |
| 229 | Brain Tumor Stem Cells: Bringing Order to the Chaos of Brain Cancer. <i>Journal of Clinical Oncology</i> , 2008, 26, 2916-2924. | 0.8 | 164 |
| 230 | Characterization of Adult Neural Stem Cells and Their Relation to Brain Tumors. <i>Cells Tissues Organs</i> , 2008, 188, 212-224. | 1.3 | 68 |
| 231 | Cancer stem cells and glioma. <i>Nature Clinical Practice Neurology</i> , 2008, 4, 427-435. | 2.7 | 105 |
| 232 | Nestin and CD133: valuable stem cell-specific markers for determining clinical outcome of glioma patients. <i>Journal of Experimental and Clinical Cancer Research</i> , 2008, 27, 85. | 3.5 | 231 |
| 233 | Breast cancer stem cells: implications for therapy of breast cancer. <i>Breast Cancer Research</i> , 2008, 10, 210. | 2.2 | 109 |
| 234 | Adult Neural Stem Cells. <i>Methods in Molecular Biology</i> , 2008, 438, 67-84. | 0.4 | 16 |
| 236 | Tumor Angiogenesis and the Cancer Stem Cell Model. , 2008, , 249-258. | | 1 |
| 237 | Nuclear receptor binding protein 2 is induced during neural progenitor differentiation and affects cell survival. <i>Molecular and Cellular Neurosciences</i> , 2008, 39, 32-39. | 1.0 | 16 |
| 238 | Glioma Stem Cells: A Midterm Exam. <i>Neuron</i> , 2008, 58, 832-846. | 3.8 | 291 |
| 239 | Isolation and characterization of cancer stem cells from a human glioblastoma cell line U87. <i>Cancer Letters</i> , 2008, 265, 124-134. | 3.2 | 199 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 240 | The new challenge of stem cell: Brain tumour therapy. <i>Cancer Letters</i> , 2008, 272, 1-11. | 3.2 | 15 |
| 241 | Brain cancer stem-like cell genesis from p53-deficient mouse astrocytes by oncogenic Ras. <i>Biochemical and Biophysical Research Communications</i> , 2008, 365, 496-502. | 1.0 | 30 |
| 243 | DNA repair and cancer stem-like cells – Potential partners in glioma drug resistance?. <i>Cancer Treatment Reviews</i> , 2008, 34, 558-567. | 3.4 | 125 |
| 244 | Recent Advances on the Molecular Mechanisms Involved in the Drug Resistance of Cancer Cells and Novel Targeting Therapies. <i>Clinical Pharmacology and Therapeutics</i> , 2008, 83, 673-691. | 2.3 | 157 |
| 245 | CD133 Is a Marker of Bioenergetic Stress in Human Glioma. <i>PLoS ONE</i> , 2008, 3, e3655. | 1.1 | 208 |
| 247 | Abnormal DNA Methylation of <i>CD133</i> in Colorectal and Glioblastoma Tumors. <i>Cancer Research</i> , 2008, 68, 8094-8103. | 0.4 | 153 |
| 248 | Targeting of the Bmi-1 Oncogene/Stem Cell Renewal Factor by MicroRNA-128 Inhibits Glioma Proliferation and Self-Renewal. <i>Cancer Research</i> , 2008, 68, 9125-9130. | 0.4 | 670 |
| 249 | Medulloblastoma Stem Cells. <i>Journal of Clinical Oncology</i> , 2008, 26, 2821-2827. | 0.8 | 138 |
| 250 | Survival of the Fittest: Cancer Stem Cells in Therapeutic Resistance and Angiogenesis. <i>Journal of Clinical Oncology</i> , 2008, 26, 2839-2845. | 0.8 | 665 |
| 251 | The critical role of SDF-1/CXCR4 axis in cancer and cancer stem cells metastasis. <i>Journal of Endocrinological Investigation</i> , 2008, 31, 809-819. | 1.8 | 96 |
| 252 | Inhibitor of differentiation 4 drives brain tumor-initiating cell genesis through cyclin E and notch signaling. <i>Genes and Development</i> , 2008, 22, 2028-2033. | 2.7 | 120 |
| 253 | Cancer Stem Cells Are Enriched in the Side Population Cells in a Mouse Model of Glioma. <i>Cancer Research</i> , 2008, 68, 10051-10059. | 0.4 | 144 |
| 254 | Cancer Stem Cell Analysis and Clinical Outcome in Patients with Glioblastoma Multiforme. <i>Clinical Cancer Research</i> , 2008, 14, 8205-8212. | 3.2 | 327 |
| 255 | Brain Tumour Stem Cells and Neural Stem Cells: Still Explored by the Same Approach?. <i>Journal of International Medical Research</i> , 2008, 36, 890-895. | 0.4 | 7 |
| 256 | Aldehyde Dehydrogenase as a Marker for Stem Cells. <i>Current Stem Cell Research and Therapy</i> , 2008, 3, 237-246. | 0.6 | 237 |
| 257 | MDA-7/IL-24 plus radiation enhance survival in animals with intracranial primary human GBM tumors. <i>Cancer Biology and Therapy</i> , 2008, 7, 917-933. | 1.5 | 44 |
| 258 | Mechanisms of Disease: the role of stem cells in the biology and treatment of gliomas. <i>Nature Clinical Practice Oncology</i> , 2008, 5, 393-404. | 4.3 | 47 |
| 259 | Targeting Cancer Stem Cells through LICAM Suppresses Glioma Growth. <i>Cancer Research</i> , 2008, 68, 6043-6048. | 0.4 | 376 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 260 | Epidermal Growth Factor Plays a Crucial Role in Mitogenic Regulation of Human Brain Tumor Stem Cells. <i>Journal of Biological Chemistry</i> , 2008, 283, 10958-10966. | 1.6 | 149 |
| 261 | Significance of Epidermal Growth Factor Receptor in the Radiation Resistance of Glioblastoma Tumors. , 2008, , . | | 0 |
| 262 | Prostate cancer stem cell therapy: hype or hope?. <i>Prostate Cancer and Prostatic Diseases</i> , 2008, 11, 316-319. | 2.0 | 11 |
| 263 | Targeting Hyaluronan Interactions in Malignant Gliomas and Their Drug-Resistant Multipotent Progenitors. <i>Clinical Cancer Research</i> , 2008, 14, 1804-1813. | 3.2 | 77 |
| 264 | Inhibition of Glioblastoma Growth in a Highly Invasive Nude Mouse Model Can Be Achieved by Targeting Epidermal Growth Factor Receptor but not Vascular Endothelial Growth Factor Receptor-2. <i>Clinical Cancer Research</i> , 2008, 14, 5447-5458. | 3.2 | 84 |
| 265 | Molecular Predictors in Glioblastoma. <i>Archives of Neurology</i> , 2008, 65, 877-83. | 4.9 | 62 |
| 266 | Hyaluronan Regulates Ceruloplasmin Production By Gliomas and Their Treatment-Resistant Multipotent Progenitors. <i>Journal of Child Neurology</i> , 2008, 23, 1221-1230. | 0.7 | 12 |
| 267 | Prostate cell cultures as in vitro models for the study of normal stem cells and cancer stem cells. <i>Prostate Cancer and Prostatic Diseases</i> , 2008, 11, 32-39. | 2.0 | 61 |
| 268 | Using Neurofibromatosis-1 to Better Understand and Treat Pediatric Low-Grade Glioma. <i>Journal of Child Neurology</i> , 2008, 23, 1186-1194. | 0.7 | 30 |
| 269 | Brain tumour stem cells: the undercurrents of human brain cancer and their relationship to neural stem cells. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2008, 363, 139-152. | 1.8 | 67 |
| 270 | Impaired generation of mature neurons by neural stem cells from hypomorphic Sox2 mutants. <i>Development (Cambridge)</i> , 2008, 135, 541-557. | 1.2 | 161 |
| 271 | Molecular and cell biology of brain tumor stem cells: lessons from neural progenitor/stem cells. <i>Neurosurgical Focus</i> , 2008, 24, E25. | 1.0 | 16 |
| 272 | New strategy for the analysis of phenotypic marker antigens in brain tumor-derived neurospheres in mice and humans. <i>Neurosurgical Focus</i> , 2008, 24, E28. | 1.0 | 23 |
| 273 | Implications of the cancer stem cell hypothesis for neuro-oncology and neurology. <i>Future Neurology</i> , 2008, 3, 265-273. | 0.9 | 8 |
| 274 | Cancer stem cells: Models, mechanisms and implications for improved treatment. <i>Cell Cycle</i> , 2008, 7, 1360-1370. | 1.3 | 84 |
| 275 | Temozolomide Preferentially Depletes Cancer Stem Cells in Glioblastoma. <i>Cancer Research</i> , 2008, 68, 5706-5715. | 0.4 | 269 |
| 276 | A Stochastic Model for Cancer Stem Cell Origin in Metastatic Colon Cancer. <i>Cancer Research</i> , 2008, 68, 6932-6941. | 0.4 | 144 |
| 277 | Cannabinoids as potential new therapy for the treatment of gliomas. <i>Expert Review of Neurotherapeutics</i> , 2008, 8, 37-49. | 1.4 | 28 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 278 | Anaplastic astrocytomas: biology and treatment. Expert Review of Neurotherapeutics, 2008, 8, 575-586. | 1.4 | 8 |
| 279 | Cytokines and Extracellular Matrix Remodeling in the Central Nervous System. NeuroImmune Biology, 2008, 6, 167-197. | 0.2 | 11 |
| 280 | The progression of gliomas is associated with cancer stem cell phenotype. Oncology Reports, 2008, , . | 1.2 | 7 |
| 281 | Cancer and Stem Cells. Current Cancer Therapy Reviews, 2008, 4, 168-177. | 0.2 | 1 |
| 282 | TGF- β Signaling in Gastrointestinal Cancer Stem Cells. Current Cancer Therapy Reviews, 2008, 4, 196-200. | 0.2 | 0 |
| 283 | Sox2 Expression in Brain Tumors: A Reflection of the Neuroglial Differentiation Pathway. American Journal of Surgical Pathology, 2008, 32, 103-112. | 2.1 | 83 |
| 284 | IDENTIFICATION OF A2B5+CD133 ⁺ TUMOR-INITIATING CELLS IN ADULT HUMAN GLIOMAS. Neurosurgery, 2008, 62, 505-515. | 0.6 | 366 |
| 285 | Notch, Neural Stem Cells, and Brain Tumors. Cold Spring Harbor Symposia on Quantitative Biology, 2008, 73, 367-375. | 2.0 | 66 |
| 286 | Cancer Stem Cells in Brain Tumor Biology. Cold Spring Harbor Symposia on Quantitative Biology, 2008, 73, 411-420. | 2.0 | 68 |
| 287 | A COMPARISON BETWEEN STEM CELLS FROM THE ADULT HUMAN BRAIN AND FROM BRAIN TUMORS. Neurosurgery, 2008, 63, 1022-1034. | 0.6 | 52 |
| 288 | USE OF HUMAN NEURAL TISSUE FOR THE GENERATION OF PROGENITORS. Neurosurgery, 2008, 62, 21-30. | 0.6 | 11 |
| 289 | Cancer Stem Cell Research: Current Situation and Problems. Cell Transplantation, 2008, 17, 19-25. | 1.2 | 14 |
| 290 | Immortalization of Human Neural Stem Cells with the c-Myc Mutant T58A. PLoS ONE, 2008, 3, e3310. | 1.1 | 37 |
| 291 | Stem Cells in Gastrointestinal Cancers. Disease Markers, 2008, 24, 217-222. | 0.6 | 1 |
| 292 | Multimodal Imaging of Neural Progenitor Cell Fate in Rodents. Molecular Imaging, 2008, 7, 7290.2008.0010. | 0.7 | 49 |
| 293 | Purification and characterization of cancer stem cells. , 0, , 1-14. | | 0 |
| 294 | Phenotypic Characterization of Retinoblastoma for the Presence of Putative Cancer Stem-like Cell Markers by Flow Cytometry. , 2009, 50, 1506. | | 43 |
| 295 | The Malignant Pleural Effusion as a Model to Investigate Intratumoral Heterogeneity in Lung Cancer. PLoS ONE, 2009, 4, e5884. | 1.1 | 54 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 296 | Apoptosis in Carcinogenesis and Chemotherapy. , 2009, , . | | 10 |
| 297 | The hypoxic microenvironment maintains glioblastoma stem cells and promotes reprogramming towards a cancer stem cell phenotype. <i>Cell Cycle</i> , 2009, 8, 3274-3284. | 1.3 | 708 |
| 298 | Review Paper: Cancer Stem Cells and Cancer Nonstem Cells: From Adult Stem Cells or from Reprogramming of Differentiated Somatic Cells. <i>Veterinary Pathology</i> , 2009, 46, 176-193. | 0.8 | 79 |
| 299 | Human Glioblastomaâ€œDerived Cancer Stem Cells: Establishment of Invasive Glioma Models and Treatment with Oncolytic Herpes Simplex Virus Vectors. <i>Cancer Research</i> , 2009, 69, 3472-3481. | 0.4 | 303 |
| 300 | Identification of Cancer Stem Cells in Ewing's Sarcoma. <i>Cancer Research</i> , 2009, 69, 1776-1781. | 0.4 | 291 |
| 301 | Preclinical development of cancer stem cell drugs. <i>Expert Opinion on Drug Discovery</i> , 2009, 4, 741-752. | 2.5 | 7 |
| 302 | AMP-activated Protein Kinase Is Involved in Neural Stem Cell Growth Suppression and Cell Cycle Arrest by 5-Aminoimidazole-4-carboxamide-1- β -d-ribofuranoside and Glucose Deprivation by Down-regulating Phospho-retinoblastoma Protein and Cyclin D. <i>Journal of Biological Chemistry</i> , 2009, 284, 6175-6184. | 1.6 | 45 |
| 303 | Transformed Human Brain Cells in Culture as a Model for Brain Tumors. , 2009, , 163-180. | | 1 |
| 304 | A microarray-based DNA methylation study of glioblastoma multiforme. <i>Epigenetics</i> , 2009, 4, 255-264. | 1.3 | 155 |
| 305 | Possible Involvement of Brain Tumour Stem Cells in the Emergence of a Fast-Growing Malignant Meningioma after Surgical Resection and Radiotherapy of High-Grade Astrocytoma: Case Report and Preliminary Laboratory Investigation. <i>Journal of International Medical Research</i> , 2009, 37, 240-246. | 0.4 | 14 |
| 306 | Identification of Cancer Stem Cells in Dog Glioblastoma. <i>Veterinary Pathology</i> , 2009, 46, 391-406. | 0.8 | 78 |
| 307 | The role of autophagy in sensitizing malignant glioma cells to radiation therapy. <i>Acta Biochimica Et Biophysica Sinica</i> , 2009, 41, 341-351. | 0.9 | 111 |
| 308 | NDRG4 Is Required for Cell Cycle Progression and Survival in Glioblastoma Cells. <i>Journal of Biological Chemistry</i> , 2009, 284, 25160-25169. | 1.6 | 49 |
| 309 | Different Response of Human Glioma Tumor-initiating Cells to Epidermal Growth Factor Receptor Kinase Inhibitors. <i>Journal of Biological Chemistry</i> , 2009, 284, 7138-7148. | 1.6 | 117 |
| 310 | EGFRvIII expression and PTEN loss synergistically induce chromosomal instability and glial tumors. <i>Neuro-Oncology</i> , 2009, 11, 9-21. | 0.6 | 79 |
| 311 | Inhibition of Akt inhibits growth of glioblastoma and glioblastoma stem-like cells. <i>Molecular Cancer Therapeutics</i> , 2009, 8, 386-393. | 1.9 | 122 |
| 312 | CD133+ Glioblastoma Stem-like Cells are Radiosensitive with a Defective DNA Damage Response Compared with Established Cell Lines. <i>Clinical Cancer Research</i> , 2009, 15, 5145-5153. | 3.2 | 161 |
| 313 | Identifying and enumerating neural stem cells: application to aging and cancer. <i>Progress in Brain Research</i> , 2009, 175, 43-51. | 0.9 | 10 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 314 | Efficacy of the HSP90 inhibitor 17-AAG in human glioma cell lines and tumorigenic glioma stem cells. <i>Neuro-Oncology</i> , 2009, 11, 109-121. | 0.6 | 111 |
| 315 | Antibodies targeting cancer stem cells: A new paradigm in immunotherapy?. <i>MAbs</i> , 2009, 1, 12-25. | 2.6 | 130 |
| 316 | Involvement of mTORC1 and mTORC2 in regulation of glioblastoma multiforme growth and motility. <i>International Journal of Oncology</i> , 2009, 35, 731-40. | 1.4 | 46 |
| 317 | Cancer Stem Cells and the Biology of Brain Tumors. <i>Current Stem Cell Research and Therapy</i> , 2009, 4, 306-313. | 0.6 | 19 |
| 318 | Cancer Stem Cells: The Emerging Challenge of Drug Targeting. <i>Current Medicinal Chemistry</i> , 2009, 16, 394-416. | 1.2 | 64 |
| 319 | Hypoxia Helps Glioma to Fight Therapy. <i>Current Cancer Drug Targets</i> , 2009, 9, 381-390. | 0.8 | 96 |
| 320 | Neuronal Aneuploidy in Health and Disease:A Cytomic Approach to Understand the Molecular Individuality of Neurons. <i>International Journal of Molecular Sciences</i> , 2009, 10, 1609-1627. | 1.8 | 41 |
| 321 | Detection of Cancer Stem Cells from the C6 Glioma Cell Line. <i>Journal of International Medical Research</i> , 2009, 37, 503-510. | 0.4 | 39 |
| 322 | Multipotent CD15+ Cancer Stem Cells in <i>Patched-1</i> Deficient Mouse Medulloblastoma. <i>Cancer Research</i> , 2009, 69, 4682-4690. | 0.4 | 166 |
| 323 | GFAP-Cre Mediated Activation of Oncogenic K-ras Results in Expansion of the Subventricular Zone and Infiltrating Glioma. <i>Molecular Cancer Research</i> , 2009, 7, 645-653. | 1.5 | 44 |
| 324 | Chemokines in neuroectodermal development and their potential implication in cancer stem cell-driven metastasis. <i>Seminars in Cancer Biology</i> , 2009, 19, 68-75. | 4.3 | 10 |
| 325 | Cancer stem cells and angiogenesis. <i>Seminars in Cancer Biology</i> , 2009, 19, 279-284. | 4.3 | 44 |
| 326 | Wild-type p53 in cancer cells: When a guardian turns into a blackguard. <i>Biochemical Pharmacology</i> , 2009, 77, 11-20. | 2.0 | 75 |
| 327 | TGF- β 2 Increases Glioma-Initiating Cell Self-Renewal through the Induction of LIF in Human Glioblastoma. <i>Cancer Cell</i> , 2009, 15, 315-327. | 7.7 | 489 |
| 328 | Hypoxia-Inducible Factors Regulate Tumorigenic Capacity of Glioma Stem Cells. <i>Cancer Cell</i> , 2009, 15, 501-513. | 7.7 | 1,196 |
| 329 | Expression of Mutant p53 Proteins Implicates a Lineage Relationship between Neural Stem Cells and Malignant Astrocytic Glioma in a Murine Model. <i>Cancer Cell</i> , 2009, 15, 514-526. | 7.7 | 228 |
| 330 | Potent antitumor effect of SN38 incorporating polymeric micelle, NK012, against malignant glioma. <i>International Journal of Cancer</i> , 2009, 124, 2505-2511. | 2.3 | 62 |
| 331 | Limits of CD133 as a marker of glioma self-renewing cells. <i>International Journal of Cancer</i> , 2009, 125, 244-248. | 2.3 | 99 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 332 | Cancer stem/progenitor cells are highly enriched in CD133 ⁺ CD44 ⁺ population in hepatocellular carcinoma. <i>International Journal of Cancer</i> , 2010, 126, 2067-2078. | 2.3 | 348 |
| 333 | Brain-specific 1B promoter of FGF1 gene facilitates the isolation of neural stem/progenitor cells with self-renewal and multipotent capacities. <i>Developmental Dynamics</i> , 2009, 238, 302-314. | 0.8 | 51 |
| 334 | Future use of mitocans against tumour-initiating cells?. <i>Molecular Nutrition and Food Research</i> , 2009, 53, 147-153. | 1.5 | 7 |
| 335 | Identification and targeting of cancer stem cells. <i>BioEssays</i> , 2009, 31, 1038-1049. | 1.2 | 157 |
| 336 | ABCG2 is related with the grade of glioma and resistance to mitoxantone, a chemotherapeutic drug for glioma. <i>Journal of Cancer Research and Clinical Oncology</i> , 2009, 135, 1369-1376. | 1.2 | 68 |
| 337 | A comparative study of ectonucleotidase and P2 receptor mRNA profiles in C6 cell line cultures and C6 ex vivo glioma model. <i>Cell and Tissue Research</i> , 2009, 335, 331-340. | 1.5 | 17 |
| 338 | Biology of Glioma Cancer Stem Cells. <i>Molecules and Cells</i> , 2009, 28, 7-12. | 1.0 | 124 |
| 339 | Emerging functions of microRNAs in glioblastoma. <i>Journal of Neuro-Oncology</i> , 2009, 92, 297-306. | 1.4 | 104 |
| 340 | Origins and clinical implications of the brain tumor stem cell hypothesis. <i>Journal of Neuro-Oncology</i> , 2009, 93, 49-60. | 1.4 | 32 |
| 341 | Glioblastoma cell growth is suppressed by disruption of fibroblast growth factor pathway signaling. <i>Journal of Neuro-Oncology</i> , 2009, 94, 359-366. | 1.4 | 65 |
| 342 | Molecular properties of CD133+ glioblastoma stem cells derived from treatment-refractory recurrent brain tumors. <i>Journal of Neuro-Oncology</i> , 2009, 94, 1-19. | 1.4 | 111 |
| 343 | Engineered herpes simplex viruses efficiently infect and kill CD133+ human glioma xenograft cells that express CD111. <i>Journal of Neuro-Oncology</i> , 2009, 95, 199-209. | 1.4 | 74 |
| 344 | Brain Tumor Stem Cells. <i>Neurochemical Research</i> , 2009, 34, 2055-2066. | 1.6 | 19 |
| 345 | Cancer stem/progenitor cell active compound 8-quinolinol in combination with paclitaxel achieves an improved cure of breast cancer in the mouse model. <i>Breast Cancer Research and Treatment</i> , 2009, 115, 269-277. | 1.1 | 42 |
| 346 | Progress on Potential Strategies to Target Brain Tumor Stem Cells. <i>Cellular and Molecular Neurobiology</i> , 2009, 29, 141-155. | 1.7 | 22 |
| 347 | Cancer Stem Cell Hierarchy. <i>Stem Cell Reviews and Reports</i> , 2009, 5, 174-174. | 5.6 | 1 |
| 348 | Tumor initiating cells in malignant gliomas: biology and implications for therapy. <i>Journal of Molecular Medicine</i> , 2009, 87, 363-374. | 1.7 | 80 |
| 349 | Brain cancer stem cells. <i>Journal of Molecular Medicine</i> , 2009, 87, 1087-1095. | 1.7 | 58 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 350 | Neurosphere Formation Is an Independent Predictor of Clinical Outcome in Malignant Glioma. <i>Stem Cells</i> , 2009, 27, 980-987. | 1.4 | 207 |
| 351 | Astrocytes Reverted to a Neural Progenitor-like State with Transforming Growth Factor Alpha Are Sensitized to Cancerous Transformation. <i>Stem Cells</i> , 2009, 27, 2373-2382. | 1.4 | 39 |
| 352 | STAT3 Is Required for Proliferation and Maintenance of Multipotency in Glioblastoma Stem Cells. <i>Stem Cells</i> , 2009, 27, 2383-2392. | 1.4 | 421 |
| 353 | NOTCH Pathway Blockade Depletes CD133-Positive Glioblastoma Cells and Inhibits Growth of Tumor Neurospheres and Xenografts. <i>Stem Cells</i> , 2010, 28, 5-16. | 1.4 | 553 |
| 354 | Notch Promotes Radioresistance of Glioma Stem Cells. <i>Stem Cells</i> , 2010, 28, 17-28. | 1.4 | 505 |
| 355 | Gliosarcoma Stem Cells Undergo Glial and Mesenchymal Differentiation In Vivo. <i>Stem Cells</i> , 2010, 28, 181-190. | 1.4 | 65 |
| 356 | <i>DNER</i> , an Epigenetically Modulated Gene, Regulates Glioblastoma-Derived Neurosphere Cell Differentiation and Tumor Propagation. <i>Stem Cells</i> , 2009, 27, 1473-1486. | 1.4 | 84 |
| 357 | Proliferation of Human Glioblastoma Stem Cells Occurs Independently of Exogenous Mitogens. <i>Stem Cells</i> , 2009, 27, 1722-1733. | 1.4 | 175 |
| 358 | Adult neural stem cells and their role in brain pathology. <i>Journal of Pathology</i> , 2009, 217, 242-253. | 2.1 | 23 |
| 359 | Regulation of microRNA biosynthesis and expression in 2102Ep embryonal carcinoma stem cells is mirrored in ovarian serous adenocarcinoma patients. <i>Journal of Ovarian Research</i> , 2009, 2, 19. | 1.3 | 20 |
| 360 | Highly infiltrative brain tumours show reduced chemosensitivity associated with a stem cell-like phenotype. <i>Neuropathology and Applied Neurobiology</i> , 2009, 35, 380-393. | 1.8 | 38 |
| 361 | Characterization of brain cancer stem cells: a mathematical approach. <i>Cell Proliferation</i> , 2009, 42, 529-540. | 2.4 | 30 |
| 362 | Adult neural stem cells in the mammalian central nervous system. <i>Cell Research</i> , 2009, 19, 672-682. | 5.7 | 284 |
| 363 | Tumour-initiating cells: challenges and opportunities for anticancer drug discovery. <i>Nature Reviews Drug Discovery</i> , 2009, 8, 806-823. | 21.5 | 755 |
| 364 | Tie2-mediated multidrug resistance in malignant gliomas is associated with upregulation of ABC transporters. <i>Oncogene</i> , 2009, 28, 2358-2363. | 2.6 | 48 |
| 365 | Hypoxia promotes expansion of the CD133-positive glioma stem cells through activation of HIF-1. <i>Oncogene</i> , 2009, 28, 3949-3959. | 2.6 | 628 |
| 366 | Distinct pools of cancer stem-like cells coexist within human glioblastomas and display different tumorigenicity and independent genomic evolution. <i>Oncogene</i> , 2009, 28, 1807-1811. | 2.6 | 177 |
| 367 | The GluR2 subunit inhibits proliferation by inactivating Src-MAPK signalling and induces apoptosis by means of caspase 3-dependent activation in glioma cells. <i>European Journal of Neuroscience</i> , 2009, 30, 25-34. | 1.2 | 32 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 368 | Novel Treatment Strategies for Malignant Gliomas Using Neural Stem Cells. <i>Neurotherapeutics</i> , 2009, 6, 458-464. | 2.1 | 14 |
| 369 | An efficient method for derivation and propagation of glioblastoma cell lines that conserves the molecular profile of their original tumours. <i>Journal of Neuroscience Methods</i> , 2009, 176, 192-199. | 1.3 | 143 |
| 370 | Intra-operatively obtained human tissue: Protocols and techniques for the study of neural stem cells. <i>Journal of Neuroscience Methods</i> , 2009, 180, 116-125. | 1.3 | 44 |
| 371 | Present and potential future adjuvant issues in high-grade astrocytic glioma treatment. <i>Advances and Technical Standards in Neurosurgery</i> , 2009, 34, 3-35. | 0.2 | 65 |
| 372 | Cryopreservation of Neurospheres Derived from Human Glioblastoma Multiforme. <i>Stem Cells</i> , 2009, 27, 29-39. | 1.4 | 56 |
| 373 | <i>SOX2</i> Silencing in Glioblastoma Tumor-Initiating Cells Causes Stop of Proliferation and Loss of Tumorigenicity. <i>Stem Cells</i> , 2009, 27, 40-48. | 1.4 | 521 |
| 374 | Gliotypic Neural Stem Cells Transiently Adopt Tumorigenic Properties During Normal Differentiation. <i>Stem Cells</i> , 2009, 27, 280-289. | 1.4 | 19 |
| 375 | Applications of neural and mesenchymal stem cells in the treatment of gliomas. <i>Expert Review of Anticancer Therapy</i> , 2009, 9, 597-612. | 1.1 | 68 |
| 376 | Polycomb group protein gene silencing, non-coding RNA, stem cells, and cancer This paper is one of a selection of papers published in this Special Issue, entitled The 30th Annual International Asilomar Chromatin and Chromosomes Conference, and has undergone the Journal's usual peer review process. <i>Biochemistry and Cell Biology</i> , 2009, 87, 711-746. | 0.9 | 70 |
| 377 | EZH2 Is Essential for Glioblastoma Cancer Stem Cell Maintenance. <i>Cancer Research</i> , 2009, 69, 9211-9218. | 0.4 | 431 |
| 378 | How powerful is CD133 as a cancer stem cell marker in brain tumors?. <i>Cancer Treatment Reviews</i> , 2009, 35, 403-408. | 3.4 | 107 |
| 379 | High-grade glioma mouse models and their applicability for preclinical testing. <i>Cancer Treatment Reviews</i> , 2009, 35, 714-723. | 3.4 | 56 |
| 380 | CXCR4 mediates the proliferation of glioblastoma progenitor cells. <i>Cancer Letters</i> , 2009, 274, 305-312. | 3.2 | 139 |
| 381 | Stem cells in melanoma development. <i>Cancer Letters</i> , 2009, 279, 119-125. | 3.2 | 15 |
| 382 | Isolation and characterization of cancer stem like cells in human glioblastoma cell lines. <i>Cancer Letters</i> , 2009, 279, 13-21. | 3.2 | 170 |
| 383 | A novel approach to the identification and enrichment of cancer stem cells from a cultured human glioma cell line. <i>Cancer Letters</i> , 2009, 281, 92-99. | 3.2 | 31 |
| 384 | Cellular immortality in brain tumours: An integration of the cancer stem cell paradigm. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2009, 1792, 280-288. | 1.8 | 13 |
| 385 | SSEA-1 Is an Enrichment Marker for Tumor-Initiating Cells in Human Glioblastoma. <i>Cell Stem Cell</i> , 2009, 4, 440-452. | 5.2 | 598 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 386 | Glioma Stem Cell Lines Expanded in Adherent Culture Have Tumor-Specific Phenotypes and Are Suitable for Chemical and Genetic Screens. <i>Cell Stem Cell</i> , 2009, 4, 568-580. | 5.2 | 881 |
| 387 | Glioma Stem Cells: Better Flat Than Round. <i>Cell Stem Cell</i> , 2009, 4, 466-467. | 5.2 | 30 |
| 388 | DLL4 Blockade Inhibits Tumor Growth and Reduces Tumor-Initiating Cell Frequency. <i>Cell Stem Cell</i> , 2009, 5, 168-177. | 5.2 | 381 |
| 389 | Brain Cancer Stem Cells: A Level Playing Field. <i>Cell Stem Cell</i> , 2009, 5, 468-469. | 5.2 | 20 |
| 390 | Common astrocytic programs during brain development, injury and cancer. <i>Trends in Neurosciences</i> , 2009, 32, 303-311. | 4.2 | 46 |
| 391 | Squelching glioblastoma stem cells by targeting REST for proteasomal degradation. <i>Trends in Neurosciences</i> , 2009, 32, 559-565. | 4.2 | 30 |
| 392 | p53 regulates the self-renewal and differentiation of neural precursors. <i>Neuroscience</i> , 2009, 158, 1378-1389. | 1.1 | 84 |
| 393 | Cell migration in the normal and pathological postnatal mammalian brain. <i>Progress in Neurobiology</i> , 2009, 88, 41-63. | 2.8 | 206 |
| 394 | Relationship of gliomas to the ventricular walls. <i>Journal of Clinical Neuroscience</i> , 2009, 16, 195-201. | 0.8 | 51 |
| 395 | Reciprocal effects of conditioned medium on cultured glioma cells and neural stem cells. <i>Journal of Clinical Neuroscience</i> , 2009, 16, 1619-1623. | 0.8 | 8 |
| 396 | Isolation of neural stem/progenitor cells by using EGF/FGF1 and FGF1B promoter-driven green fluorescence from embryonic and adult mouse brains. <i>Molecular and Cellular Neurosciences</i> , 2009, 41, 348-363. | 1.0 | 36 |
| 397 | Brain cancer propagating cells: biology, genetics and targeted therapies. <i>Trends in Molecular Medicine</i> , 2009, 15, 519-530. | 3.5 | 96 |
| 398 | Recent insights into the molecular mechanisms involved in aging and the malignant transformation of adult stem/progenitor cells and their therapeutic implications. <i>Ageing Research Reviews</i> , 2009, 8, 94-112. | 5.0 | 75 |
| 399 | Neurosphere and Neural Colony-Forming Cell Assays. <i>Springer Protocols</i> , 2009, , 1-28. | 0.1 | 8 |
| 400 | Physiologic Oxygen Concentration Enhances the Stem-Like Properties of CD133+ Human Glioblastoma Cells <i>in vitro</i> . <i>Molecular Cancer Research</i> , 2009, 7, 489-497. | 1.5 | 236 |
| 401 | Brain Tumor Stem Cell Markers. , 2009, , 713-728. | | 0 |
| 402 | Stem Cells and Cell Replacement Therapy for Parkinson's Disease. , 2009, , 287-299. | | 2 |
| 403 | Rembrandt: Helping Personalized Medicine Become a Reality through Integrative Translational Research. <i>Molecular Cancer Research</i> , 2009, 7, 157-167. | 1.5 | 380 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 404 | Neural Stem Cells Disguised as Astrocytes. , 2009, , 27-47. | | 3 |
| 405 | Enhanced MDR1 Expression and Chemoresistance of Cancer Stem Cells Derived from Glioblastoma. Cancer Investigation, 2009, 27, 901-908. | 0.6 | 119 |
| 406 | Glioblastoma multiforme: a review of therapeutic targets. Expert Opinion on Therapeutic Targets, 2009, 13, 701-718. | 1.5 | 138 |
| 407 | Gliomas. Recent Results in Cancer Research, 2009, , . | 1.8 | 15 |
| 408 | Anti-VEGF therapies for malignant glioma: treatment effects and escape mechanisms. Expert Opinion on Therapeutic Targets, 2009, 13, 455-468. | 1.5 | 75 |
| 409 | Potential Molecular Therapeutic Targets in Cancer Stem/Progenitor Cells: Are ATP-Binding Cassette Membrane Transporters Appropriate Targets to Eliminate Cancer-Initiating Cells?. , 2009, , 385-421. | | 0 |
| 410 | Cancer Stem Cells. Methods in Molecular Biology, 2009, , . | 0.4 | 6 |
| 411 | Mechanisms of Brain Tumor Angiogenesis. , 2009, , 461-506. | | 0 |
| 412 | BMI1 Sustains Human Glioblastoma Multiforme Stem Cell Renewal. Journal of Neuroscience, 2009, 29, 8884-8896. | 1.7 | 268 |
| 413 | Recent advances and hurdles in melanoma immunotherapy. Pigment Cell and Melanoma Research, 2009, 22, 711-723. | 1.5 | 43 |
| 414 | Highly tumorigenic lung cancer CD133 ⁺ cells display stem-like features and are spared by cisplatin treatment. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 16281-16286. | 3.3 | 733 |
| 415 | A NEUROSURGEON'S GUIDE TO STEM CELLS, CANCER STEM CELLS, AND BRAIN TUMOR STEM CELLS. Neurosurgery, 2009, 65, 237-250. | 0.6 | 62 |
| 416 | Brain Tumor Stem Cells From an Adenoid Glioblastoma Multiforme. Neurologia Medico-Chirurgica, 2009, 49, 146-151. | 1.0 | 13 |
| 417 | Glioblastoma Multiforme Oncogenomics and Signaling Pathways. Clinical Medicine Oncology, 2009, 3, CMO.S1008. | 0.2 | 109 |
| 418 | Hypoxic Tumor Microenvironment and Cancer Cell Differentiation. Current Molecular Medicine, 2009, 9, 425-434. | 0.6 | 153 |
| 419 | Notch Inhibitors as a New Tool in the War on Cancer: A Pathway to Watch. Current Pharmaceutical Biotechnology, 2009, 10, 154-160. | 0.9 | 29 |
| 420 | Brain-Derived Neurotrophic Factor (BDNF) has Proliferative Effects on Neural Stem Cells through the Truncated TRK-B Receptor, MAP Kinase, AKT, and STAT-3 Signaling Pathways. Current Neurovascular Research, 2009, 6, 42-53. | 0.4 | 154 |
| 421 | Encountering and Advancing Through Antiangiogenesis Therapy for Gliomas. Current Pharmaceutical Design, 2009, 15, 353-364. | 0.9 | 20 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 422 | Cutaneous Melanoma: A Test Field for Immunotherapy and a Medical Challenge. <i>Current Cancer Therapy Reviews</i> , 2010, 6, 229-242. | 0.2 | 0 |
| 423 | Targeting Cancer Stem Cell Lines as a New Treatment of Human Cancer. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2010, 5, 205-218. | 0.8 | 16 |
| 424 | Targeting the Perpetrator: Breast Cancer Stem Cell Therapeutics. <i>Current Drug Targets</i> , 2010, 11, 1147-1156. | 1.0 | 12 |
| 425 | Immunohistochemical Expression of Stem Cell, Endothelial Cell, and Chemosensitivity Markers in Primary Glioma Spheroids Cultured in Serum-Containing and Serum-Free Medium. <i>Neurosurgery</i> , 2010, 66, 933-947. | 0.6 | 46 |
| 426 | Magnetic Resonance Imaging Characteristics of Glioblastoma Multiforme: Implications for Understanding Glioma Ontogeny. <i>Neurosurgery</i> , 2010, 67, 1319-1328. | 0.6 | 58 |
| 427 | Characterization of primary ovarian cancer cells in different culture systems. <i>Oncology Reports</i> , 2010, 23, 1277-84. | 1.2 | 50 |
| 428 | New Concepts on the Critical Functions of Cancer- and Metastasis-Initiating Cells in Treatment Resistance and Disease Relapse: Molecular Mechanisms, Signaling Transduction Elements and Novel Targeting Therapies. <i>Cancer Metastasis - Biology and Treatment</i> , 2010, , 175-207. | 0.1 | 0 |
| 429 | Quantitative Phosphoproteomic Analysis of the STAT3/IL-6/HIF1 α Signaling Network: An Initial Study in GSC11 Glioblastoma Stem Cells. <i>Journal of Proteome Research</i> , 2010, 9, 430-443. | 1.8 | 99 |
| 430 | A hypothesis and theoretical model speculating the possible role of therapy mediated neoplastic cell loss in promoting the process of glioblastoma relapse. <i>Journal of Theoretical Biology</i> , 2010, 266, 496-503. | 0.8 | 2 |
| 431 | Celecoxib enhances radiosensitivity in medulloblastoma-derived CD133-positive cells. <i>Child's Nervous System</i> , 2010, 26, 1605-1612. | 0.6 | 40 |
| 432 | Évaluation de la radiosensibilité intrinsèque des cellules souches cancéreuses (ou cellules souches) Tj ETQq0 0 0 rgBT /Overlock 10 T | 0.2 | 0 |
| 433 | Cancer stem cells in glioblastoma: molecular signaling and therapeutic targeting. <i>Protein and Cell</i> , 2010, 1, 638-655. | 4.8 | 204 |
| 434 | CD133+ cells from medulloblastoma and PNET cell lines are more resistant to cyclopamine inhibition of the sonic hedgehog signaling pathway than CD133 $^{-}$ cells. <i>Tumor Biology</i> , 2010, 31, 381-390. | 0.8 | 21 |
| 435 | Immune therapeutic targeting of glioma cancer stem cells. <i>Targeted Oncology</i> , 2010, 5, 217-227. | 1.7 | 31 |
| 436 | Isolation and identification of cancer stem cells from human osteosarcoma by serum-free three-dimensional culture combined with anticancer drugs. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2010, 30, 81-84. | 1.0 | 14 |
| 437 | Identification and characterization of side population cells in human lung adenocarcinoma SPC-A1 cells. <i>Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research</i> , 2010, 22, 211-217. | 0.7 | 0 |
| 438 | Stem cell associated gene expression in glioblastoma multiforme: relationship to survival and the subventricular zone. <i>Journal of Neuro-Oncology</i> , 2010, 96, 359-367. | 1.4 | 86 |
| 439 | Molecular analysis of ex-vivo CD133+ GBM cells revealed a common invasive and angiogenic profile but different proliferative signatures among high grade gliomas. <i>BMC Cancer</i> , 2010, 10, 454. | 1.1 | 26 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 440 | CD133, CD15/SSEA-1, CD34 or side populations do not resume tumor-initiating properties of long-term cultured cancer stem cells from human malignant glio-neuronal tumors. <i>BMC Cancer</i> , 2010, 10, 66. | 1.1 | 87 |
| 441 | Î³-Secretase Inhibitor-I Enhances Radiosensitivity of Glioblastoma Cell Lines by Depleting CD133+ Tumor Cells. <i>Archives of Medical Research</i> , 2010, 41, 519-529. | 1.5 | 32 |
| 442 | New promising drug targets in cancer- and metastasis-initiating cells. <i>Drug Discovery Today</i> , 2010, 15, 354-364. | 3.2 | 38 |
| 443 | Potential therapeutic implications of cancer stem cells in glioblastoma. <i>Biochemical Pharmacology</i> , 2010, 80, 654-665. | 2.0 | 179 |
| 444 | Integrated Genomic Analysis Identifies Clinically Relevant Subtypes of Glioblastoma Characterized by Abnormalities in PDGFRA, IDH1, EGFR, and NF1. <i>Cancer Cell</i> , 2010, 17, 98-110. | 7.7 | 6,138 |
| 445 | A Hierarchy of Self-Renewing Tumor-Initiating Cell Types in Glioblastoma. <i>Cancer Cell</i> , 2010, 17, 362-375. | 7.7 | 486 |
| 446 | Identification of a CpG Island Methylator Phenotype that Defines a Distinct Subgroup of Glioma. <i>Cancer Cell</i> , 2010, 17, 510-522. | 7.7 | 2,078 |
| 447 | PLAGL2 Regulates Wnt Signaling to Impede Differentiation in Neural Stem Cells and Gliomas. <i>Cancer Cell</i> , 2010, 17, 497-509. | 7.7 | 224 |
| 448 | A Multipronged Approach to the Identification and Study of an Important Oncogene in GBM. <i>Cancer Cell</i> , 2010, 17, 417-418. | 7.7 | 3 |
| 449 | TGF-Î² Receptor Inhibitors Target the CD44 ^{high} /Id1 ^{high} Glioma-Initiating Cell Population in Human Glioblastoma. <i>Cancer Cell</i> , 2010, 18, 655-668. | 7.7 | 534 |
| 450 | Loss of ATM/Chk2/p53 Pathway Components Accelerates Tumor Development and Contributes to Radiation Resistance in Gliomas. <i>Cancer Cell</i> , 2010, 18, 619-629. | 7.7 | 211 |
| 451 | Glioblastoma cancer stem cells: heterogeneity, microenvironment and related therapeutic strategies. <i>Cell Biochemistry and Function</i> , 2010, 28, 343-351. | 1.4 | 87 |
| 452 | Single doublecortin gene therapy significantly reduces glioma tumor volume. <i>Journal of Neuroscience Research</i> , 2010, 88, 304-314. | 1.3 | 15 |
| 453 | Multicellular tumor spheroids: An underestimated tool is catching up again. <i>Journal of Biotechnology</i> , 2010, 148, 3-15. | 1.9 | 1,376 |
| 454 | ASPM-associated stem cell proliferation is involved in malignant progression of gliomas and constitutes an attractive therapeutic target. <i>Cancer Cell International</i> , 2010, 10, 1. | 1.8 | 99 |
| 455 | Astrocytes derived from trisomic human embryonic stem cells express markers of astrocytic cancer cells and premalignant stem-like progenitors. <i>BMC Medical Genomics</i> , 2010, 3, 12. | 0.7 | 14 |
| 456 | Intratumoral Hypoxic Gradient Drives Stem Cells Distribution and MGMT Expression in Glioblastoma. <i>Stem Cells</i> , 2010, 28, 851-862. | 1.4 | 262 |
| 457 | De-repression of CTGF via the miR-17-92 cluster upon differentiation of human glioblastoma spheroid cultures. <i>Oncogene</i> , 2010, 29, 3411-3422. | 2.6 | 142 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 458 | Tumour vascularization via endothelial differentiation of glioblastoma stem-like cells. <i>Nature</i> , 2010, 468, 824-828. | 13.7 | 1,235 |
| 460 | Targeting brain cancer: advances in the molecular pathology of malignant glioma and medulloblastoma. <i>Nature Reviews Cancer</i> , 2010, 10, 319-331. | 12.8 | 660 |
| 461 | A2B5 Cells from Human Glioblastoma have Cancer Stem Cell Properties. <i>Brain Pathology</i> , 2010, 20, 211-221. | 2.1 | 157 |
| 462 | The Utility and Limitations of Neurosphere Assay, CD133 Immunophenotyping and Side Population Assay in Glioma Stem Cell Research. <i>Brain Pathology</i> , 2010, 20, 877-889. | 2.1 | 62 |
| 463 | Expression of the Transcription Factor HEY1 in Glioblastoma: A Preliminary Clinical Study. <i>Tumori</i> , 2010, 96, 97-102. | 0.6 | 21 |
| 464 | Antibodies targeting Cancer stem cells, A novel pattern in Immunotherapy. <i>Nature Precedings</i> , 2010, , . | 0.1 | 0 |
| 465 | Aberrant signaling pathways in medulloblastomas: a stem cell connection. <i>Arquivos De Neuro-Psiquiatria</i> , 2010, 68, 947-952. | 0.3 | 11 |
| 466 | Decreasing glioma recurrence through adjuvant cancer stem cell inhibition. <i>Biologics: Targets and Therapy</i> , 2010, 4, 157. | 3.0 | 12 |
| 467 | Brain Tumor Stem Cells as Therapeutic Targets in Models of Glioma. <i>Yonsei Medical Journal</i> , 2010, 51, 633. | 0.9 | 32 |
| 468 | Pathology and Molecular Genetics of Common Brain Tumors. <i>Blue Books of Neurology</i> , 2010, 36, 1-36. | 0.1 | 0 |
| 469 | Transcriptional Profiles of CD133+ and CD133 ^{hi} Glioblastoma-Derived Cancer Stem Cell Lines Suggest Different Cells of Origin. <i>Cancer Research</i> , 2010, 70, 2030-2040. | 0.4 | 237 |
| 470 | The Notch Target Hes1 Directly Modulates Gli1 Expression and Hedgehog Signaling: A Potential Mechanism of Therapeutic Resistance. <i>Clinical Cancer Research</i> , 2010, 16, 6060-6070. | 3.2 | 146 |
| 472 | Dual blocking of mTor and PI3K elicits a prodifferentiation effect on glioblastoma stem-like cells. <i>Neuro-Oncology</i> , 2010, 12, 1205-1219. | 0.6 | 86 |
| 473 | Glioma-Associated Cancer-Initiating Cells Induce Immunosuppression. <i>Clinical Cancer Research</i> , 2010, 16, 461-473. | 3.2 | 212 |
| 474 | Glioblastoma Cancer-Initiating Cells Inhibit T-Cell Proliferation and Effector Responses by the Signal Transducers and Activators of Transcription 3 Pathway. <i>Molecular Cancer Therapeutics</i> , 2010, 9, 67-78. | 1.9 | 253 |
| 475 | High-Grade Astrocytomas Show Increased Nestin and Wilms's Tumor Gene (WT1) Protein Expression. <i>International Journal of Surgical Pathology</i> , 2010, 18, 255-259. | 0.4 | 23 |
| 476 | Rapid and Robust Transgenic High-Grade Glioma Mouse Models for Therapy Intervention Studies. <i>Clinical Cancer Research</i> , 2010, 16, 3431-3441. | 3.2 | 52 |
| 477 | Establishment of Prognostic Models for Astrocytic and Oligodendroglial Brain Tumors with Standardized Quantification of Marker Gene Expression and Clinical Variables. <i>Biomarker Insights</i> , 2010, 5, BML.S6167. | 1.0 | 20 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 478 | BMI1 Confers Radioresistance to Normal and Cancerous Neural Stem Cells through Recruitment of the DNA Damage Response Machinery. <i>Journal of Neuroscience</i> , 2010, 30, 10096-10111. | 1.7 | 251 |
| 479 | Oligodendroglioma cell lines containing t(1;19)(q10;p10). <i>Neuro-Oncology</i> , 2010, 12, 745-755. | 0.6 | 77 |
| 480 | Brain tumor stem cells. <i>Biological Chemistry</i> , 2010, 391, 607-17. | 1.2 | 9 |
| 481 | Brain tumor stem cells maintain overall phenotype and tumorigenicity after in vitro culturing in serum-free conditions. <i>Neuro-Oncology</i> , 2010, 12, 1220-1230. | 0.6 | 55 |
| 482 | Bone morphogenetic protein-7 release from endogenous neural precursor cells suppresses the tumorigenicity of stem-like glioblastoma cells. <i>Brain</i> , 2010, 133, 1961-1972. | 3.7 | 90 |
| 483 | Immunobiological Characterization of Cancer Stem Cells Isolated from Glioblastoma Patients. <i>Clinical Cancer Research</i> , 2010, 16, 800-813. | 3.2 | 295 |
| 484 | Impact of the hypoxic tumor microenvironment on the regulation of cancer stem cell characteristics. <i>Cancer Biology and Therapy</i> , 2010, 9, 949-956. | 1.5 | 98 |
| 485 | Bioprocessing of Human Glioblastoma Brain Cancer Tissue. <i>Tissue Engineering - Part A</i> , 2010, 16, 1169-1177. | 1.6 | 11 |
| 486 | The HIF-2 α -Driven Pseudo-Hypoxic Phenotype in Tumor Aggressiveness, Differentiation, and Vascularization. <i>Current Topics in Microbiology and Immunology</i> , 2010, 345, 1-20. | 0.7 | 49 |
| 487 | Cancer stem cell markers: what is their diagnostic value?. <i>Expert Opinion on Medical Diagnostics</i> , 2010, 4, 473-481. | 1.6 | 0 |
| 488 | Regulation of FGF1 Gene Promoter through Transcription Factor RFX1. <i>Journal of Biological Chemistry</i> , 2010, 285, 13885-13895. | 1.6 | 31 |
| 489 | The functional role of Notch signaling in human gliomas. <i>Neuro-Oncology</i> , 2010, 12, 199-211. | 0.6 | 105 |
| 490 | The nuclear receptor tailless induces long-term neural stem cell expansion and brain tumor initiation. <i>Genes and Development</i> , 2010, 24, 683-695. | 2.7 | 121 |
| 491 | Targeting CREB signalling in neurogenesis. <i>Expert Opinion on Therapeutic Targets</i> , 2010, 14, 869-879. | 1.5 | 79 |
| 492 | NG2-expressing glial precursor cells are a new potential oligodendroglioma cell initiating population in N-ethyl-N-nitrosourea-induced gliomagenesis. <i>Carcinogenesis</i> , 2010, 31, 1718-1725. | 1.3 | 27 |
| 493 | Cancer stem-like cells can be isolated with drug selection in human ovarian cancer cell line SKOV3. <i>Acta Biochimica Et Biophysica Sinica</i> , 2010, 42, 593-602. | 0.9 | 95 |
| 494 | A clinically relevant orthotopic xenograft model of ependymoma that maintains the genomic signature of the primary tumor and preserves cancer stem cells in vivo. <i>Neuro-Oncology</i> , 2010, 12, 580-594. | 0.6 | 79 |
| 495 | Targeting A20 Decreases Glioma Stem Cell Survival and Tumor Growth. <i>PLoS Biology</i> , 2010, 8, e1000319. | 2.6 | 117 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 496 | A hypoxic niche regulates glioblastoma stem cells through hypoxia inducible factor 2 α . <i>Brain</i> , 2010, 133, 983-995. | 3.7 | 401 |
| 497 | Microenvironmental Regulation of Glioblastoma Radioresponse. <i>Clinical Cancer Research</i> , 2010, 16, 6049-6059. | 3.2 | 72 |
| 498 | Tumor initiating cells: Development and critical characterization of a model derived from the A431 carcinoma cell line forming spheres in suspension. <i>Cell Cycle</i> , 2010, 9, 1194-1206. | 1.3 | 75 |
| 499 | Epidermal Growth Factor Receptor Expression Identifies Functionally and Molecularly Distinct Tumor-Initiating Cells in Human Glioblastoma Multiforme and Is Required for Gliomagenesis. <i>Cancer Research</i> , 2010, 70, 7500-7513. | 0.4 | 198 |
| 500 | Erythropoietin Receptor Signaling through STAT3 Is Required for Glioma Stem Cell Maintenance. <i>Genes and Cancer</i> , 2010, 1, 50-61. | 0.6 | 71 |
| 501 | Establishment of a human glioblastoma stemlike brainstem rodent tumor model. <i>Journal of Neurosurgery: Pediatrics</i> , 2010, 6, 92-97. | 0.8 | 16 |
| 502 | Harvey Cushing's attempt at the first human pituitary transplantation. <i>Nature Reviews Endocrinology</i> , 2010, 6, 48-52. | 4.3 | 12 |
| 503 | Novel Therapies Against Aggressive and Recurrent Epithelial Cancers by Molecular Targeting Tumor- and Metastasis-Initiating Cells and Their Progenies. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2010, 10, 137-151. | 0.9 | 11 |
| 504 | The Telomerase Antagonist, Imetelstat, Efficiently Targets Glioblastoma Tumor-Initiating Cells Leading to Decreased Proliferation and Tumor Growth. <i>Clinical Cancer Research</i> , 2010, 16, 154-163. | 3.2 | 197 |
| 505 | Bone marrow-derived mesenchymal stem cells undergo JCV T-antigen mediated transformation and generate tumors with neuroectodermal characteristics. <i>Cancer Biology and Therapy</i> , 2010, 9, 286-294. | 1.5 | 15 |
| 506 | Passive Antibody-Mediated Immunotherapy for the Treatment of Malignant Gliomas. <i>Neurosurgery Clinics of North America</i> , 2010, 21, 67-76. | 0.8 | 13 |
| 507 | Improving the radiosensitivity of radioresistant and hypoxic glioblastoma. <i>Future Oncology</i> , 2010, 6, 1591-1601. | 1.1 | 48 |
| 508 | Tumor-Initiating and -Propagating Cells: Cells That We Would to Identify and Control. <i>Neoplasia</i> , 2010, 12, 506-515. | 2.3 | 78 |
| 509 | Glioma Stem Cell Research for the Development of Immunotherapy. <i>Neurosurgery Clinics of North America</i> , 2010, 21, 159-166. | 0.8 | 35 |
| 510 | Stem Cells in Normal Development and Cancer. <i>Progress in Molecular Biology and Translational Science</i> , 2010, 95, 113-158. | 0.9 | 57 |
| 511 | Glioblastoma therapy: going beyond Hercules Columns. <i>Expert Review of Neurotherapeutics</i> , 2010, 10, 507-514. | 1.4 | 44 |
| 512 | Glioma stem cell signaling: therapeutic opportunities and challenges. <i>Expert Review of Anticancer Therapy</i> , 2010, 10, 709-722. | 1.1 | 34 |
| 513 | Isolation and Expansion of the Adult Mouse Neural Stem Cells Using the Neurosphere Assay. <i>Journal of Visualized Experiments</i> , 2010, , . | 0.2 | 70 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 514 | The cancer stem cell paradigm: a new understanding of tumor development and treatment. <i>Expert Opinion on Therapeutic Targets</i> , 2010, 14, 621-632. | 1.5 | 80 |
| 515 | Identification of Cell Surface Glycoprotein Markers for Glioblastoma-Derived Stem-Like Cells Using a Lectin Microarray and LC-MS/MS Approach. <i>Journal of Proteome Research</i> , 2010, 9, 2565-2572. | 1.8 | 71 |
| 516 | Notch Signaling in Solid Tumors. <i>Current Topics in Developmental Biology</i> , 2010, 92, 411-455. | 1.0 | 98 |
| 518 | Presence of pluripotent CD133+ cells correlates with malignancy of gliomas. <i>Molecular and Cellular Neurosciences</i> , 2010, 43, 51-59. | 1.0 | 76 |
| 519 | Isolation of cancer stem-like cells from a side population of a human glioblastoma cell line, SK-MG-1. <i>Cancer Letters</i> , 2010, 291, 150-157. | 3.2 | 55 |
| 520 | Molecular cytogenetic characterization of stem-like cancer cells isolated from established cell lines. <i>Cancer Letters</i> , 2010, 296, 206-215. | 3.2 | 13 |
| 521 | New models for cancer research: human cancer stem cell xenografts. <i>Current Opinion in Pharmacology</i> , 2010, 10, 380-384. | 1.7 | 47 |
| 522 | Human glioblastoma tumours and neural cancer stem cells express the chemokine CX3CL1 and its receptor CX3CR1. <i>European Journal of Cancer</i> , 2010, 46, 3383-3392. | 1.3 | 55 |
| 523 | Sox2 is translationally activated by eukaryotic initiation factor 4E in human glioma-initiating cells. <i>Biochemical and Biophysical Research Communications</i> , 2010, 397, 711-717. | 1.0 | 34 |
| 524 | Primary brain tumors, neural stem cell, and brain tumor cancer cells: Where is the link?. <i>Neuropharmacology</i> , 2010, 58, 903-910. | 2.0 | 53 |
| 525 | An RNAi Screen Identifies TRRAP as a Regulator of Brain Tumor-Initiating Cell Differentiation. <i>Cell Stem Cell</i> , 2010, 6, 37-47. | 5.2 | 119 |
| 526 | Perivascular Nitric Oxide Activates Notch Signaling and Promotes Stem-like Character in PDGF-Induced Glioma Cells. <i>Cell Stem Cell</i> , 2010, 6, 141-152. | 5.2 | 493 |
| 527 | Integrin Alpha 6 Regulates Glioblastoma Stem Cells. <i>Cell Stem Cell</i> , 2010, 6, 421-432. | 5.2 | 597 |
| 528 | A Subpopulation of CD26+ Cancer Stem Cells with Metastatic Capacity in Human Colorectal Cancer. <i>Cell Stem Cell</i> , 2010, 6, 603-615. | 5.2 | 481 |
| 529 | Oxygen in Stem Cell Biology: A Critical Component of the Stem Cell Niche. <i>Cell Stem Cell</i> , 2010, 7, 150-161. | 5.2 | 1,346 |
| 530 | Glioma cancer stem cells induce immunosuppressive macrophages/microglia. <i>Neuro-Oncology</i> , 2010, 12, 1113-1125. | 0.6 | 530 |
| 531 | Brain tumor stem cells: The cancer stem cell hypothesis writ large. <i>Molecular Oncology</i> , 2010, 4, 420-430. | 2.1 | 127 |
| 532 | An Extensive Invasive Intracranial Human Glioblastoma Xenograft Model. <i>American Journal of Pathology</i> , 2010, 176, 3032-3049. | 1.9 | 47 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 533 | Hypoxia Increases the Expression of Stem-Cell Markers and Promotes Clonogenicity in Glioblastoma Neurospheres. <i>American Journal of Pathology</i> , 2010, 177, 1491-1502. | 1.9 | 306 |
| 534 | MiR-181b suppresses proliferation of and reduces chemoresistance to temozolomide in U87 glioma stem cells. <i>Journal of Biomedical Research</i> , 2010, 24, 436-443. | 0.7 | 39 |
| 536 | Cancer Stem Cells in the Central Nervous System – A Critical Review. <i>Cancer Research</i> , 2010, 70, 8255-8258. | 0.4 | 36 |
| 537 | A new alternative mechanism in glioblastoma vascularization: tubular vasculogenic mimicry. <i>Brain</i> , 2010, 133, 973-982. | 3.7 | 314 |
| 538 | Protocols for Neural Cell Culture. Springer Protocols, 2010, , . | 0.1 | 12 |
| 540 | Effect of all-trans retinoic acid on the proliferation and differentiation of brain tumor stem cells. <i>Journal of Experimental and Clinical Cancer Research</i> , 2010, 29, 113. | 3.5 | 27 |
| 541 | Development of clinically relevant orthotopic xenograft mouse model of metastatic lung cancer and glioblastoma through surgical tumor tissues injection with trocar. <i>Journal of Experimental and Clinical Cancer Research</i> , 2010, 29, 84. | 3.5 | 29 |
| 542 | Heat shock protein–peptide complex in the treatment of glioblastoma. <i>Expert Review of Vaccines</i> , 2011, 10, 721-731. | 2.0 | 23 |
| 543 | Stem cells in the adult human brain. <i>British Journal of Neurosurgery</i> , 2011, 25, 28-37. | 0.4 | 4 |
| 544 | Glycoproteomic Analysis of Glioblastoma Stem Cell Differentiation. <i>Journal of Proteome Research</i> , 2011, 10, 330-338. | 1.8 | 31 |
| 545 | Cisplatin Restores TRAIL Apoptotic Pathway in Glioblastoma-Derived Stem Cells through Up-regulation of DR5 and Down-regulation of c-FLIP. <i>Cancer Investigation</i> , 2011, 29, 511-520. | 0.6 | 63 |
| 546 | Biology, genetics and imaging of glial cell tumours. <i>British Journal of Radiology</i> , 2011, 84, S90-S106. | 1.0 | 59 |
| 547 | Role of Telomere Dysfunction in Genetic Intratumor Diversity. <i>Advances in Cancer Research</i> , 2011, 112, 11-41. | 1.9 | 18 |
| 548 | Histomolecular classification of adult diffuse gliomas: The diagnostic value of immunohistochemical markers. <i>Revue Neurologique</i> , 2011, 167, 683-690. | 0.6 | 26 |
| 549 | Ablation of Breast Cancer Stem Cells with Radiation. <i>Translational Oncology</i> , 2011, 4, 227-233. | 1.7 | 61 |
| 550 | Using ABCG2-molecule-expressing side population cells to identify cancer stem-like cells in a human ovarian cell line. <i>Cell Biology International</i> , 2011, 35, 227-234. | 1.4 | 48 |
| 551 | Deciphering the signaling pathways of cancer stem cells of glioblastoma multiforme: Role of Akt/mTOR and MAPK pathways. <i>Advances in Enzyme Regulation</i> , 2011, 51, 164-170. | 2.9 | 28 |
| 552 | Application of Stem Cell Assays for the Characterization of Cancer Stem Cells. , 2011, , 259-282. | | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 553 | Celecoxib and radioresistant glioblastoma-derived CD133+ cells: improvement in radiotherapeutic effects. <i>Journal of Neurosurgery</i> , 2011, 114, 651-662. | 0.9 | 84 |
| 554 | Glioma Cell Lines: Role of Cancer Stem Cells. , 2011, , 205-212. | | 0 |
| 555 | Organotypic Explant Culture of Glioblastoma Multiforme and Subsequent Single-Cell Suspension. <i>Current Protocols in Stem Cell Biology</i> , 2011, 19, Unit3.5. | 3.0 | 16 |
| 556 | Radioresistance of glioma stem cells: Intrinsic characteristic or property of the microenvironment stem cell unit?. <i>Molecular Oncology</i> , 2011, 5, 374-386. | 2.1 | 88 |
| 557 | Glioma Gene Therapy Using Induced Pluripotent Stem Cell Derived Neural Stem Cells. <i>Molecular Pharmaceutics</i> , 2011, 8, 1515-1524. | 2.3 | 56 |
| 558 | Importance of PKC δ signaling in fractionated-radiation-induced expansion of glioma-initiating cells and resistance to cancer treatment. <i>Journal of Cell Science</i> , 2011, 124, 3084-3094. | 1.2 | 44 |
| 559 | Cellular Origins of Malignant Glioma: The Cancer Stem Cell Polemic. , 2011, , 45-53. | | 1 |
| 560 | Cancer Stem Cells in Solid Tumors. , 2011, , . | | 7 |
| 561 | PDGF-B Can Sustain Self-renewal and Tumorigenicity of Experimental Glioma-Derived Cancer-Initiating Cells by Preventing Oligodendrocyte Differentiation. <i>Neoplasia</i> , 2011, 13, 492-IN1. | 2.3 | 48 |
| 562 | Glioma Stem Cell Proliferation and Tumor Growth Are Promoted by Nitric Oxide Synthase-2. <i>Cell</i> , 2011, 146, 53-66. | 13.5 | 280 |
| 563 | Elevated invasive potential of glioblastoma stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2011, 406, 643-648. | 1.0 | 168 |
| 564 | Nanog-induced dedifferentiation of p53-deficient mouse astrocytes into brain cancer stem-like cells. <i>Biochemical and Biophysical Research Communications</i> , 2011, 412, 175-181. | 1.0 | 58 |
| 565 | COX-2 regulates the proliferation of glioma stem like cells. <i>Neurochemistry International</i> , 2011, 59, 567-571. | 1.9 | 50 |
| 566 | p53-mediated regulation of neuronal differentiation via regulation of dual oxidase maturation factor 1. <i>Neuroscience Letters</i> , 2011, 494, 80-85. | 1.0 | 16 |
| 567 | Glioblastoma cells: A heterogeneous and fatal tumor interacting with the parenchyma. <i>Life Sciences</i> , 2011, 89, 532-539. | 2.0 | 100 |
| 568 | Energy metabolism in adult neural stem cell fate. <i>Progress in Neurobiology</i> , 2011, 93, 182-203. | 2.8 | 253 |
| 569 | Cancer Stem Cells in Solid Tumors. <i>Pancreatic Islet Biology</i> , 2011, , 59-76. | 0.1 | 3 |
| 571 | Breast Cancer Stem Cells. , 2011, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 572 | Three-Dimensional In Vitro Models in Glioma Research - Focus on Spheroids. , 2011, , . | | 1 |
| 573 | Prognostic Significance of Immunohistochemical Markers in Glioma Patients. , 0, , . | | 0 |
| 574 | Cancer Stem Cells Promote Tumor Neovascularization. , 2011, , . | | 0 |
| 575 | Migration and Invasion of Brain Tumors. , 0, , . | | 0 |
| 576 | Glioblastoma Multiforme Stem Cells. Scientific World Journal, The, 2011, 11, 930-958. | 0.8 | 27 |
| 577 | Glioma Stem Cells: Cell Culture, Markers and Targets for New Combination Therapies. , 0, , . | | 3 |
| 578 | Molecular Pathways of Glioblastoma and Glioblastoma Stem Cells. , 0, , . | | 0 |
| 579 | The Neural Extracellular Matrix, Cell Adhesion Molecules and Proteolysis in Glioma Invasion and Tumorigenicity. , 0, , . | | 0 |
| 580 | Genetics and Biology of Glioblastoma Multiforme. , 2011, , . | | 2 |
| 581 | The Role of Sox Transcription Factors in Brain Tumourigenesis. , 2011, , . | | 1 |
| 582 | Significance of CD133 as a cancer stem cell markers focusing on the tumorigenicity of pancreatic cancer cell lines. [Chapchi] Journal Taehan Oekwa Hakhoe, 2011, 81, 263. | 1.1 | 38 |
| 583 | The Three-Layer Concentric Model of Glioblastoma: Cancer Stem Cells, Microenvironmental Regulation, and Therapeutic Implications. Scientific World Journal, The, 2011, 11, 1829-1841. | 0.8 | 74 |
| 584 | Novel Perspectives on p53 Function in Neural Stem Cells and Brain Tumors. Journal of Oncology, 2011, 2011, 1-11. | 0.6 | 27 |
| 585 | Differential Signature of the Centrosomal MARK4 Isoforms in Glioma. Analytical Cellular Pathology, 2011, 34, 319-338. | 0.7 | 23 |
| 586 | Antigenic and Genotypic Similarity between Primary Glioblastomas and Their Derived Neurospheres. Journal of Oncology, 2011, 2011, 1-16. | 0.6 | 23 |
| 587 | Glioblastoma Stem Cells: A Neuropathologist's View. Journal of Oncology, 2011, 2011, 1-8. | 0.6 | 23 |
| 588 | Prevalence of Epithelial Ovarian Cancer Stem Cells Correlates with Recurrence in Early-Stage Ovarian Cancer. Journal of Oncology, 2011, 2011, 1-12. | 0.6 | 74 |
| 589 | Extracellular Matrix Microenvironment in Glioma Progression. , 0, , . | | 23 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 590 | Animal models to study cancer-initiating cells from Glioblastoma. <i>Frontiers in Bioscience - Landmark</i> , 2011, 16, 2243. | 3.0 | 19 |
| 591 | CD133 negative cancer stem cells in glioblastoma. <i>Frontiers in Bioscience - Elite</i> , 2011, E3, 701-710. | 0.9 | 39 |
| 592 | Evidence for cancer stem cells contributing to the pathogenesis of ovarian cancer. <i>Frontiers in Bioscience - Landmark</i> , 2011, 16, 368. | 3.0 | 49 |
| 593 | Cryopreservation of cancer-initiating cells derived from glioblastoma. <i>Frontiers in Bioscience - Scholar</i> , 2011, S3, 698-708. | 0.8 | 7 |
| 594 | Recruited Cells Can Become Transformed and Overtake PDGF-Induced Murine Gliomas In Vivo during Tumor Progression. <i>PLoS ONE</i> , 2011, 6, e20605. | 1.1 | 72 |
| 595 | Cancer Stem Cell-Like Cells Derived from Malignant Peripheral Nerve Sheath Tumors. <i>PLoS ONE</i> , 2011, 6, e21099. | 1.1 | 43 |
| 596 | CD44v6 Regulates Growth of Brain Tumor Stem Cells Partially through the AKT-Mediated Pathway. <i>PLoS ONE</i> , 2011, 6, e24217. | 1.1 | 115 |
| 597 | Long-Term Sphere Culture Cannot Maintain a High Ratio of Cancer Stem Cells: A Mathematical Model and Experiment. <i>PLoS ONE</i> , 2011, 6, e25518. | 1.1 | 7 |
| 598 | Matrix Metalloproteinase-10 Promotes Kras-Mediated Bronchio-Alveolar Stem Cell Expansion and Lung Cancer Formation. <i>PLoS ONE</i> , 2011, 6, e26439. | 1.1 | 31 |
| 599 | The Cancer Stem Cell Hypothesis: Failures and Pitfalls. <i>Neurosurgery</i> , 2011, 68, 531-545. | 0.6 | 119 |
| 600 | Evidence for the osteosarcoma stem cell. <i>Current Orthopaedic Practice</i> , 2011, 22, 322-326. | 0.1 | 36 |
| 601 | Collateral Damage Control in Cancer Therapy: Defining the Stem Identity in Gliomas. <i>Current Pharmaceutical Design</i> , 2011, 17, 2370-2385. | 0.9 | 2 |
| 602 | Differentially Expressed MicroRNAs in Pancreatic Cancer Stem Cells. <i>Pancreas</i> , 2011, 40, 1180-1187. | 0.5 | 55 |
| 603 | The biological characteristics of glioma stem cells in human glioma cell line SHG44. <i>Molecular Medicine Reports</i> , 2011, 5, 552-8. | 1.1 | 4 |
| 604 | Advances in Translational Research in Neuro-oncology. <i>Archives of Neurology</i> , 2011, 68, 303-8. | 4.9 | 4 |
| 605 | Central nervous system. <i>Cancer Biomarkers</i> , 2011, 9, 193-210. | 0.8 | 36 |
| 606 | Isolation and Expansion of Human Glioblastoma Multiforme Tumor Cells Using the Neurosphere Assay. <i>Journal of Visualized Experiments</i> , 2011, , e3633. | 0.2 | 42 |
| 607 | Sonic Hedgehog Pathway Is Essential for Maintenance of Cancer Stem-Like Cells in Human Gastric Cancer. <i>PLoS ONE</i> , 2011, 6, e17687. | 1.1 | 138 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 608 | Evaluation of Cancer Stem Cell Migration Using Compartmentalizing Microfluidic Devices and Live Cell Imaging. <i>Journal of Visualized Experiments</i> , 2011, , e3297. | 0.2 | 12 |
| 609 | World Health Organization Grade II Gliomas and Subventricular Zone: Anatomic, Genetic, and Clinical Considerations. <i>Neurosurgery</i> , 2011, 68, 1293-1299. | 0.6 | 18 |
| 610 | The presence of stem cell marker-expressing cells is not prognostically significant in glioblastomas. <i>Neuropathology</i> , 2011, 31, 494-502. | 0.7 | 71 |
| 611 | Combination use of anti-CD133 antibody and SSA lectin can effectively enrich cells with high tumorigenicity. <i>Cancer Science</i> , 2011, 102, 1164-1170. | 1.7 | 17 |
| 612 | Targeting glioma stem cells: A novel framework for brain tumors. <i>Cancer Science</i> , 2011, 102, 1958-1966. | 1.7 | 93 |
| 613 | Overexpression of TRIB2 in human lung cancers contributes to tumorigenesis through downregulation of C/EBP β . <i>Oncogene</i> , 2011, 30, 3328-3335. | 2.6 | 77 |
| 614 | Regulation of glioblastoma stem cells by retinoic acid: role for Notch pathway inhibition. <i>Oncogene</i> , 2011, 30, 3454-3467. | 2.6 | 174 |
| 615 | L1CAM regulates DNA damage checkpoint response of glioblastoma stem cells through NBS1. <i>EMBO Journal</i> , 2011, 30, 800-813. | 3.5 | 146 |
| 616 | Expression profile of embryonic stem cell-associated genes Oct4, Sox2 and Nanog in human gliomas. <i>Histopathology</i> , 2011, 59, 763-775. | 1.6 | 159 |
| 617 | Glioblastoma, Cancer Stem Cells and Hypoxia. <i>Brain Pathology</i> , 2011, 21, 119-129. | 2.1 | 98 |
| 618 | Complex Oncogenic Signaling Networks Regulate Brain Tumor-Initiating Cells and Their Progenies: Pivotal Roles of Wild-type EGFR, EGFRvIII Mutant and Hedgehog Cascades and Novel Multitargeted Therapies. <i>Brain Pathology</i> , 2011, 21, 479-500. | 2.1 | 20 |
| 619 | Eckol suppresses maintenance of stemness and malignancies in glioma stem-like cells. <i>Toxicology and Applied Pharmacology</i> , 2011, 254, 32-40. | 1.3 | 57 |
| 620 | Molecular Heterogeneity in Glioblastoma: Therapeutic Opportunities and Challenges. <i>Seminars in Oncology</i> , 2011, 38, 243-253. | 0.8 | 69 |
| 621 | A comparative study of the structural organization of spheres derived from the adult human subventricular zone and glioblastoma biopsies. <i>Experimental Cell Research</i> , 2011, 317, 1049-1059. | 1.2 | 24 |
| 622 | Maintenance of EGFR and EGFRvIII expressions in an in vivo and in vitro model of human glioblastoma multiforme. <i>Experimental Cell Research</i> , 2011, 317, 1513-1526. | 1.2 | 42 |
| 623 | Brain tumor-initiating cells and cells of origin in glioblastoma. <i>Translational Neuroscience</i> , 2011, 2, . | 0.7 | 3 |
| 624 | Targeting inflammation-induced transcription factor activation: an open frontier for glioma therapy. <i>Drug Discovery Today</i> , 2011, 16, 1044-1051. | 3.2 | 41 |
| 625 | Asymmetry-Defective Oligodendrocyte Progenitors Are Glioma Precursors. <i>Cancer Cell</i> , 2011, 20, 328-340. | 7.7 | 200 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 626 | Proteasome inhibitors sensitize glioma cells and glioma stem cells to TRAIL-induced apoptosis by PKC μ -dependent downregulation of AKT and XIAP expressions. <i>Cellular Signalling</i> , 2011, 23, 1348-1357. | 1.7 | 47 |
| 627 | Twisted tango: brain tumor neurovascular interactions. <i>Nature Neuroscience</i> , 2011, 14, 1375-1381. | 7.1 | 70 |
| 628 | Molecular Pathogenesis. , 2011, , 27-44. | | 2 |
| 629 | YB-1 Bridges Neural Stem Cells and Brain Tumor-Initiating Cells via Its Roles in Differentiation and Cell Growth. <i>Cancer Research</i> , 2011, 71, 5569-5578. | 0.4 | 74 |
| 630 | Reduced miR-128 in Breast Tumor-Initiating Cells Induces Chemotherapeutic Resistance via Bmi-1 and ABCC5. <i>Clinical Cancer Research</i> , 2011, 17, 7105-7115. | 3.2 | 239 |
| 631 | Identification of CD133 ⁺ /Telomerase ^{low} Progenitor Cells in Glioblastoma-Derived Cancer Stem Cell Lines. <i>Cellular and Molecular Neurobiology</i> , 2011, 31, 337-343. | 1.7 | 20 |
| 632 | Brain Tumor Microvesicles: Insights into Intercellular Communication in the Nervous System. <i>Cellular and Molecular Neurobiology</i> , 2011, 31, 949-959. | 1.7 | 93 |
| 633 | PTEN status is related to cell proliferation and self-renewal independent of CD133 phenotype in the glioma-initiating cells. <i>Molecular and Cellular Biochemistry</i> , 2011, 349, 149-157. | 1.4 | 11 |
| 634 | IL-10 and TGF- β 2 are overexpressed in tumor spheres cultured from human gliomas. <i>Molecular Biology Reports</i> , 2011, 38, 3585-3591. | 1.0 | 64 |
| 635 | The role of sphingosine kinase-1 in EGFR ^{vIII} -regulated growth and survival of glioblastoma cells. <i>Journal of Neuro-Oncology</i> , 2011, 102, 353-366. | 1.4 | 30 |
| 636 | Understanding the role of tumor stem cells in glioblastoma multiforme: a review article. <i>Journal of Neuro-Oncology</i> , 2011, 103, 397-408. | 1.4 | 23 |
| 637 | Optimization of glioblastoma multiforme stem cell isolation, transfection, and transduction. <i>Journal of Neuro-Oncology</i> , 2011, 104, 509-522. | 1.4 | 16 |
| 638 | Glioblastoma stem cells. <i>Cell and Tissue Research</i> , 2011, 343, 459-465. | 1.5 | 75 |
| 639 | Angiogenesis and invasion in glioma. <i>Brain Tumor Pathology</i> , 2011, 28, 13-24. | 1.1 | 226 |
| 640 | Heterogeneity of primary glioblastoma cells in the expression of caspase-8 and the response to TRAIL-induced apoptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2011, 16, 1150-1164. | 2.2 | 25 |
| 641 | Seeing is Believing: Are Cancer Stem Cells the Loch Ness Monster of Tumor Biology?. <i>Stem Cell Reviews and Reports</i> , 2011, 7, 227-237. | 5.6 | 28 |
| 642 | MicroRNAs as Regulators of Neural Stem Cell-Related Pathways in Glioblastoma Multiforme. <i>Molecular Neurobiology</i> , 2011, 44, 235-249. | 1.9 | 48 |
| 643 | Contribution of cancer stem cells to tumor vasculogenic mimicry. <i>Protein and Cell</i> , 2011, 2, 266-272. | 4.8 | 84 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 644 | Notch signaling contributes to the maintenance of both normal neural stem cells and patient-derived glioma stem cells. <i>BMC Cancer</i> , 2011, 11, 82. | 1.1 | 75 |
| 645 | Chemoresistance of glioblastoma cancer stem cells - much more complex than expected. <i>Molecular Cancer</i> , 2011, 10, 128. | 7.9 | 265 |
| 646 | Cancer stem cell subsets and their relationships. <i>Journal of Translational Medicine</i> , 2011, 9, 50. | 1.8 | 27 |
| 647 | Pro-inflammatory gene expression in solid glioblastoma microenvironment and in hypoxic stem cells from human glioblastoma. <i>Journal of Neuroinflammation</i> , 2011, 8, 32. | 3.1 | 102 |
| 648 | Evolving evidence implicates cytomegalovirus as a promoter of malignant glioma pathogenesis. <i>Herpesviridae</i> , 2011, 2, 10. | 2.7 | 47 |
| 649 | Dose-dependent proteomic analysis of glioblastoma cancer stem cells upon treatment with ß-secretase inhibitor. <i>Proteomics</i> , 2011, 11, 4529-4540. | 1.3 | 15 |
| 650 | Differential profiling studies of N-linked glycoproteins in glioblastoma cancer stem cells upon treatment with ß-secretase inhibitor. <i>Proteomics</i> , 2011, 11, 4021-4028. | 1.3 | 25 |
| 651 | Krüppel-Like Family of Transcription Factor 9, a Differentiation-Associated Transcription Factor, Suppresses Notch1 Signaling and Inhibits Glioblastoma-Initiating Stem Cells. <i>Stem Cells</i> , 2011, 29, 20-31. | 1.4 | 80 |
| 652 | Alternative Lengthening of Telomeres in Human Glioma Stem Cells. <i>Stem Cells</i> , 2011, 29, 440-451. | 1.4 | 61 |
| 653 | FoxO3a Functions as a Key Integrator of Cellular Signals That Control Glioblastoma Stem-like Cell Differentiation and Tumorigenicity. <i>Stem Cells</i> , 2011, 29, 1327-1337. | 1.4 | 89 |
| 654 | CD133+ Cancer Stem Cell-like Cells Derived from Uterine Carcinosarcoma (Malignant Mixed Müllerian Tumor) Overexpresses CD133 and CD133 Antibody Targeted Therapy. <i>Journal of Cellular Biochemistry</i> , 2011, 100, 114-126. | 1.4 | 26 |
| 655 | A distinct subset of glioma cell lines with stem cell-like properties reflects the transcriptional phenotype of glioblastomas and overexpresses CXCR4 as therapeutic target. <i>Glia</i> , 2011, 59, 590-602. | 2.5 | 97 |
| 656 | Cancer stem cells in gliomas: Identifying and understanding the apex cell in cancer's hierarchy. <i>Glia</i> , 2011, 59, 1148-1154. | 2.5 | 128 |
| 657 | Gankyrin-mediated dedifferentiation facilitates the tumorigenicity of rat hepatocytes and hepatoma cells. <i>Hepatology</i> , 2011, 54, 1259-1272. | 3.6 | 53 |
| 658 | Expression of the stem cell marker CD133 in recurrent glioblastoma and its value for prognosis. <i>Cancer</i> , 2011, 117, 162-174. | 2.0 | 80 |
| 659 | STAT3 is essential for the maintenance of neurosphere-initiating tumor cells in patients with glioblastomas: A potential for targeted therapy?. <i>International Journal of Cancer</i> , 2011, 128, 826-838. | 2.3 | 94 |
| 660 | Forced expression of Sox21 inhibits Sox2 and induces apoptosis in human glioma cells. <i>International Journal of Cancer</i> , 2011, 129, 45-60. | 2.3 | 41 |
| 661 | Induction of autophagy promotes differentiation of glioma-initiating cells and their radiosensitivity. <i>International Journal of Cancer</i> , 2011, 129, 2720-2731. | 2.3 | 153 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 662 | Co-localization of PCNA, VCAM-1 and caspase-3 with nestin in xenografts derived from human anaplastic astrocytoma and glioblastoma multiforme tumor spheres. <i>Micron</i> , 2011, 42, 793-800. | 1.1 | 7 |
| 663 | Evidence for label-retaining tumour-initiating cells in human glioblastoma. <i>Brain</i> , 2011, 134, 1331-1343. | 3.7 | 151 |
| 664 | Editorial: glioma subpopulations. <i>Journal of Neurosurgery</i> , 2011, 114, 648-650. | 0.9 | 5 |
| 665 | Protein kinase D2 is a novel regulator of glioblastoma growth and tumor formation. <i>Neuro-Oncology</i> , 2011, 13, 710-724. | 0.6 | 36 |
| 666 | Pediatric brain tumor cancer stem cells: cell cycle dynamics, DNA repair, and etoposide extrusion. <i>Neuro-Oncology</i> , 2011, 13, 70-83. | 0.6 | 60 |
| 667 | Distribution of CD133 reveals glioma stem cells self-renew through symmetric and asymmetric cell divisions. <i>Cell Death and Disease</i> , 2011, 2, e200-e200. | 2.7 | 166 |
| 668 | CD133+ Glioblastoma Stem-Like Cells Induce Vascular Mimicry in Vivo. <i>Current Neurovascular Research</i> , 2011, 8, 210-219. | 0.4 | 52 |
| 669 | Neural Tumor-Initiating Cells Have Distinct Telomere Maintenance and Can be Safely Targeted for Telomerase Inhibition. <i>Clinical Cancer Research</i> , 2011, 17, 111-121. | 3.2 | 53 |
| 670 | Insulin Receptor Isoforms and Insulin-Like Growth Factor Receptor in Human Follicular Cell Precursors from Papillary Thyroid Cancer and Normal Thyroid. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, 766-774. | 1.8 | 130 |
| 672 | Aldehyde Dehydrogenase in Combination with CD133 Defines Angiogenic Ovarian Cancer Stem Cells That Portend Poor Patient Survival. <i>Cancer Research</i> , 2011, 71, 3991-4001. | 0.4 | 458 |
| 673 | Endothelial Cells Create a Stem Cell Niche in Glioblastoma by Providing NOTCH Ligands That Nurture Self-Renewal of Cancer Stem-Like Cells. <i>Cancer Research</i> , 2011, 71, 6061-6072. | 0.4 | 335 |
| 674 | Blockade of TGF- β 2 Signaling by the TGF β 2R-I Kinase Inhibitor LY2109761 Enhances Radiation Response and Prolongs Survival in Glioblastoma. <i>Cancer Research</i> , 2011, 71, 7155-7167. | 0.4 | 203 |
| 675 | A polymeric nanoparticle formulation of curcumin inhibits growth, clonogenicity and stem-like fraction in malignant brain tumors. <i>Cancer Biology and Therapy</i> , 2011, 11, 464-473. | 1.5 | 205 |
| 676 | BRAF Activation Induces Transformation and Then Senescence in Human Neural Stem Cells: A Pilocytic Astrocytoma Model. <i>Clinical Cancer Research</i> , 2011, 17, 3590-3599. | 3.2 | 167 |
| 677 | Homozygously deleted gene DACH1 regulates tumor-initiating activity of glioma cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 12384-12389. | 3.3 | 40 |
| 678 | ARTS-based anticancer therapy: taking aim at cancer stem cells. <i>Future Oncology</i> , 2011, 7, 1185-1194. | 1.1 | 8 |
| 679 | Identification of a SOX2-dependent subset of tumor- and sphere-forming glioblastoma cells with a distinct tyrosine kinase inhibitor sensitivity profile. <i>Neuro-Oncology</i> , 2011, 13, 1178-1191. | 0.6 | 75 |
| 680 | Treatment Resistance Mechanisms of Malignant Glioma Tumor Stem Cells. <i>Cancers</i> , 2011, 3, 621-635. | 1.7 | 23 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 681 | Drug Treatment of Cancer Cell Lines: A Way to Select for Cancer Stem Cells?. <i>Cancers</i> , 2011, 3, 1111-1128. | 1.7 | 19 |
| 682 | Essential Gene Pathways for Glioblastoma Stem Cells: Clinical Implications for Prevention of Tumor Recurrence. <i>Cancers</i> , 2011, 3, 1975-1995. | 1.7 | 16 |
| 683 | Temozolomide decreases invasion of glioma stem cells by down-regulating TGF- β 2. <i>Oncology Reports</i> , 2011, 26, 901-8. | 1.2 | 11 |
| 684 | Siomycin A targets brain tumor stem cells partially through a MELK-mediated pathway. <i>Neuro-Oncology</i> , 2011, 13, 622-634. | 0.6 | 63 |
| 685 | Heparanase expression is associated with histone modifications in glioblastoma. <i>International Journal of Oncology</i> , 2011, 40, 494-500. | 1.4 | 7 |
| 686 | Insight into the role of microRNAs in brain tumors (Review). <i>International Journal of Oncology</i> , 2011, 40, 605-24. | 1.4 | 10 |
| 687 | Maintenance of retinal cancer stem cell-like properties through long-term serum-free culture from human retinoblastoma. <i>Oncology Reports</i> , 2011, 26, 135-43. | 1.2 | 25 |
| 688 | An experimental study of dendritic cells transfected with cancer stem-like cells RNA against 9L brain tumors. <i>Cancer Biology and Therapy</i> , 2011, 11, 974-980. | 1.5 | 12 |
| 689 | Genetic and Modifying Factors that Determine the Risk of Brain Tumors. <i>Central Nervous System Agents in Medicinal Chemistry</i> , 2011, 11, 8-30. | 0.5 | 10 |
| 690 | Autocrine Endothelin-3/Endothelin Receptor B Signaling Maintains Cellular and Molecular Properties of Glioblastoma Stem Cells. <i>Molecular Cancer Research</i> , 2011, 9, 1668-1685. | 1.5 | 38 |
| 691 | A Molecular Screening Approach to Identify and Characterize Inhibitors of Glioblastoma Stem Cells. <i>Molecular Cancer Therapeutics</i> , 2011, 10, 1818-1828. | 1.9 | 80 |
| 692 | Dishevelled 2 Signaling Promotes Self-Renewal and Tumorigenicity in Human Gliomas. <i>Cancer Research</i> , 2011, 71, 7280-7290. | 0.4 | 86 |
| 693 | c-Met signaling induces a reprogramming network and supports the glioblastoma stem-like phenotype. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 9951-9956. | 3.3 | 232 |
| 694 | The oncogenic RNA-binding protein Musashi1 is regulated by tumor suppressor miRNAs. <i>RNA Biology</i> , 2011, 8, 817-828. | 1.5 | 64 |
| 695 | Canine Mammary Cancer Stem Cells are Radio- and Chemo- Resistant and Exhibit an Epithelial-Mesenchymal Transition Phenotype. <i>Cancers</i> , 2011, 3, 1744-1762. | 1.7 | 43 |
| 696 | Brain Cancer Stem Cells: Current Status on Glioblastoma Multiforme. <i>Cancers</i> , 2011, 3, 1777-1797. | 1.7 | 75 |
| 697 | Human umbilical cord blood-derived mesenchymal stem cells and their effect on gliomas. <i>Neurology India</i> , 2011, 59, 226. | 0.2 | 5 |
| 698 | Fourth Ventricular Schwannoma: Identical Clinicopathologic Features as Schwann Cell-Derived Schwannoma with Unique Etiopathologic Origins. <i>Case Reports in Medicine</i> , 2011, 2011, 1-4. | 0.3 | 13 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 699 | Effect of Brain- and Tumor-Derived Connective Tissue Growth Factor on Glioma Invasion. <i>Journal of the National Cancer Institute</i> , 2011, 103, 1162-1178. | 3.0 | 109 |
| 700 | High levels of PROM1 (CD133) transcript are a potential predictor of poor prognosis in medulloblastoma. <i>Neuro-Oncology</i> , 2011, 13, 500-508. | 0.6 | 37 |
| 701 | Glioblastoma Stem-Like Cells—Biology and Therapeutic Implications. <i>Cancers</i> , 2011, 3, 2655-2666. | 1.7 | 33 |
| 702 | Aberrant Signaling Pathways in Glioma. <i>Cancers</i> , 2011, 3, 3242-3278. | 1.7 | 178 |
| 703 | O6-Methylguanine-Methyltransferase (MGMT) Promoter Methylation Status in Glioma Stem-Like Cells is Correlated to Temozolomide Sensitivity Under Differentiation-Promoting Conditions. <i>International Journal of Molecular Sciences</i> , 2012, 13, 6983-6994. | 1.8 | 47 |
| 704 | TRAIL and Paclitaxel Synergize to Kill U87 Cells and U87-Derived Stem-Like Cells in Vitro. <i>International Journal of Molecular Sciences</i> , 2012, 13, 9142-9156. | 1.8 | 27 |
| 705 | Induction of brain tumor stem cell apoptosis by FTY720: a potential therapeutic agent for glioblastoma. <i>Neuro-Oncology</i> , 2012, 14, 405-415. | 0.6 | 69 |
| 706 | Quantification, self-renewal, and genetic tracing of FL1+ tumor-initiating cells in a large cohort of human gliomas. <i>Neuro-Oncology</i> , 2012, 14, 720-735. | 0.6 | 0 |
| 707 | Endoscopy-verified occult subependymal dissemination of glioblastoma and brain metastasis undetected by MRI: prognostic significance. <i>OncoTargets and Therapy</i> , 2012, 5, 449. | 1.0 | 13 |
| 708 | CD166/Activated leukocyte cell adhesion molecule is expressed on glioblastoma progenitor cells and involved in the regulation of tumor cell invasion. <i>Neuro-Oncology</i> , 2012, 14, 1254-1264. | 0.6 | 47 |
| 709 | Patient-Derived Xenografts of Non Small Cell Lung Cancer: Resurgence of an Old Model for Investigation of Modern Concepts of Tailored Therapy and Cancer Stem Cells. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-11. | 3.0 | 76 |
| 710 | Novel Delivery Strategies for Glioblastoma. <i>Cancer Journal (Sudbury, Mass)</i> , 2012, 18, 89-99. | 1.0 | 109 |
| 711 | Targeting Glioblastoma Stem Cells: Cell Surface Markers. <i>Current Medicinal Chemistry</i> , 2012, 19, 6050-6055. | 1.2 | 22 |
| 712 | Anti-DLL4 Has Broad Spectrum Activity in Pancreatic Cancer Dependent on Targeting DLL4-Notch Signaling in Both Tumor and Vasculature Cells. <i>Clinical Cancer Research</i> , 2012, 18, 5374-5386. | 3.2 | 60 |
| 713 | Immunotherapy of High-Grade Gliomas: Preclinical In Vivo Experiments in Animal Models. <i>Neuromethods</i> , 2012, , 245-273. | 0.2 | 0 |
| 714 | Induction of apoptosis and reduction of MMP gene expression in the U373 cell line by polyphenolics in <i>Aronia melanocarpa</i> and by curcumin. <i>Oncology Reports</i> , 2012, 28, 1435-1442. | 1.2 | 43 |
| 715 | Imp2 controls oxidative phosphorylation and is crucial for preserving glioblastoma cancer stem cells. <i>Genes and Development</i> , 2012, 26, 1926-1944. | 2.7 | 370 |
| 716 | Oncolytic Herpes Simplex Virus Counteracts the Hypoxia-Induced Modulation of Glioblastoma Stem-Like Cells. <i>Stem Cells Translational Medicine</i> , 2012, 1, 322-332. | 1.6 | 33 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 717 | Transdifferentiation of Glioblastoma Stem-Like Cells into Mural Cells Drives Vasculogenic Mimicry in Glioblastomas. <i>Journal of Neuroscience</i> , 2012, 32, 12950-12960. | 1.7 | 150 |
| 718 | Knockdown of Ubiquitin Ligases in Glioblastoma Cancer Stem Cells Leads to Cell Death and Differentiation. <i>Journal of Biomolecular Screening</i> , 2012, 17, 152-162. | 2.6 | 10 |
| 719 | CD90 is Identified as a Candidate Marker for Cancer Stem Cells in Primary High-Grade Gliomas Using Tissue Microarrays. <i>Molecular and Cellular Proteomics</i> , 2012, 11, M111.010744. | 2.5 | 122 |
| 720 | Cancer Stem Cells and Novel Targets for Antitumor Strategies. <i>Current Pharmaceutical Design</i> , 2012, 18, 2838-2849. | 0.9 | 121 |
| 721 | Gene Signatures Associated with Mouse Postnatal Hindbrain Neural Stem Cells and Medulloblastoma Cancer Stem Cells Identify Novel Molecular Mediators and Predict Human Medulloblastoma Molecular Classification. <i>Cancer Discovery</i> , 2012, 2, 554-568. | 7.7 | 21 |
| 722 | Targeted Therapy for Brain Tumours: Role of PARP Inhibitors. <i>Current Cancer Drug Targets</i> , 2012, 12, 218-236. | 0.8 | 23 |
| 723 | Animal model of intramedullary spinal cord glioma using human glioblastoma multiforme neurospheres. <i>Journal of Neurosurgery: Spine</i> , 2012, 16, 315-319. | 0.9 | 12 |
| 724 | Neural stem cells: Brain building blocks and beyond. <i>Upsala Journal of Medical Sciences</i> , 2012, 117, 132-142. | 0.4 | 60 |
| 725 | PDGF and PDGF receptors in glioma. <i>Upsala Journal of Medical Sciences</i> , 2012, 117, 99-112. | 0.4 | 142 |
| 726 | Immunotherapy against the radial glia marker GLAST effectively triggers specific antitumor effectors without autoimmunity. <i>Onc Immunology</i> , 2012, 1, 884-893. | 2.1 | 19 |
| 727 | The malignant social network. <i>Cell Adhesion and Migration</i> , 2012, 6, 346-355. | 1.1 | 43 |
| 728 | Concise Review: Self-Renewal in the Central Nervous System: Neural Stem Cells from Embryo to Adult. <i>Stem Cells Translational Medicine</i> , 2012, 1, 298-308. | 1.6 | 44 |
| 729 | Advances in Cancer Stem Cell Biology. , 2012, , . | | 3 |
| 730 | EphB2 receptor controls proliferation/migration dichotomy of glioblastoma by interacting with focal adhesion kinase. <i>Oncogene</i> , 2012, 31, 5132-5143. | 2.6 | 80 |
| 731 | Fluorescence-guided surgical sampling of glioblastoma identifies phenotypically distinct tumour-initiating cell populations in the tumour mass and margin. <i>British Journal of Cancer</i> , 2012, 107, 462-468. | 2.9 | 99 |
| 733 | Progenitor-like Traits Contribute to Patient Survival and Prognosis in Oligodendroglial Tumors. <i>Clinical Cancer Research</i> , 2012, 18, 4122-4135. | 3.2 | 16 |
| 734 | On the origin of glioma. <i>Upsala Journal of Medical Sciences</i> , 2012, 117, 113-121. | 0.4 | 73 |
| 735 | A microRNA Link to Glioblastoma Heterogeneity. <i>Cancers</i> , 2012, 4, 846-872. | 1.7 | 15 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 736 | Methodology for Anti-Gene Anti-IGF-I Therapy of Malignant Tumours. <i>Chemotherapy Research and Practice</i> , 2012, 2012, 1-12. | 1.6 | 6 |
| 737 | Platelet-derived growth factor receptors differentially inform intertumoral and intratumoral heterogeneity. <i>Genes and Development</i> , 2012, 26, 1247-1262. | 2.7 | 96 |
| 738 | Durable Complete Remission of a Brainstem Glioma Treated with a Combination of Bevacizumab and Cetuximab. <i>Case Reports in Oncology</i> , 2012, 5, 676-681. | 0.3 | 9 |
| 739 | Cell of Origin Determines Tumor Phenotype in an Oncogenic Ras/p53 Knockout Transgenic Model of High-Grade Glioma. <i>Journal of Neuropathology and Experimental Neurology</i> , 2012, 71, 729-740. | 0.9 | 21 |
| 740 | Role of Cancer Stem Cells in Spine Tumors. <i>Neurosurgery</i> , 2012, 71, 117-125. | 0.6 | 11 |
| 741 | Expression and correlation of Bcl-2 with pathological grades in human glioma stem cells. <i>Oncology Reports</i> , 2012, 28, 155-60. | 1.2 | 18 |
| 742 | Expression levels of Fas/Fas-L mRNA in human brain glioma stem cells. <i>Molecular Medicine Reports</i> , 2012, 5, 1202-6. | 1.1 | 14 |
| 743 | 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 |
| 744 | Gliomatosis Cerebri in Two Dogs. <i>Journal of the American Animal Hospital Association</i> , 2012, 48, 359-365. | 0.5 | 14 |
| 745 | Differential Expression of 2â€²,3â€²-Cyclic-Nucleotide 3â€²-Phosphodiesterase and Neural Lineage Markers Correlate with Glioblastoma Xenograft Infiltration and Patient Survival. <i>Clinical Cancer Research</i> , 2012, 18, 3628-3636. | 3.2 | 40 |
| 746 | c-Jun N-terminal kinase has a pivotal role in the maintenance of self-renewal and tumorigenicity in glioma stem-like cells. <i>Oncogene</i> , 2012, 31, 4655-4666. | 2.6 | 95 |
| 747 | Characteristic Features of Stem Cells in Glioblastomas: From Cellular Biology to Genetics. <i>Brain Pathology</i> , 2012, 22, 592-606. | 2.1 | 11 |
| 748 | Activation of canonical WNT/ β -catenin signaling enhances in vitro motility of glioblastoma cells by activation of ZEB1 and other activators of epithelial-to-mesenchymal transition. <i>Cancer Letters</i> , 2012, 325, 42-53. | 3.2 | 191 |
| 749 | Notch1 signaling promotes survival of glioblastoma cells via EGFR-mediated induction of anti-apoptotic Mcl-1. <i>Oncogene</i> , 2012, 31, 4698-4708. | 2.6 | 61 |
| 750 | 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 |
| 751 | Unique biology of gliomas: challenges and opportunities. <i>Trends in Neurosciences</i> , 2012, 35, 546-556. | 4.2 | 67 |
| 752 | Laminin alpha 2 enables glioblastoma stem cell growth. <i>Annals of Neurology</i> , 2012, 72, 766-778. | 2.8 | 151 |
| 753 | The EphA2 Receptor Drives Self-Renewal and Tumorigenicity in Stem-like Tumor-Propagating Cells from Human Glioblastomas. <i>Cancer Cell</i> , 2012, 22, 765-780. | 7.7 | 179 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 754 | Targeting Glioma Stem Cells by Functional Inhibition of a Prosurvival OncomiR-138 in Malignant Gliomas. <i>Cell Reports</i> , 2012, 2, 591-602. | 2.9 | 92 |
| 755 | miR-125b regulates the proliferation of glioblastoma stem cells by targeting E2F2. <i>FEBS Letters</i> , 2012, 586, 3831-3839. | 1.3 | 77 |
| 756 | High-Grade Glioma Relationship to the Neural Stem Cell Compartment: A Retrospective Review of 104 Cases. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 82, e159-e165. | 0.4 | 10 |
| 757 | Novel Animal Glioma Models that Separately Exhibit Two Different Invasive and Angiogenic Phenotypes of Human Glioblastomas. <i>World Neurosurgery</i> , 2012, 78, 670-682. | 0.7 | 38 |
| 758 | Glioblastoma Heterogeneity and More Accurate Representation in Research Models. <i>World Neurosurgery</i> , 2012, 78, 594-596. | 0.7 | 4 |
| 759 | Hypoxia and hypoxia-inducible factors in glioblastoma multiforme progression and therapeutic implications. <i>Experimental Cell Research</i> , 2012, 318, 2417-2426. | 1.2 | 153 |
| 760 | Activation of Multiple ERBB Family Receptors Mediates Glioblastoma Cancer Stem-like Cell Resistance to EGFR-Targeted Inhibition. <i>Neoplasia</i> , 2012, 14, 420-IN13. | 2.3 | 123 |
| 761 | Stem cells in gliomas. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2012, 104, 63-73. | 1.0 | 10 |
| 762 | Angiogenic inhibition in high-grade gliomas: past, present and future. <i>Expert Review of Neurotherapeutics</i> , 2012, 12, 733-747. | 1.4 | 28 |
| 763 | Chemotherapy sorting can be used to identify cancer stem cell populations. <i>Molecular Biology Reports</i> , 2012, 39, 9955-9963. | 1.0 | 13 |
| 764 | Identification of Glycoprotein Markers for Pancreatic Cancer CD24 ⁺ CD44 ⁺ Stem-like Cells Using Nano-LC-MS/MS and Tissue Microarray. <i>Journal of Proteome Research</i> , 2012, 11, 2272-2281. | 1.8 | 73 |
| 765 | Cortical and Subventricular Zone Glioblastoma-Derived Stem-Like Cells Display Different Molecular Profiles and Differential In Vitro and In Vivo Properties. <i>Annals of Surgical Oncology</i> , 2012, 19, 608-619. | 0.7 | 32 |
| 766 | A BMP7 variant inhibits the tumorigenic potential of glioblastoma stem-like cells. <i>Cell Death and Differentiation</i> , 2012, 19, 1644-1654. | 5.0 | 64 |
| 767 | Molecular mechanisms of temozolomide resistance in glioblastoma multiforme. <i>Expert Review of Anticancer Therapy</i> , 2012, 12, 635-642. | 1.1 | 109 |
| 768 | Quantitative analysis of topoisomerase II alpha and evaluation of its effects on cell proliferation and apoptosis in glioblastoma cancer stem cells. <i>Neuroscience Letters</i> , 2012, 518, 138-143. | 1.0 | 22 |
| 769 | Human brain glioma stem cells are more invasive than their differentiated progeny cells in vitro. <i>Journal of Clinical Neuroscience</i> , 2012, 19, 130-134. | 0.8 | 21 |
| 770 | Identification and characterization of the human leiomyoma side population as putative tumor-initiating cells. <i>Fertility and Sterility</i> , 2012, 98, 741-751.e6. | 0.5 | 101 |
| 771 | Genetically engineered mouse models of diffuse gliomas. <i>Brain Research Bulletin</i> , 2012, 88, 72-79. | 1.4 | 22 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 772 | Cancer stem cells and tumor angiogenesis. <i>Cancer Letters</i> , 2012, 321, 13-17. | 3.2 | 59 |
| 773 | Molecular targeted therapy in recurrent glioblastoma: current challenges and future directions. <i>Expert Opinion on Investigational Drugs</i> , 2012, 21, 1247-1266. | 1.9 | 50 |
| 774 | Cancer Stem Cell Models and Role in Drug Discovery. , 2012, , 217-228. | | 2 |
| 775 | The synthetic purine reversine selectively induces cell death of cancer cells. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 3207-3217. | 1.2 | 18 |
| 776 | Cancer stem cells from a rare form of glioblastoma multiforme involving the neurogenic ventricular wall. <i>Cancer Cell International</i> , 2012, 12, 41. | 1.8 | 24 |
| 777 | High Content Screening of Defined Chemical Libraries Using Normal and Glioma-Derived Neural Stem Cell Lines. <i>Methods in Enzymology</i> , 2012, 506, 311-329. | 0.4 | 15 |
| 778 | The future of glioma treatment: stem cells, nanotechnology and personalized medicine. <i>Future Oncology</i> , 2012, 8, 1149-1156. | 1.1 | 19 |
| 779 | Immunotherapy targeting glioma stem cells – insights and perspectives. <i>Expert Opinion on Biological Therapy</i> , 2012, 12, 165-178. | 1.4 | 14 |
| 780 | Notch Signaling and Breast Cancer. <i>Advances in Experimental Medicine and Biology</i> , 2012, 727, 241-257. | 0.8 | 71 |
| 781 | Notch Signaling and Brain Tumors. <i>Advances in Experimental Medicine and Biology</i> , 2012, 727, 289-304. | 0.8 | 24 |
| 782 | Glioblastoma cancer stem cells: Basis for a functional hypothesis. <i>Stem Cell Discovery</i> , 2012, 02, 122-131. | 0.5 | 9 |
| 783 | A novel treatment for glioblastoma: integrin inhibition. <i>Expert Review of Neurotherapeutics</i> , 2012, 12, 421-435. | 1.4 | 34 |
| 784 | Identification of cancer stem cells from human glioblastomas: growth and differentiation capabilities and CD133/promininin expression. <i>Cell Biology International</i> , 2012, 36, 29-38. | 1.4 | 23 |
| 785 | Study of chemoresistant CD133+ cancer stem cells from human glioblastoma cell line U138MG using multiple assays. <i>Cell Biology International</i> , 2012, 36, 1137-1143. | 1.4 | 25 |
| 786 | | | |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 790 | The Ultrastructural Difference between CD133-positive U251 Glioma Stem Cells and Normal U251 Glioma Cells. <i>Ultrastructural Pathology</i> , 2012, 36, 404-408. | 0.4 | 11 |
| 791 | In vivo models of primary brain tumors: pitfalls and perspectives. <i>Neuro-Oncology</i> , 2012, 14, 979-993. | 0.6 | 211 |
| 792 | Glioblastoma cell line-derived spheres in serum-containing medium versus serum-free medium: A comparison of cancer stem cell properties. <i>International Journal of Oncology</i> , 2012, 41, 1693-1700. | 1.4 | 78 |
| 793 | CD133 as a Marker for Regulation and Potential for Targeted Therapies in Glioblastoma Multiforme. <i>Neurosurgery Clinics of North America</i> , 2012, 23, 391-405. | 0.8 | 28 |
| 794 | Cancer Stem Cells in Glioblastoma. , 2012, , 113-120. | | 2 |
| 795 | Evaluation of Tyrosine Kinase Inhibitor Combinations for Glioblastoma Therapy. <i>PLoS ONE</i> , 2012, 7, e44372. | 1.1 | 42 |
| 796 | Overcoming Challenges of Ovarian Cancer Stem Cells: Novel Therapeutic Approaches. <i>Stem Cell Reviews and Reports</i> , 2012, 8, 994-1010. | 5.6 | 51 |
| 797 | Cell Cycle Activation and Aneuploid Neurons in Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2012, 46, 125-135. | 1.9 | 118 |
| 798 | Growth Factors from Tumor Microenvironment Possibly Promote the Proliferation of Glioblastoma-Derived Stem-like Cells in Vitro. <i>Pathology and Oncology Research</i> , 2012, 18, 1047-1057. | 0.9 | 9 |
| 800 | Neural Development and Stem Cells. , 2012, , . | | 0 |
| 801 | HIF-1 α is critical for hypoxia-mediated maintenance of glioblastoma stem cells by activating Notch signaling pathway. <i>Cell Death and Differentiation</i> , 2012, 19, 284-294. | 5.0 | 260 |
| 802 | Oncolytic Viruses. <i>Methods in Molecular Biology</i> , 2012, , . | 0.4 | 1 |
| 804 | Stem Cells and Cancer Stem Cells, Volume 4. , 2012, , . | | 2 |
| 805 | Glioblastoma and malignant astrocytoma. , 2012, , 384-407. | | 3 |
| 806 | 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 |
| 807 | The Inhibition of KCa3.1 Channels Activity Reduces Cell Motility in Glioblastoma Derived Cancer Stem Cells. <i>PLoS ONE</i> , 2012, 7, e47825. | 1.1 | 65 |
| 808 | A Radial Glia Gene Marker, Fatty Acid Binding Protein 7 (FABP7), Is Involved in Proliferation and Invasion of Glioblastoma Cells. <i>PLoS ONE</i> , 2012, 7, e52113. | 1.1 | 94 |
| 809 | Aqp 9 and Brain Tumour Stem Cells. <i>Scientific World Journal</i> , The, 2012, 2012, 1-9. | 0.8 | 37 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 810 | Isolation, cultivation and characterization of CD133+ stem cells from human glioblastoma. Einstein (Sao Paulo, Brazil), 2012, 10, 197-202. | 0.3 | 5 |
| 811 | Current Strategies for Identification of Glioma Stem Cells: Adequate or Unsatisfactory?. Journal of Oncology, 2012, 2012, 1-10. | 0.6 | 75 |
| 812 | Established and emerging variants of glioblastoma multiforme: review of morphological and molecular features. Folia Neuropathologica, 2012, 4, 301-321. | 0.5 | 80 |
| 813 | Cellular Organization of the Subventricular Zone in the Adult Human Brain: A Niche of Neural Stem Cells. , 2012, , . | | 1 |
| 814 | A simplified and modified procedure to culture brain glioma stem cells from clinical specimens. Oncology Letters, 2012, 3, 50-54. | 0.8 | 13 |
| 815 | Stem cells and progenitor cell lineages as targets for neoplastic transformation in the central nervous system. , 2012, , 6-35. | | 1 |
| 816 | The potential origin of glioblastoma initiating cells. Frontiers in Bioscience - Scholar, 2012, S4, 190-205. | 0.8 | 18 |
| 817 | The role of microRNAs in glioma initiation and progression. Frontiers in Bioscience - Landmark, 2012, 17, 700. | 3.0 | 94 |
| 818 | The New Model of Carcinogenesis: The Cancer Stem Cell Hypothesis. , 0, , . | | 1 |
| 819 | The Role of Neural Stem Cells in Neurorestoration. , 2012, , . | | 0 |
| 820 | The potential origin of glioblastoma initiating cells. Frontiers in Bioscience - Scholar, 2012, S4, 190. | 0.8 | 4 |
| 821 | Identification and Characterization of Cancer Stem Cells Using Flow Cytometry. , 0, , . | | 0 |
| 822 | Heterogeneity of cancer-initiating cells within glioblastoma. Frontiers in Bioscience - Scholar, 2012, S4, 1235-1248. | 0.8 | 19 |
| 823 | Genomic instability of surgical sample and cancer-initiating cell lines from human glioblastoma. Frontiers in Bioscience - Landmark, 2012, 17, 1469. | 3.0 | 10 |
| 824 | Molecular biomarkers of glioblastoma: current targets and clinical implications. Current Biomarker Findings, 0, , 63. | 0.4 | 4 |
| 825 | Mouse models for brain tumor therapy. , 2012, , 316-328. | | 0 |
| 826 | Stemness of the CT-2A Immunocompetent Mouse Brain Tumor Model: Characterization <i>In Vitro</i>. Journal of Cancer, 2012, 3, 166-174. | 1.2 | 47 |
| 827 | REST Regulates Oncogenic Properties of Glioblastoma Stem Cells. Stem Cells, 2012, 30, 405-414. | 1.4 | 67 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 828 | Connexin 43 Reverses Malignant Phenotypes of Glioma Stem Cells by Modulating E-Cadherin. <i>Stem Cells</i> , 2012, 30, 108-120. | 1.4 | 79 |
| 829 | Rai is a New Regulator of Neural Progenitor Migration and Glioblastoma Invasion. <i>Stem Cells</i> , 2012, 30, 817-832. | 1.4 | 32 |
| 830 | IDH1 mutation is sufficient to establish the glioma hypermethylator phenotype. <i>Nature</i> , 2012, 483, 479-483. | 13.7 | 1,668 |
| 831 | A Role for Homologous Recombination and Abnormal Cell-Cycle Progression in Radioresistance of Glioma-Initiating Cells. <i>Molecular Cancer Therapeutics</i> , 2012, 11, 1863-1872. | 1.9 | 79 |
| 832 | The <i>MET</i> Oncogene Is a Functional Marker of a Glioblastoma Stem Cell Subtype. <i>Cancer Research</i> , 2012, 72, 4537-4550. | 0.4 | 120 |
| 833 | EPHA3 as a novel therapeutic target in the hematological malignancies. <i>Expert Review of Hematology</i> , 2012, 5, 325-340. | 1.0 | 24 |
| 834 | Stem Cell Pathways in Brain Tumors. , 2012, , 329-349. | | 0 |
| 835 | Cancer stem cells and their potential implications for the treatment of solid tumors. <i>Journal of Surgical Oncology</i> , 2012, 106, 209-215. | 0.8 | 36 |
| 836 | The intrinsic fusogenicity of glioma cells as a factor of transformation and progression in the tumor microenvironment. <i>International Journal of Cancer</i> , 2012, 131, 334-343. | 2.3 | 17 |
| 837 | <i>In vitro</i> and <i>in vivo</i> characterization of a novel hedgehog signaling antagonist in human glioblastoma cell lines. <i>International Journal of Cancer</i> , 2012, 131, E33-44. | 2.3 | 39 |
| 838 | Effects of epidermal growth factor receptor blockade on ependymoma stem cells <i>in vitro</i> and in orthotopic mouse models. <i>International Journal of Cancer</i> , 2012, 131, E791-803. | 2.3 | 15 |
| 839 | The transient receptor potential vanilloid 2 cation channel impairs glioblastoma stem-like cell proliferation and promotes differentiation. <i>International Journal of Cancer</i> , 2012, 131, E1067-77. | 2.3 | 71 |
| 840 | Induced pluripotent stem cell-related genes influence biological behavior and 5-fluorouracil sensitivity of colorectal cancer cells. <i>Journal of Zhejiang University: Science B</i> , 2012, 13, 11-19. | 1.3 | 11 |
| 841 | Sendai virus-based liposomes enable targeted cytosolic delivery of nanoparticles in brain tumor-derived cells. <i>Journal of Nanobiotechnology</i> , 2012, 10, 9. | 4.2 | 13 |
| 842 | Telomestatin Impairs Glioma Stem Cell Survival and Growth through the Disruption of Telomeric G-Quadruplex and Inhibition of the Proto-oncogene, <i>c-Myb</i> . <i>Clinical Cancer Research</i> , 2012, 18, 1268-1280. | 3.2 | 105 |
| 843 | Glioblastoma Multiforme: Cryopreservation of Brain Tumor-Initiating Cells (Method). , 2012, , 95-101. | | 0 |
| 844 | Maintenance of primary tumor phenotype and genotype in glioblastoma stem cells. <i>Neuro-Oncology</i> , 2012, 14, 132-144. | 0.6 | 185 |
| 845 | Semaphorin 3A elevates endothelial cell permeability through PP2A inactivation. <i>Journal of Cell Science</i> , 2012, 125, 4137-46. | 1.2 | 66 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 846 | Induction of cell-cycle arrest and apoptosis in glioblastoma stem-like cells by WP1193, a novel small molecule inhibitor of the JAK2/STAT3 pathway. <i>Journal of Neuro-Oncology</i> , 2012, 107, 487-501. | 1.4 | 64 |
| 847 | Can irradiation of potential cancer stem-cell niche in the subventricular zone influence survival in patients with newly diagnosed glioblastoma?. <i>Journal of Neuro-Oncology</i> , 2012, 109, 195-203. | 1.4 | 75 |
| 848 | Cancer-Initiating Enriched Cell Lines from Human Glioblastoma: Preparing for Drug Discovery Assays. <i>Stem Cell Reviews and Reports</i> , 2012, 8, 288-298. | 5.6 | 10 |
| 849 | The expression of calcitonin receptor detected in malignant cells of the brain tumour glioblastoma multiforme and functional properties in the cell line AI72. <i>Histopathology</i> , 2012, 60, 895-910. | 1.6 | 22 |
| 850 | Cancer stem cells: an evolving concept. <i>Nature Reviews Cancer</i> , 2012, 12, 133-143. | 12.8 | 1,055 |
| 851 | Self-Renewal Does Not Predict Tumor Growth Potential in Mouse Models of High-Grade Glioma. <i>Cancer Cell</i> , 2012, 21, 11-24. | 7.7 | 122 |
| 852 | Spheres without Influence: Dissociating In Vitro Self-Renewal from Tumorigenic Potential in Glioma. <i>Cancer Cell</i> , 2012, 21, 1-3. | 7.7 | 7 |
| 853 | Contribution of microRNAs to radio- and chemoresistance of brain tumors and their therapeutic potential. <i>European Journal of Pharmacology</i> , 2012, 684, 8-18. | 1.7 | 51 |
| 854 | Human Glioblastoma Stem-Like Cells are More Sensitive to Allogeneic NK and T Cell-Mediated Killing Compared with Serum-Cultured Glioblastoma Cells. <i>Brain Pathology</i> , 2012, 22, 159-174. | 2.1 | 85 |
| 855 | Cancer Stem Cells as a Predictive Factor in Radiotherapy. <i>Seminars in Radiation Oncology</i> , 2012, 22, 151-174. | 1.0 | 83 |
| 856 | Identification of tumour initiating cells in feline head and neck squamous cell carcinoma and evidence for gefitinib induced epithelial to mesenchymal transition. <i>Veterinary Journal</i> , 2012, 193, 46-52. | 0.6 | 21 |
| 857 | Glioma Stem Cells: Their Role in Chemoresistance. <i>World Neurosurgery</i> , 2012, 77, 237-240. | 0.7 | 27 |
| 858 | Curcumin promotes differentiation of glioma-initiating cells by inducing autophagy. <i>Cancer Science</i> , 2012, 103, 684-690. | 1.7 | 157 |
| 859 | Regulation of glioblastoma multiforme stem-like cells by inhibitor of DNA binding proteins and oligodendroglial lineage-associated transcription factors. <i>Cancer Science</i> , 2012, 103, 1028-1037. | 1.7 | 20 |
| 860 | Insights gained from modelling high-grade glioma in the mouse. <i>Neuropathology and Applied Neurobiology</i> , 2012, 38, 254-270. | 1.8 | 19 |
| 861 | CD44 in human glioma correlates with histopathological grade and cell migration. <i>Pathology International</i> , 2012, 62, 463-470. | 0.6 | 75 |
| 862 | <i>In vivo</i> metabolic profiling of glioma-initiating cells using proton magnetic resonance spectroscopy at 14.1 Tesla. <i>NMR in Biomedicine</i> , 2012, 25, 506-513. | 1.6 | 17 |
| 863 | Vaccinia virus expressing bone morphogenetic protein-4 in novel glioblastoma orthotopic models facilitates enhanced tumor regression and long-term survival. <i>Journal of Translational Medicine</i> , 2013, 11, 155. | 1.8 | 26 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 864 | The mood stabilizer valproate activates human <i>FGF1</i> gene promoter through inhibiting HDAC and GSK3 activities. <i>Journal of Neurochemistry</i> , 2013, 126, 4-18. | 2.1 | 29 |
| 865 | New Advances on Disease Biomarkers and Molecular Targets in Biomedicine. , 2013, , . | | 0 |
| 867 | Cellular Origin of Grade II Gliomas. , 2013, , 75-89. | | 1 |
| 868 | Isolation of tumor spheres and mesenchymal stem-like cells from a single primitive neuroectodermal tumor specimen. <i>Child's Nervous System</i> , 2013, 29, 2229-2239. | 0.6 | 14 |
| 869 | Cancer stem cells, epithelial-mesenchymal transition, and drug resistance in high-grade ovarian serous carcinoma. <i>Human Pathology</i> , 2013, 44, 2373-2384. | 1.1 | 50 |
| 870 | Comparative proteomics of glioma stem cells and differentiated tumor cells identifies S100A9 as a potential therapeutic target. <i>Journal of Cellular Biochemistry</i> , 2013, 114, 2795-2808. | 1.2 | 27 |
| 871 | Impact of Genetic Targets on Cancer Therapy. <i>Advances in Experimental Medicine and Biology</i> , 2013, 779, v-vi. | 0.8 | 1 |
| 872 | Neuronal Cell Culture. <i>Methods in Molecular Biology</i> , 2013, , . | 0.4 | 12 |
| 873 | Inhibition of GSH synthesis potentiates temozolomide-induced bystander effect in glioblastoma. <i>Cancer Letters</i> , 2013, 331, 68-75. | 3.2 | 25 |
| 874 | Interleukin-6 is overexpressed and augments invasiveness of human glioma stem cells in vitro. <i>Clinical and Experimental Metastasis</i> , 2013, 30, 1009-1018. | 1.7 | 17 |
| 875 | Emerging role of cancer stem cells in the biology and treatment of ovarian cancer: basic knowledge and therapeutic possibilities for an innovative approach. <i>Journal of Experimental and Clinical Cancer Research</i> , 2013, 32, 48. | 3.5 | 72 |
| 876 | Emerging Concepts in Neuro-Oncology. , 2013, , . | | 0 |
| 877 | Stem Cells and Cancer Stem Cells, Volume 10. , 2013, , . | | 0 |
| 878 | Lung cancer-initiating cells: a novel target for cancer therapy. <i>Targeted Oncology</i> , 2013, 8, 159-172. | 1.7 | 25 |
| 879 | Therapeutic vaccination against autologous cancer stem cells with mRNA-transfected dendritic cells in patients with glioblastoma. <i>Cancer Immunology, Immunotherapy</i> , 2013, 62, 1499-1509. | 2.0 | 236 |
| 880 | Brain tumor initiating cells adapt to restricted nutrition through preferential glucose uptake. <i>Nature Neuroscience</i> , 2013, 16, 1373-1382. | 7.1 | 408 |
| 881 | Cancer stem cell contribution to glioblastoma invasiveness. <i>Stem Cell Research and Therapy</i> , 2013, 4, 18. | 2.4 | 100 |
| 882 | Hypoxia and oxygenation induce a metabolic switch between pentose phosphate pathway and glycolysis in glioma stem-like cells. <i>Acta Neuropathologica</i> , 2013, 126, 763-780. | 3.9 | 106 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 883 | Neurospheres and Glial Cell Cultures: Immunocytochemistry for Cell Phenotyping. <i>Methods in Molecular Biology</i> , 2013, 1078, 119-132. | 0.4 | 7 |
| 884 | Transcriptional Differences between Normal and Glioma-Derived Glial Progenitor Cells Identify a Core Set of Dysregulated Genes. <i>Cell Reports</i> , 2013, 3, 2127-2141. | 2.9 | 70 |
| 885 | An Aberrant Transcription Factor Network Essential for Wnt Signaling and Stem Cell Maintenance in Glioblastoma. <i>Cell Reports</i> , 2013, 3, 1567-1579. | 2.9 | 236 |
| 886 | The <i>MET</i> Oncogene in Glioblastoma Stem Cells: Implications as a Diagnostic Marker and a Therapeutic Target. <i>Cancer Research</i> , 2013, 73, 3193-3199. | 0.4 | 56 |
| 887 | Aptamer Identification of Brain Tumor-Initiating Cells. <i>Cancer Research</i> , 2013, 73, 4923-4936. | 0.4 | 57 |
| 888 | Current Understanding on EGFR and Wnt/ β -Catenin Signaling in Glioma and Their Possible Crosstalk. <i>Genes and Cancer</i> , 2013, 4, 427-446. | 0.6 | 124 |
| 889 | Tumorigenic Potential of miR-18A* in Glioma Initiating Cells Requires NOTCH-1 Signaling. <i>Stem Cells</i> , 2013, 31, 1252-1265. | 1.4 | 40 |
| 890 | 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 |
| 891 | Implications of Glioblastoma Stem Cells in Chemoresistance. , 2013, , 435-462. | | 0 |
| 892 | Molecular pathways and potential therapeutic targets in glioblastoma multiforme. <i>Expert Review of Anticancer Therapy</i> , 2013, 13, 1307-1318. | 1.1 | 5 |
| 893 | Na ⁺ /K ⁺ -ATPase α 2-subunit (AMOG) expression abrogates invasion of glioblastoma-derived brain tumor-initiating cells. <i>Neuro-Oncology</i> , 2013, 15, 1518-1531. | 0.6 | 30 |
| 894 | Temozolomide downregulates P-glycoprotein expression in glioblastoma stem cells by interfering with the Wnt3a/glycogen synthase-3 kinase/ β -catenin pathway. <i>Neuro-Oncology</i> , 2013, 15, 1502-1517. | 0.6 | 64 |
| 895 | Glioblastoma Multiforme Therapy and Mechanisms of Resistance. <i>Pharmaceuticals</i> , 2013, 6, 1475-1506. | 1.7 | 229 |
| 896 | Glypican 1 Stimulates S Phase Entry and DNA Replication in Human Glioma Cells and Normal Astrocytes. <i>Molecular and Cellular Biology</i> , 2013, 33, 4408-4421. | 1.1 | 17 |
| 897 | Isolation and Characterization of Potential Cancer Stem Cells from Solid Human Tumors—Potential Applications. <i>Current Protocols in Pharmacology</i> , 2013, 63, Unit 14.28.. | 4.0 | 26 |
| 898 | Cathepsin B and uPAR regulate self-renewal of glioma-initiating cells through GLI-regulated Sox2 and Bmi1 expression. <i>Carcinogenesis</i> , 2013, 34, 550-559. | 1.3 | 50 |
| 899 | Transcription factors FOXG1 and Groucho/TLE promote glioblastoma growth. <i>Nature Communications</i> , 2013, 4, 2956. | 5.8 | 56 |
| 900 | The Fruits of <i>Maclura pomifera</i> Extracts Inhibits Glioma Stem-Like Cell Growth and Invasion. <i>Neurochemical Research</i> , 2013, 38, 2105-2113. | 1.6 | 22 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 901 | Implication of tumor stem-like cells in the tumorigenesis of sporadic paraganglioma. <i>Medical Oncology</i> , 2013, 30, 659. | 1.2 | 3 |
| 902 | MicroRNA-107 Inhibits U87 Glioma Stem Cells Growth and Invasion. <i>Cellular and Molecular Neurobiology</i> , 2013, 33, 651-657. | 1.7 | 43 |
| 903 | Inhibition of tumor formation and redirected differentiation of glioblastoma cells in a xenotypic embryonic environment. <i>Developmental Dynamics</i> , 2013, 242, 1078-1093. | 0.8 | 13 |
| 904 | Therapy targets in glioblastoma and cancer stem cells: lessons from haematopoietic neoplasms. <i>Journal of Cellular and Molecular Medicine</i> , 2013, 17, 1218-1235. | 1.6 | 49 |
| 905 | Fatty acid binding protein 7 as a marker of glioma stem cells. <i>Pathology International</i> , 2013, 63, 546-553. | 0.6 | 35 |
| 906 | Heterogeneous reovirus susceptibility in human glioblastoma stem-like cell cultures. <i>Cancer Gene Therapy</i> , 2013, 20, 507-513. | 2.2 | 25 |
| 907 | Treating brain tumor-initiating cells using a combination of myxoma virus and rapamycin. <i>Neuro-Oncology</i> , 2013, 15, 904-920. | 0.6 | 44 |
| 908 | Chondroitin Sulfate Proteoglycans Potently Inhibit Invasion and Serve as a Central Organizer of the Brain Tumor Microenvironment. <i>Journal of Neuroscience</i> , 2013, 33, 15603-15617. | 1.7 | 112 |
| 909 | Current and future directions for Phase II trials in high-grade glioma. <i>Expert Review of Neurotherapeutics</i> , 2013, 13, 369-387. | 1.4 | 4 |
| 910 | The ABCG2 transporter is a key molecular determinant of the efficacy of sonodynamic therapy with Photofrin in glioma stem-like cells. <i>Ultrasonics</i> , 2013, 53, 232-238. | 2.1 | 61 |
| 911 | Interleukins in glioblastoma pathophysiology: implications for therapy. <i>British Journal of Pharmacology</i> , 2013, 168, 591-606. | 2.7 | 166 |
| 912 | DNA Repair Mechanisms in Glioblastoma Cancer Stem Cells. , 2013, , 89-103. | | 0 |
| 913 | Deconstructing mTOR complexes in regulation of Glioblastoma Multiforme and its stem cells. <i>Advances in Biological Regulation</i> , 2013, 53, 202-210. | 1.4 | 47 |
| 914 | CD133 Is Essential for Glioblastoma Stem Cell Maintenance. <i>Stem Cells</i> , 2013, 31, 857-869. | 1.4 | 199 |
| 915 | Glioblastoma, a Brief Review of History, Molecular Genetics, Animal Models and Novel Therapeutic Strategies. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2013, 61, 25-41. | 1.0 | 191 |
| 916 | Loss of miR-204 Expression Enhances Glioma Migration and Stem Cell-like Phenotype. <i>Cancer Research</i> , 2013, 73, 990-999. | 0.4 | 134 |
| 917 | Changes in the biological characteristics of glioma cancer stem cells after serial in vivo subtransplantation. <i>Child's Nervous System</i> , 2013, 29, 55-64. | 0.6 | 10 |
| 918 | Isolation of glioma cancer stem cells in relation to histological grades in glioma specimens. <i>Child's Nervous System</i> , 2013, 29, 217-229. | 0.6 | 51 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 919 | Critical multiple angiogenic factors secreted by glioblastoma stem-like cells underline the need for combinatorial anti-angiogenic therapeutic strategies. <i>Proteomics - Clinical Applications</i> , 2013, 7, 79-90. | 0.8 | 7 |
| 920 | In Vivo c-Met Pathway Inhibition Depletes Human Glioma Xenografts of Tumor-Propagating Stem-Like Cells. <i>Translational Oncology</i> , 2013, 6, 104-IN1. | 1.7 | 44 |
| 921 | Marker-independent Method for Isolating Slow-Dividing Cancer Stem Cells in Human Glioblastoma. <i>Neoplasia</i> , 2013, 15, 840-IN39. | 2.3 | 39 |
| 923 | Circulating Tumor Cell Enrichment Based on Physical Properties. <i>Journal of the Association for Laboratory Automation</i> , 2013, 18, 455-468. | 2.8 | 126 |
| 924 | Pancreatic neuroendocrine tumors. <i>Current Problems in Surgery</i> , 2013, 50, 509-545. | 0.6 | 49 |
| 925 | Arsenic trioxide depletes cancer stem-like cells and inhibits repopulation of neurosphere derived from glioblastoma by downregulation of Notch pathway. <i>Toxicology Letters</i> , 2013, 220, 61-69. | 0.4 | 38 |
| 926 | Surgical resection of malignant gliomas' role in optimizing patient outcome. <i>Nature Reviews Neurology</i> , 2013, 9, 141-151. | 4.9 | 133 |
| 927 | <scp>LGR5</scp> is a Marker of Poor Prognosis in Glioblastoma and is Required for Survival of Brain Cancer Stem-Like Cells. <i>Brain Pathology</i> , 2013, 23, 60-72. | 2.1 | 80 |
| 928 | Impact of Genetic Targets on Primary Brain Tumor Therapy: What's Ready for Prime Time?. <i>Advances in Experimental Medicine and Biology</i> , 2013, 779, 267-289. | 0.8 | 11 |
| 929 | Copper induces cellular senescence in human glioblastoma multiforme cells through downregulation of Bmi-1. <i>Oncology Reports</i> , 2013, 29, 1805-1810. | 1.2 | 31 |
| 930 | Increased in vivo angiogenic effect of glioma stromal mesenchymal stem-like cells on glioma cancer stem cells from patients with glioblastoma. <i>International Journal of Oncology</i> , 2013, 42, 1754-1762. | 1.4 | 30 |
| 931 | A Distinct Reactive Oxygen Species Profile Confers Chemoresistance in Glioma-Propagating Cells and Associates with Patient Survival Outcome. <i>Antioxidants and Redox Signaling</i> , 2013, 19, 2261-2279. | 2.5 | 25 |
| 932 | In Vitro Models of Brain Cancer. , 2013, , 75-86. | | 0 |
| 933 | The good, the bad and the ugly: Epigenetic mechanisms in glioblastoma. <i>Molecular Aspects of Medicine</i> , 2013, 34, 849-862. | 2.7 | 46 |
| 934 | STAT Signaling in Glioma Cells. <i>Advances in Experimental Medicine and Biology</i> , 2013, 986, 189-208. | 0.8 | 42 |
| 935 | The Neurosphere Assay Applied to Neural Stem Cells and Cancer Stem Cells. <i>Methods in Molecular Biology</i> , 2013, 986, 267-277. | 0.4 | 15 |
| 936 | The cancer stem cell niche(s): The crosstalk between glioma stem cells and their microenvironment. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 2496-2508. | 1.1 | 140 |
| 937 | Stem Cells and Brain Cancer. , 2013, , 61-71. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 938 | Therapeutic strategies targeting cancer stem cells. <i>Cancer Biology and Therapy</i> , 2013, 14, 295-303. | 1.5 | 65 |
| 939 | Oncogenic effects of miR-10b in glioblastoma stem cells. <i>Journal of Neuro-Oncology</i> , 2013, 112, 153-163. | 1.4 | 151 |
| 940 | Role of microRNAs in mechanisms of glioblastoma resistance to radio- and chemotherapy. <i>Biochemistry (Moscow)</i> , 2013, 78, 325-334. | 0.7 | 20 |
| 941 | Human Low-Grade Glioma Cultures. , 2013, , 137-163. | | 3 |
| 942 | Understanding glioma stem cells: rationale, clinical relevance and therapeutic strategies. <i>Expert Review of Neurotherapeutics</i> , 2013, 13, 545-555. | 1.4 | 75 |
| 943 | Melatonin-induced methylation of the ABCG2/BCRP promoter as a novel mechanism to overcome multidrug resistance in brain tumour stem cells. <i>British Journal of Cancer</i> , 2013, 108, 2005-2012. | 2.9 | 108 |
| 944 | The Hematopoietic Stem Cell Regulatory Gene Latexin Has Tumor-Suppressive Properties in Malignant Melanoma. <i>Journal of Investigative Dermatology</i> , 2013, 133, 1827-1833. | 0.3 | 26 |
| 945 | Effect of the STAT3 inhibitor STX-0119 on the proliferation of cancer stem-like cells derived from recurrent glioblastoma. <i>International Journal of Oncology</i> , 2013, 43, 219-227. | 1.4 | 90 |
| 946 | Phosphorylation of EZH2 Activates STAT3 Signaling via STAT3 Methylation and Promotes Tumorigenicity of Glioblastoma Stem-like Cells. <i>Cancer Cell</i> , 2013, 23, 839-852. | 7.7 | 665 |
| 947 | Metformin selectively affects human glioblastoma tumor-initiating cell viability. <i>Cell Cycle</i> , 2013, 12, 145-156. | 1.3 | 154 |
| 948 | A Minority Subpopulation of CD ¹³³ ⁺ EGFR ^{vIII} ⁺ EGFR ^{Δ²⁷} Cells Acquires Stemness and Contributes to Gefitinib Resistance. <i>CNS Neuroscience and Therapeutics</i> , 2013, 19, 494-502. | 1.9 | 19 |
| 949 | Increased Subventricular Zone Radiation Dose Correlates With Survival in Glioblastoma Patients After Gross Total Resection. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 86, 616-622. | 0.4 | 121 |
| 952 | Glioblastoma cancer stem cells – From concept to clinical application. <i>Cancer Letters</i> , 2013, 338, 32-40. | 3.2 | 67 |
| 953 | Cancer Stem Cells. , 2013, , 163-188. | | 0 |
| 954 | Isolation and Characterization of Cancer Stem Cells from Dog Glioblastoma. , 2013, , 219-228. | | 0 |
| 955 | EphA3 Maintains Tumorigenicity and Is a Therapeutic Target in Glioblastoma Multiforme. <i>Cancer Cell</i> , 2013, 23, 238-248. | 7.7 | 193 |
| 956 | Current understanding of the role and targeting of tumor suppressor p53 in glioblastoma multiforme. <i>Tumor Biology</i> , 2013, 34, 2063-2074. | 0.8 | 112 |
| 957 | The role of the CXCR4 cell surface chemokine receptor in glioma biology. <i>Journal of Neuro-Oncology</i> , 2013, 113, 153-162. | 1.4 | 28 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 958 | Boron neutron capture therapy induces cell cycle arrest and cell apoptosis of glioma stem/progenitor cells in vitro. <i>Radiation Oncology</i> , 2013, 8, 195. | 1.2 | 30 |
| 959 | Glioblastoma Tumor Initiating Cells: Therapeutic Strategies Targeting Apoptosis and MicroRNA Pathways. <i>Current Molecular Medicine</i> , 2013, 13, 352-357. | 0.6 | 12 |
| 960 | Cancer stem cells: moving past the controversy. <i>CNS Oncology</i> , 2013, 2, 465-467. | 1.2 | 15 |
| 961 | Upregulation of DLX2 Confers a Poor Prognosis in Glioblastoma Patients by Inducing a Proliferative Phenotype. <i>Current Molecular Medicine</i> , 2013, 13, 438-445. | 0.6 | 13 |
| 962 | Gene Signatures Distinguish Stage-Specific Prostate Cancer Stem Cells Isolated From Transgenic Adenocarcinoma of the Mouse Prostate Lesions and Predict the Malignancy of Human Tumors. <i>Stem Cells Translational Medicine</i> , 2013, 2, 678-689. | 1.6 | 20 |
| 963 | Human NK Cells Selective Targeting of Colon Cancerâ€™Initiating Cells: A Role for Natural Cytotoxicity Receptors and MHC Class I Molecules. <i>Journal of Immunology</i> , 2013, 190, 2381-2390. | 0.4 | 224 |
| 964 | Relationship of glioblastoma multiforme to the subventricular zone is associated with survival. <i>Neuro-Oncology</i> , 2013, 15, 91-96. | 0.6 | 166 |
| 965 | Inhibition of DYRK1A destabilizes EGFR and reduces EGFR-dependent glioblastoma growth. <i>Journal of Clinical Investigation</i> , 2013, 123, 2475-2487. | 3.9 | 110 |
| 966 | Identification of CD90 as a marker for lung cancer stem cells in A549 and H446 cell lines. <i>Oncology Reports</i> , 2013, 30, 2733-2740. | 1.2 | 69 |
| 967 | Nanofiber-mediated inhibition of focal adhesion kinase sensitizes glioma stemlike cells to epidermal growth factor receptor inhibition. <i>Neuro-Oncology</i> , 2013, 15, 319-329. | 0.6 | 33 |
| 968 | Targeting Metabolism to Induce Cell Death in Cancer Cells and Cancer Stem Cells. <i>International Journal of Cell Biology</i> , 2013, 2013, 1-13. | 1.0 | 57 |
| 969 | Targeting cancer stem cells: emerging role of Nanog transcription factor. <i>OncoTargets and Therapy</i> , 2013, 6, 1207. | 1.0 | 108 |
| 970 | Biological and clinical implications of cancer stem cells in primary brain tumors. <i>Frontiers in Oncology</i> , 2013, 3, 6. | 1.3 | 12 |
| 971 | Functional Role of CLIC1 Ion Channel in Glioblastoma-Derived Stem/Progenitor Cells. <i>Journal of the National Cancer Institute</i> , 2013, 105, 1644-1655. | 3.0 | 76 |
| 972 | Ionizing Radiation in Glioblastoma Initiating Cells. <i>Frontiers in Oncology</i> , 2013, 3, 74. | 1.3 | 27 |
| 973 | Role of the Microenvironment in Ovarian Cancer Stem Cell Maintenance. <i>BioMed Research International</i> , 2013, 2013, 1-10. | 0.9 | 28 |
| 974 | Serum-free culture success of glial tumors is related to specific molecular profiles and expression of extracellular matrixâ€™associated gene modules. <i>Neuro-Oncology</i> , 2013, 15, 1684-1695. | 0.6 | 55 |
| 975 | The in-vitro spheroid culture induces a more highly differentiated but tumorigenic population from melanoma cell lines. <i>Melanoma Research</i> , 2013, 23, 254-263. | 0.6 | 22 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 976 | Level of Notch activation determines the effect on growth and stem cell-like features in glioblastoma multiforme neurosphere cultures. <i>Cancer Biology and Therapy</i> , 2013, 14, 625-637. | 1.5 | 39 |
| 977 | Widespread resetting of DNA methylation in glioblastoma-initiating cells suppresses malignant cellular behavior in a lineage-dependent manner. <i>Genes and Development</i> , 2013, 27, 654-669. | 2.7 | 121 |
| 978 | Cancer-Specific Requirement for BUB1B/BUBR1 in Human Brain Tumor Isolates and Genetically Transformed Cells. <i>Cancer Discovery</i> , 2013, 3, 198-211. | 7.7 | 78 |
| 979 | A Tumorigenic MLL-Homeobox Network in Human Glioblastoma Stem Cells. <i>Cancer Research</i> , 2013, 73, 417-427. | 0.4 | 77 |
| 980 | Genome-wide RNAi screens in human brain tumor isolates reveal a novel viability requirement for PHF5A. <i>Genes and Development</i> , 2013, 27, 1032-1045. | 2.7 | 114 |
| 981 | Oligodendrocyte/Type-2 Astrocyte Progenitor Cells and Glial-Restricted Precursor Cells Generate Different Tumor Phenotypes in Response to the Identical Oncogenes. <i>Journal of Neuroscience</i> , 2013, 33, 16805-16817. | 1.7 | 10 |
| 982 | 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 |
| 983 | Prolonged Inhibition of Glioblastoma Xenograft Initiation and Clonogenic Growth following <i>In Vivo</i> Notch Blockade. <i>Clinical Cancer Research</i> , 2013, 19, 3224-3233. | 3.2 | 48 |
| 984 | Fractionated radiation-induced nitric oxide promotes expansion of glioma stem-like cells. <i>Cancer Science</i> , 2013, 104, 1172-1177. | 1.7 | 41 |
| 985 | Highly penetrative, drug-loaded nanocarriers improve treatment of glioblastoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 11751-11756. | 3.3 | 222 |
| 986 | JAK-STAT Signaling in Stem Cells. <i>Advances in Experimental Medicine and Biology</i> , 2013, 786, 247-267. | 0.8 | 46 |
| 987 | The regulation of mitochondrial DNA copy number in glioblastoma cells. <i>Cell Death and Differentiation</i> , 2013, 20, 1644-1653. | 5.0 | 110 |
| 988 | Prostate cancer stem cells are targets of both innate and adaptive immunity and elicit tumor-specific immune responses. <i>Oncolmmunology</i> , 2013, 2, e24520. | 2.1 | 38 |
| 989 | Cancer Stem Cells. , 2013, , 1-22. | | 1 |
| 990 | Glioblastoma Multiforme: Relationship to Subventricular Zone and Recurrence. <i>Neuroradiology Journal</i> , 2013, 26, 542-547. | 0.6 | 18 |
| 991 | Glioma Spheroids Obtained via Ultrasonic Aspiration Are Viable and Express Stem Cell Markers. <i>Neurosurgery</i> , 2013, 73, 868-886. | 0.6 | 21 |
| 992 | Deregulated MicroRNAs Identified in Isolated Glioblastoma Stem Cells: An Overview. <i>Cell Transplantation</i> , 2013, 22, 741-753. | 1.2 | 12 |
| 993 | Human Glioma-Initiating Cells Show a Distinct Immature Phenotype Resembling but Not Identical to NG2 Glia. <i>Journal of Neuropathology and Experimental Neurology</i> , 2013, 72, 307-324. | 0.9 | 21 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 994 | OCT4 is epigenetically regulated by DNA hypomethylation of promoter and exon in primary gliomas. <i>Oncology Reports</i> , 2013, 30, 201-206. | 1.2 | 19 |
| 995 | Targeting cancer stem cells in glioblastoma multiforme using mTOR inhibitors and the differentiating agent all-trans retinoic acid. <i>Oncology Reports</i> , 2013, 30, 1645-1650. | 1.2 | 42 |
| 996 | miR-138: a prosurvival oncomiR for glioma stem cells and its therapeutic implications. <i>Future Neurology</i> , 2013, 8, 119-121. | 0.9 | 2 |
| 997 | Hes3 regulates cell number in cultures from glioblastoma multiforme with stem cell characteristics. <i>Scientific Reports</i> , 2013, 3, 1095. | 1.6 | 32 |
| 998 | Implantation of GL261 neurospheres into C57/BL6 mice: A more reliable syngeneic graft model for research on glioma-initiating cells. <i>International Journal of Oncology</i> , 2013, 43, 477-484. | 1.4 | 15 |
| 999 | Biological characteristics of CD133+ cells in nasopharyngeal carcinoma. <i>Oncology Reports</i> , 2013, 30, 57-63. | 1.2 | 24 |
| 1000 | Identification of U251 glioma stem cells and their heterogeneous stem-like phenotypes. <i>Oncology Letters</i> , 2013, 6, 1649-1655. | 0.8 | 18 |
| 1001 | Anti-cancer Therapies in High Grade Gliomas. <i>Current Proteomics</i> , 2013, 10, 246-260. | 0.1 | 28 |
| 1002 | Oncogenic and Anti-Oncogenic Effects of Transient Receptor Potential Channels. <i>Current Topics in Medicinal Chemistry</i> , 2013, 13, 344-366. | 1.0 | 33 |
| 1003 | Enrichment of Prostate Cancer Stem-Like Cells from Human Prostate Cancer Cell Lines by Culture in Serum-Free Medium and Chemoradiotherapy. <i>International Journal of Biological Sciences</i> , 2013, 9, 472-479. | 2.6 | 64 |
| 1004 | Pituitary Stem/Progenitor Cells: Their Enigmatic Roles in Embryogenesis and Pituitary Neoplasia - A Review Article. <i>Journal of Neurological Disorders</i> , 2013, 02, . | 0.1 | 0 |
| 1005 | Molecular Culprits Generating Brain Tumor Stem Cells. <i>Brain Tumor Research and Treatment</i> , 2013, 1, 9. | 0.4 | 5 |
| 1006 | Astrocytes Enhance the Invasion Potential of Glioblastoma Stem-Like Cells. <i>PLoS ONE</i> , 2013, 8, e54752. | 1.1 | 97 |
| 1007 | Differential Expression of ID4 and Its Association with TP53 Mutation, SOX2, SOX4 and OCT-4 Expression Levels. <i>PLoS ONE</i> , 2013, 8, e61605. | 1.1 | 18 |
| 1008 | A High-Content Small Molecule Screen Identifies Sensitivity of Glioblastoma Stem Cells to Inhibition of Polo-Like Kinase 1. <i>PLoS ONE</i> , 2013, 8, e77053. | 1.1 | 53 |
| 1009 | Involvement of miRNAs in the Differentiation of Human Glioblastoma Multiforme Stem-Like Cells. <i>PLoS ONE</i> , 2013, 8, e77098. | 1.1 | 64 |
| 1010 | Protective Properties of Radio-Chemoresistant Glioblastoma Stem Cell Clones Are Associated with Metabolic Adaptation to Reduced Glucose Dependence. <i>PLoS ONE</i> , 2013, 8, e80397. | 1.1 | 48 |
| 1011 | microRNA-100 Targets SMRT/NCOR2, Reduces Proliferation, and Improves Survival in Glioblastoma Animal Models. <i>PLoS ONE</i> , 2013, 8, e80865. | 1.1 | 47 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1012 | Chemotherapy Sensitizes Colon Cancer Initiating Cells to VÎ³9VÎ² T Cell-Mediated Cytotoxicity. PLoS ONE, 2013, 8, e65145. | 1.1 | 41 |
| 1013 | Extracellular Sphingosine-1-Phosphate: A Novel Actor in Human Glioblastoma Stem Cell Survival. PLoS ONE, 2013, 8, e68229. | 1.1 | 42 |
| 1014 | VEGF in Tumor Progression and Targeted Therapy. Current Cancer Drug Targets, 2013, 13, 423-443. | 0.8 | 70 |
| 1015 | Pyruvate Dehydrogenase Kinase as a Potential Therapeutic Target for Malignant Gliomas. Brain Tumor Research and Treatment, 2013, 1, 57. | 0.4 | 45 |
| 1016 | The adaptive significance of adult neurogenesis: an integrative approach. Frontiers in Neuroanatomy, 2013, 7, 21. | 0.9 | 19 |
| 1017 | Pediatric glioma stem cells: biologic strategies for oncolytic HSV virotherapy. Frontiers in Oncology, 2013, 3, 28. | 1.3 | 11 |
| 1018 | Glioblastoma-Initiating Cells: Relationship with Neural Stem Cells and the Micro-Environment. Cancers, 2013, 5, 1049-1071. | 1.7 | 71 |
| 1019 | Brain Tumor Stemness. , 2013, , . | | 0 |
| 1020 | MicroRNAs Regulated Brain Tumor Cell Phenotype and Their Therapeutic Potential. , 2013, , . | | 0 |
| 1021 | Overview of Mechanisms of Cancer Stem Cell Drug Resistance. Current Signal Transduction Therapy, 2014, 8, 180-192. | 0.3 | 2 |
| 1022 | On the Genesis of Neuroblastoma and Glioma. International Journal of Brain Science, 2014, 2014, 1-14. | 0.6 | 10 |
| 1023 | Investigating Molecular Profiles of Ovarian Cancer: An Update on Cancer Stem Cells. Journal of Cancer, 2014, 5, 301-310. | 1.2 | 39 |
| 1024 | Enhanced Antitumor Efficacy of an Oncolytic Herpes Simplex Virus Expressing an Endostatinâ€“Angiostatin Fusion Gene in Human Glioblastoma Stem Cell Xenografts. PLoS ONE, 2014, 9, e95872. | 1.1 | 27 |
| 1025 | Response-Predictive Gene Expression Profiling of Glioma Progenitor Cells In Vitro. PLoS ONE, 2014, 9, e108632. | 1.1 | 14 |
| 1026 | Transcriptional Profiling of Adult Neural Stem-Like Cells from the Human Brain. PLoS ONE, 2014, 9, e114739. | 1.1 | 15 |
| 1027 | The taxonomy of brain cancer stem cells: what's in a name?. Oncoscience, 2014, 1, 241-247. | 0.9 | 3 |
| 1028 | The PGI-KLF4 pathway regulates self-renewal of glioma stem cells residing in the mesenchymal niches in human gliomas. Neoplasma, 2014, 61, 401-410. | 0.7 | 22 |
| 1029 | In vitro Analysis of Neurospheres Derived from Glioblastoma Primary Culture: A Novel Methodology Paradigm. Frontiers in Neurology, 2014, 4, 214. | 1.1 | 26 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1030 | Prognostic and Predictive Biomarkers in Adult and Pediatric Gliomas: Toward Personalized Treatment. <i>Frontiers in Oncology</i> , 2014, 4, 47. | 1.3 | 36 |
| 1031 | The STAT3-Ser/Hes3 signaling axis in cancer. <i>Frontiers in Bioscience - Landmark</i> , 2014, 19, 718. | 3.0 | 6 |
| 1032 | Characterization of Cancer Stem-Like Cells Derived from Mouse Induced Pluripotent Stem Cells Transformed by Tumor-Derived Extracellular Vesicles. <i>Journal of Cancer</i> , 2014, 5, 572-584. | 1.2 | 51 |
| 1034 | Targeting glioblastoma cancer stem cells: the next great hope?. <i>Neurosurgical Focus</i> , 2014, 37, E7. | 1.0 | 13 |
| 1035 | The NF κ B inhibitor, SN50, induces differentiation of glioma stem cells and suppresses their oncogenic phenotype. <i>Cancer Biology and Therapy</i> , 2014, 15, 602-611. | 1.5 | 18 |
| 1036 | Inhibition of Notch signaling alters the phenotype of orthotopic tumors formed from glioblastoma multiforme neurosphere cells but does not hamper intracranial tumor growth regardless of endogene Notch pathway signature. <i>Cancer Biology and Therapy</i> , 2014, 15, 862-877. | 1.5 | 9 |
| 1038 | Stem cell niche irradiation in glioblastoma: providing a ray of hope?. <i>CNS Oncology</i> , 2014, 3, 367-376. | 1.2 | 18 |
| 1039 | Silencing BMI1 eliminates tumor formation of pediatric glioma CD133+ cells not by affecting known targets but by down-regulating a novel set of core genes. <i>Acta Neuropathologica Communications</i> , 2014, 2, 160. | 2.4 | 20 |
| 1040 | Reprogramming and Carcinogenesisâ€™ Parallels and Distinctions. <i>International Review of Cell and Molecular Biology</i> , 2014, 308, 167-203. | 1.6 | 48 |
| 1041 | Neural Stem Cells and Glioblastoma. <i>Neuroradiology Journal</i> , 2014, 27, 169-174. | 0.6 | 14 |
| 1042 | Integrin inhibition promotes atypical anoikis in glioma cells. <i>Cell Death and Disease</i> , 2014, 5, e1012-e1012. | 2.7 | 39 |
| 1043 | PARP inhibitors and IR join forces to strike glioblastoma-initiating cells. <i>Cell Death and Differentiation</i> , 2014, 21, 192-193. | 5.0 | 4 |
| 1044 | Epiregulin enhances tumorigenicity by activating the ERK/MAPK pathway in glioblastoma. <i>Neuro-Oncology</i> , 2014, 16, 960-970. | 0.6 | 38 |
| 1045 | Combined PDK1 and CHK1 inhibition is required to kill glioblastoma stem-like cells in vitro and in vivo. <i>Cell Death and Disease</i> , 2014, 5, e1223-e1223. | 2.7 | 57 |
| 1046 | Sialidase NEU4 is involved in glioblastoma stem cell survival. <i>Cell Death and Disease</i> , 2014, 5, e1381-e1381. | 2.7 | 27 |
| 1047 | Differentiation of glioblastoma multiforme stem-like cells leads to downregulation of EGFR and EGFRvIII and decreased tumorigenic and stem-like cell potential. <i>Cancer Biology and Therapy</i> , 2014, 15, 216-224. | 1.5 | 30 |
| 1048 | MC3 Mucoepidermoid carcinoma cell line enriched cancer stem-like cells following chemotherapy. <i>Oncology Letters</i> , 2014, 7, 1569-1575. | 0.8 | 5 |
| 1049 | Enhanced Chemosensitivity by Targeting Nanog in Head and Neck Squamous Cell Carcinomas. <i>International Journal of Molecular Sciences</i> , 2014, 15, 14935-14948. | 1.8 | 27 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1050 | Cancer stem cell: A rogue responsible for tumor development and metastasis. <i>Indian Journal of Cancer</i> , 2014, 51, 282. | 0.2 | 17 |
| 1051 | BMPs as Therapeutic Targets and Biomarkers in Astrocytic Glioma. <i>BioMed Research International</i> , 2014, 2014, 1-8. | 0.9 | 24 |
| 1052 | Adult Neurogenesis and Glial Oncogenesis: When the Process Fails. <i>BioMed Research International</i> , 2014, 2014, 1-10. | 0.9 | 18 |
| 1053 | The role of cancer stem cells in glioblastoma. <i>Neurosurgical Focus</i> , 2014, 37, E6. | 1.0 | 97 |
| 1054 | Kruppel-like Factor-9 (KLF9) Inhibits Glioblastoma Stemness through Global Transcription Repression and Integrin $\alpha 6$ Inhibition. <i>Journal of Biological Chemistry</i> , 2014, 289, 32742-32756. | 1.6 | 67 |
| 1055 | Extrachromosomal driver mutations in glioblastoma and low-grade glioma. <i>Nature Communications</i> , 2014, 5, 5690. | 5.8 | 74 |
| 1056 | Cool-1-Mediated Inhibition of c-Cbl Modulates Multiple Critical Properties of Glioblastomas, Including the Ability to Generate Tumors In Vivo. <i>Stem Cells</i> , 2014, 32, 1124-1135. | 1.4 | 11 |
| 1057 | USP11 regulates PML stability to control Notch-induced malignancy in brain tumours. <i>Nature Communications</i> , 2014, 5, 3214. | 5.8 | 83 |
| 1058 | In Vivo Modeling of Malignant Glioma. <i>Advances in Cancer Research</i> , 2014, 121, 261-330. | 1.9 | 21 |
| 1059 | The identification of mitochondrial DNA variants in glioblastoma multiforme. <i>Acta Neuropathologica Communications</i> , 2014, 2, 1. | 2.4 | 143 |
| 1060 | Emerging Roles for Platelets in Inflammation and Disease. <i>Journal of Infectious Disease and Therapy</i> , 2014, 02, . | 0.1 | 12 |
| 1061 | Glioblastoma stem-like cells: approaches for isolation and characterization. <i>Journal of Cancer Stem Cell Research</i> , 2014, 1, 1. | 1.1 | 12 |
| 1062 | Angiopep-2-conjugated liposomes encapsulating β -secretase inhibitor for targeting glioblastoma stem cells. <i>Journal of Pharmaceutical Investigation</i> , 2014, 44, 473-483. | 2.7 | 8 |
| 1063 | How Stemlike Are Sphere Cultures From Long-term Cancer Cell Lines? Lessons From Mouse Glioma Models. <i>Journal of Neuropathology and Experimental Neurology</i> , 2014, 73, 1062-1077. | 0.9 | 15 |
| 1064 | Matrix Regulation of Tumor-Initiating Cells. <i>Progress in Molecular Biology and Translational Science</i> , 2014, 126, 243-256. | 0.9 | 5 |
| 1065 | MicroRNA142-3p Promotes Tumor-Initiating and Radioresistant Properties in Malignant Pediatric Brain Tumors. <i>Cell Transplantation</i> , 2014, 23, 669-690. | 1.2 | 30 |
| 1066 | Endogenous Stem Cell-Based Brain Remodeling in Mammals. <i>Pancreatic Islet Biology</i> , 2014, , . | 0.1 | 0 |
| 1067 | Scal+ murine pituitary adenoma cells show tumor-growth advantage. <i>Endocrine-Related Cancer</i> , 2014, 21, 203-216. | 1.6 | 23 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1068 | Links Between Injury-Induced Brain Remodeling and Oncogenesis. <i>Pancreatic Islet Biology</i> , 2014, , 199-226. | 0.1 | 0 |
| 1069 | Loss of TRPV2 Homeostatic Control of Cell Proliferation Drives Tumor Progression. <i>Cells</i> , 2014, 3, 112-128. | 1.8 | 48 |
| 1070 | Altered gene products involved in the malignant reprogramming of cancer stem/progenitor cells and multitargeted therapies. <i>Molecular Aspects of Medicine</i> , 2014, 39, 3-32. | 2.7 | 46 |
| 1071 | Inhibition of monocarboxylate transporter-4 depletes stem-like glioblastoma cells and inhibits HIF transcriptional response in a lactate-independent manner. <i>Oncogene</i> , 2014, 33, 4433-4441. | 2.6 | 60 |
| 1072 | The pleiotrophin-ALK axis is required for tumorigenicity of glioblastoma stem cells. <i>Oncogene</i> , 2014, 33, 2236-2244. | 2.6 | 34 |
| 1073 | Brain tumor-targeted drug delivery strategies. <i>Acta Pharmaceutica Sinica B</i> , 2014, 4, 193-201. | 5.7 | 165 |
| 1074 | BuGZ Is Required for Bub3 Stability, Bub1 Kinetochore Function, and Chromosome Alignment. <i>Developmental Cell</i> , 2014, 28, 282-294. | 3.1 | 64 |
| 1075 | Implantable controlled release devices for BMP-7 delivery and suppression of glioblastoma initiating cells. <i>Biomaterials</i> , 2014, 35, 2859-2867. | 5.7 | 36 |
| 1076 | Brain tumor stem cells: Molecular characteristics and their impact on therapy. <i>Molecular Aspects of Medicine</i> , 2014, 39, 82-101. | 2.7 | 164 |
| 1077 | Heterogeneous phenotype of human glioblastoma: <i>in vitro</i> study. <i>Cell Biochemistry and Function</i> , 2014, 32, 164-176. | 1.4 | 11 |
| 1078 | 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 |
| 1079 | The role of CXCR4 in highly malignant human gliomas biology: Current knowledge and future directions. <i>Glia</i> , 2014, 62, 1015-1023. | 2.5 | 53 |
| 1080 | Glioma stem cells: turpis omen in nomen? (the evil in the name?). <i>Journal of Internal Medicine</i> , 2014, 276, 25-40. | 2.7 | 19 |
| 1081 | Breast cancer stem cells: Multiple capacities in tumor metastasis. <i>Cancer Letters</i> , 2014, 349, 1-7. | 3.2 | 156 |
| 1082 | Thymosin beta 4 gene silencing decreases stemness and invasiveness in glioblastoma. <i>Brain</i> , 2014, 137, 433-448. | 3.7 | 44 |
| 1083 | Cancer Stem Cells Under Hypoxia as a Chemoresistance Factor in the Breast and Brain. <i>Current Pathobiology Reports</i> , 2014, 2, 33-40. | 1.6 | 45 |
| 1084 | Novel anti-glioblastoma agents and therapeutic combinations identified from a collection of FDA approved drugs. <i>Journal of Translational Medicine</i> , 2014, 12, 13. | 1.8 | 87 |
| 1085 | Inhibitory Activities of Trichostatin A in U87 Glioblastoma Cells and Tumorsphere-Derived Cells. <i>Journal of Molecular Neuroscience</i> , 2014, 54, 27-40. | 1.1 | 14 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1086 | Smac mimetic promotes glioblastoma cancer stem-like cell differentiation by activating NF- κ B. <i>Cell Death and Differentiation</i> , 2014, 21, 735-747. | 5.0 | 44 |
| 1087 | Molecular Biomarkers of Cancer Stem/Progenitor Cells Associated with Progression, Metastases, and Treatment Resistance of Aggressive Cancers. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2014, 23, 234-254. | 1.1 | 74 |
| 1088 | Glioma-Associated Stem Cells: A Novel Class of Tumor-Supporting Cells Able to Predict Prognosis of Human Low-Grade Gliomas. <i>Stem Cells</i> , 2014, 32, 1239-1253. | 1.4 | 80 |
| 1089 | ¹ H NMR detects different metabolic profiles in glioblastoma stem-like cells. <i>NMR in Biomedicine</i> , 2014, 27, 129-145. | 1.6 | 24 |
| 1090 | Hif-1 α and Hif-2 α differentially regulate Notch signaling through competitive interaction with the intracellular domain of Notch receptors in glioma stem cells. <i>Cancer Letters</i> , 2014, 349, 67-76. | 3.2 | 67 |
| 1091 | Using the molecular classification of glioblastoma to inform personalized treatment. <i>Journal of Pathology</i> , 2014, 232, 165-177. | 2.1 | 214 |
| 1092 | Downregulation of SCA1 enhances glioma cell invasion and stem cell like phenotype by activating Wnt/ β -catenin signaling. <i>Biochemical and Biophysical Research Communications</i> , 2014, 448, 206-211. | 1.0 | 37 |
| 1093 | The Zinc Finger Transcription Factor ZFX Is Required for Maintaining the Tumorigenic Potential of Glioblastoma Stem Cells. <i>Stem Cells</i> , 2014, 32, 2033-2047. | 1.4 | 47 |
| 1094 | Phage display discovery of novel molecular targets in glioblastoma-initiating cells. <i>Cell Death and Differentiation</i> , 2014, 21, 1325-1339. | 5.0 | 29 |
| 1095 | A mesenchymal glioma stem cell profile is related to clinical outcome. <i>Oncogenesis</i> , 2014, 3, e91-e91. | 2.1 | 54 |
| 1096 | The selective Aurora-A kinase inhibitor MLN8237 (alisertib) potently inhibits proliferation of glioblastoma neurosphere tumor stem-like cells and potentiates the effects of temozolomide and ionizing radiation. <i>Cancer Chemotherapy and Pharmacology</i> , 2014, 73, 983-990. | 1.1 | 36 |
| 1097 | Regulatory Roles of miRNA in the Human Neural Stem Cell Transformation to Glioma Stem Cells. <i>Journal of Cellular Biochemistry</i> , 2014, 115, 1368-1380. | 1.2 | 58 |
| 1098 | PDGF-induced PI3K-mediated signaling enhances the TGF- β -induced osteogenic differentiation of human mesenchymal stem cells in a TGF- β -activated MEK-dependent manner. <i>International Journal of Molecular Medicine</i> , 2014, 33, 534-542. | 1.8 | 35 |
| 1099 | Therapeutic targeting of constitutive PARP activation compromises stem cell phenotype and survival of glioblastoma-initiating cells. <i>Cell Death and Differentiation</i> , 2014, 21, 258-269. | 5.0 | 152 |
| 1100 | Glioma Cell Biology. , 2014, , . | | 3 |
| 1101 | Signaling Cascades Driving the Malignant Phenotype of Glioma Cells. , 2014, , 47-75. | | 2 |
| 1102 | Reprogramming cancer cells to pluripotency. <i>Epigenetics</i> , 2014, 9, 798-802. | 1.3 | 16 |
| 1103 | Glucose-6-phosphatase Is a Key Metabolic Regulator of Glioblastoma Invasion. <i>Molecular Cancer Research</i> , 2014, 12, 1547-1559. | 1.5 | 64 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1104 | Astrocyte Elevated Gene-1 Interacts with Akt Isoform 2 to Control Glioma Growth, Survival, and Pathogenesis. <i>Cancer Research</i> , 2014, 74, 7321-7332. | 0.4 | 56 |
| 1105 | Hyperdiploid tumor cells increase phenotypic heterogeneity within Glioblastoma tumors. <i>Molecular BioSystems</i> , 2014, 10, 741-758. | 2.9 | 26 |
| 1106 | Isolation of Neural Progenitor Cells From the Human Adult Subventricular Zone Based on Expression of the Cell Surface Marker CD271. <i>Stem Cells Translational Medicine</i> , 2014, 3, 470-480. | 1.6 | 38 |
| 1107 | Involvement of autophagy in melatonin-induced cytotoxicity in glioma-initiating cells. <i>Journal of Pineal Research</i> , 2014, 57, 308-316. | 3.4 | 43 |
| 1108 | MiR-152 functions as a tumor suppressor in glioblastoma stem cells by targeting KrÄ¼ppel-like factor 4. <i>Cancer Letters</i> , 2014, 355, 85-95. | 3.2 | 84 |
| 1109 | Dual drugs (microRNA-34a and paclitaxel)-loaded functional solid lipid nanoparticles for synergistic cancer cell suppression. <i>Journal of Controlled Release</i> , 2014, 194, 228-237. | 4.8 | 135 |
| 1110 | Prognosis of ductal adenocarcinoma of pancreatic head with overexpression of CD44. <i>Formosan Journal of Surgery</i> , 2014, 47, 138-144. | 0.1 | 0 |
| 1111 | The Polyamine Catabolic Enzyme SAT1 Modulates Tumorigenesis and Radiation Response in GBM. <i>Cancer Research</i> , 2014, 74, 6925-6934. | 0.4 | 48 |
| 1112 | Molecular Heterogeneity of Glioblastoma and its Clinical Relevance. <i>Pathology and Oncology Research</i> , 2014, 20, 777-787. | 0.9 | 78 |
| 1113 | Integrated Chromosome 19 Transcriptomic and Proteomic Data Sets Derived from Glioma Cancer Stem-Cell Lines. <i>Journal of Proteome Research</i> , 2014, 13, 191-199. | 1.8 | 27 |
| 1114 | Selective Release of a Cycloamine Glucuronide Prodrug toward Stem-like Cancer Cell Inhibition in Glioblastoma. <i>Molecular Cancer Therapeutics</i> , 2014, 13, 2159-2169. | 1.9 | 18 |
| 1115 | Stem Cells and Tissue Repair. <i>Methods in Molecular Biology</i> , 2014, , . | 0.4 | 3 |
| 1116 | p75 Neurotrophin Receptor Cleavage by Î±- and Î³-Secretases Is Required for Neurotrophin-mediated Proliferation of Brain Tumor-initiating Cells. <i>Journal of Biological Chemistry</i> , 2014, 289, 8067-8085. | 1.6 | 57 |
| 1117 | Cancer stem cells and radioresistance. <i>International Journal of Radiation Biology</i> , 2014, 90, 615-621. | 1.0 | 214 |
| 1118 | Cancer stem cell detection and isolation. <i>Medical Oncology</i> , 2014, 31, 69. | 1.2 | 64 |
| 1119 | The mTORC1/mTORC2 inhibitor AZD2014 enhances the radiosensitivity of glioblastoma stem-like cells. <i>Neuro-Oncology</i> , 2014, 16, 29-37. | 0.6 | 81 |
| 1120 | Multiple receptor tyrosine kinases converge on microRNA-134 to control KRAS, STAT5B, and glioblastoma. <i>Cell Death and Differentiation</i> , 2014, 21, 720-734. | 5.0 | 69 |
| 1121 | Inhibition of CXCR7 extends survival following irradiation of brain tumours in mice and rats. <i>British Journal of Cancer</i> , 2014, 110, 1179-1188. | 2.9 | 70 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1122 | Proteomic analysis underlines the usefulness of both primary adherent and stem-like cell lines for studying proteins involved in human glioblastoma. <i>Journal of Proteomics</i> , 2014, 110, 7-19. | 1.2 | 3 |
| 1123 | PTEN expression and function in adult cancer stem cells and prospects for therapeutic targeting. <i>Advances in Biological Regulation</i> , 2014, 56, 66-80. | 1.4 | 77 |
| 1124 | Gingerol sensitizes TRAIL-induced apoptotic cell death of glioblastoma cells. <i>Toxicology and Applied Pharmacology</i> , 2014, 279, 253-265. | 1.3 | 57 |
| 1125 | Stem cell characteristics in glioblastoma are maintained by the ecto-nucleotidase E-NPP1. <i>Cell Death and Differentiation</i> , 2014, 21, 929-940. | 5.0 | 58 |
| 1126 | Aurora-A Inhibition Offers a Novel Therapy Effective against Intracranial Glioblastoma. <i>Cancer Research</i> , 2014, 74, 5364-5370. | 0.4 | 42 |
| 1127 | New Advances of microRNAs in Glioma Stem Cells, With Special Emphasis on Aberrant Methylation of microRNAs. <i>Journal of Cellular Physiology</i> , 2014, 229, 1141-1147. | 2.0 | 21 |
| 1128 | Cells Isolated from Human Glioblastoma Multiforme Express Progesterone-Induced Blocking Factor (PIBF). <i>Cellular and Molecular Neurobiology</i> , 2014, 34, 479-489. | 1.7 | 19 |
| 1129 | microRNA Expression Pattern Modulates Temozolomide Response in GBM Tumors with Cancer Stem Cells. <i>Cellular and Molecular Neurobiology</i> , 2014, 34, 679-692. | 1.7 | 36 |
| 1130 | Mouse glioma immunotherapy mediated by A2B5+ GL261 cell lysate-pulsed dendritic cells. <i>Journal of Neuro-Oncology</i> , 2014, 116, 497-504. | 1.4 | 25 |
| 1131 | Relationship between survival and increased radiation dose to subventricular zone in glioblastoma is controversial. <i>Journal of Neuro-Oncology</i> , 2014, 118, 413-419. | 1.4 | 35 |
| 1132 | Identification of brain tumour initiating cells using the stem cell marker aldehyde dehydrogenase. <i>European Journal of Cancer</i> , 2014, 50, 137-149. | 1.3 | 57 |
| 1133 | Stem Cells in Cancer: Should We Believe or Not?. , 2014, , . | | 2 |
| 1134 | MicroRNAs in cancer: Glioblastoma and glioblastoma cancer stem cells. <i>Neurochemistry International</i> , 2014, 77, 68-77. | 1.9 | 82 |
| 1135 | The Clinical Utility of Biomarkers in the Management of Pancreatic Adenocarcinoma. <i>Seminars in Radiation Oncology</i> , 2014, 24, 67-76. | 1.0 | 13 |
| 1136 | An Epigenetic Biomarker Panel for Glioblastoma Multiforme Personalized Medicine through DNA Methylation Analysis of Human Embryonic Stem Cell-like Signature. <i>OMICS A Journal of Integrative Biology</i> , 2014, 18, 310-323. | 1.0 | 23 |
| 1137 | BMP Signaling Induces Astrocytic Differentiation of Clinically Derived Oligodendroglioma Propagating Cells. <i>Molecular Cancer Research</i> , 2014, 12, 283-294. | 1.5 | 21 |
| 1138 | Pharmacological inhibition of poly(ADP-ribose) polymerase-1 modulates resistance of human glioblastoma stem cells to temozolomide. <i>BMC Cancer</i> , 2014, 14, 151. | 1.1 | 64 |
| 1139 | Lipid metabolism enzyme ACSVL3 supports glioblastoma stem cell maintenance and tumorigenicity. <i>BMC Cancer</i> , 2014, 14, 401. | 1.1 | 41 |

| # | ARTICLE | IF | CITATIONS |
|------|---|------|-----------|
| 1140 | In silico modeling predicts drug sensitivity of patient-derived cancer cells. <i>Journal of Translational Medicine</i> , 2014, 12, 128. | 1.8 | 26 |
| 1141 | Cancer Stem Cells in Brain Tumors. , 2014, , 229-243. | | 1 |
| 1142 | Sox2 Is Required to Maintain Cancer Stem Cells in a Mouse Model of High-Grade Oligodendroglioma. <i>Cancer Research</i> , 2014, 74, 1833-1844. | 0.4 | 84 |
| 1143 | Principles of Surgery for Malignant Astrocytomas. <i>Seminars in Oncology</i> , 2014, 41, 523-531. | 0.8 | 4 |
| 1144 | Brevican knockdown reduces late-stage glioma tumor aggressiveness. <i>Journal of Neuro-Oncology</i> , 2014, 120, 63-72. | 1.4 | 37 |
| 1145 | A critical role of CD29 and CD49f in mediating metastasis for cancer-initiating cells isolated from a Brca1-associated mouse model of breast cancer. <i>Oncogene</i> , 2014, 33, 5477-5482. | 2.6 | 57 |
| 1147 | The role of basic fibroblast growth factor in glioblastoma multiforme and glioblastoma stem cells and in their in vitro culture. <i>Cancer Letters</i> , 2014, 346, 1-5. | 3.2 | 52 |
| 1148 | Sox2 Promotes Malignancy in Glioblastoma by Regulating Plasticity and Astrocytic Differentiation. <i>Neoplasia</i> , 2014, 16, 193-206.e25. | 2.3 | 132 |
| 1149 | Anti-neoplastic activity of low-dose endothelial-monocyte activating polypeptide-II results from defective autophagy and G2/M arrest mediated by PI3K/Akt/FoxO1 axis in human glioblastoma stem cells. <i>Biochemical Pharmacology</i> , 2014, 89, 477-489. | 2.0 | 29 |
| 1150 | HMMR Maintains the Stemness and Tumorigenicity of Glioblastoma Stem-like Cells. <i>Cancer Research</i> , 2014, 74, 3168-3179. | 0.4 | 101 |
| 1151 | KIN enhances stem cell-like properties to promote chemoresistance in colorectal carcinoma. <i>Biochemical and Biophysical Research Communications</i> , 2014, 448, 63-69. | 1.0 | 4 |
| 1152 | Mathematical Modeling of PDGF-Driven Glioblastoma Reveals Optimized Radiation Dosing Schedules. <i>Cell</i> , 2014, 156, 603-616. | 13.5 | 241 |
| 1153 | High-Throughput Flow Cytometry Screening Reveals a Role for Junctional Adhesion Molecule A as a Cancer Stem Cell Maintenance Factor. <i>Cell Reports</i> , 2014, 6, 117-129. | 2.9 | 76 |
| 1154 | The Association of Subventricular Zone Involvement at Recurrence with Survival after Repeat Surgery in Patients with Recurrent Glioblastoma. <i>Neurologia Medico-Chirurgica</i> , 2014, 54, 302-309. | 1.0 | 27 |
| 1155 | Non-coding RNAs as epigenetic regulator of glioma stem-like cell differentiation. <i>Frontiers in Genetics</i> , 2014, 5, 14. | 1.1 | 33 |
| 1156 | Mesenchymal stem cells show little tropism for the resting and differentiated cancer stem cell-like glioma cells. <i>International Journal of Oncology</i> , 2014, 44, 1223-1232. | 1.4 | 11 |
| 1157 | RNAi-mediated knockdown of E2F2 inhibits tumorigenicity of human glioblastoma cells. <i>Oncology Letters</i> , 2014, 8, 1487-1491. | 0.8 | 11 |
| 1158 | Optimization of High Grade Glioma Cell Culture from Surgical Specimens for Use in Clinically Relevant Animal Models and 3D Immunocytochemistry. <i>Journal of Visualized Experiments</i> , 2014, , e51088. | 0.2 | 27 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1161 | Tanshinone IIA inhibits the growth, attenuates the stemness and induces the apoptosis of human glioma stem cells. <i>Oncology Reports</i> , 2014, 32, 1303-1311. | 1.2 | 32 |
| 1162 | Neural stem cells preferentially migrate to glioma stem cells and reduce their stemness phenotypes. <i>International Journal of Oncology</i> , 2014, 45, 1989-1996. | 1.4 | 18 |
| 1163 | Glioblastoma stem cells: new insights in therapeutic strategies. <i>Future Neurology</i> , 2014, 9, 639-653. | 0.9 | 3 |
| 1164 | Downregulation of VEGF expression attenuates malignant biological behavior of C6 glioma stem cells. <i>International Journal of Oncology</i> , 2014, 44, 1581-1588. | 1.4 | 11 |
| 1165 | Isolation and characteristics of CD133 ⁺ /A2B5 ⁺ and CD133 ⁺ /A2B5 ⁻ cells from the SHG139s cell line. <i>Molecular Medicine Reports</i> , 2015, 12, 7949-7956. | 1.1 | 1 |
| 1166 | Combination Treatment with All-Trans Retinoic Acid Prevents Cisplatin-Induced Enrichment of CD133+ Tumor-Initiating Cells and Reveals Heterogeneity of Cancer Stem Cell Compartment in Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2015, 10, 1027-1036. | 0.5 | 42 |
| 1167 | Third Ventricular Glioblastoma Multiforme: Case Report and Literature Review. <i>Journal of Neurological Surgery Reports</i> , 2015, 76, e227-e232. | 0.3 | 10 |
| 1168 | Comparison of low and high grade glioma maps. , 2015, , . | | 0 |
| 1169 | Coculture with astrocytes reduces the radiosensitivity of glioblastoma stem-like cells and identifies additional targets for radiosensitization. <i>Cancer Medicine</i> , 2015, 4, 1705-1716. | 1.3 | 42 |
| 1170 | Dedifferentiation of patient-derived glioblastoma multiforme cell lines results in a cancer stem cell-like state with mitogen-independent growth. <i>Journal of Cellular and Molecular Medicine</i> , 2015, 19, 1262-1272. | 1.6 | 47 |
| 1173 | Elevated Cell Invasion in a Tumor Sphere Culture of RSV-M Mouse Glioma Cells. <i>Neurologia Medico-Chirurgica</i> , 2015, 55, 60-70. | 1.0 | 8 |
| 1174 | Salinomycin inhibits the tumor growth of glioma stem cells by selectively suppressing glioma-initiating cells. <i>Molecular Medicine Reports</i> , 2015, 11, 2407-2412. | 1.1 | 24 |
| 1175 | The proteomic landscape of glioma stem-like cells. <i>EuPA Open Proteomics</i> , 2015, 8, 85-93. | 2.5 | 11 |
| 1176 | Glioblastoma Stem Cells as a New Therapeutic Target for Glioblastoma. <i>Clinical Medicine Insights: Oncology</i> , 2015, 9, CMO.S30271. | 0.6 | 42 |
| 1177 | Bone morphogenetic protein 7 sensitizes O6-methylguanine methyltransferase expressing-glioblastoma stem cells to clinically relevant dose of temozolomide. <i>Molecular Cancer</i> , 2015, 14, 189. | 7.9 | 38 |
| 1178 | The autotaxin-lysophosphatidic acid-lysophosphatidic acid receptor cascade: proposal of a novel potential therapeutic target for treating glioblastoma multiforme. <i>Lipids in Health and Disease</i> , 2015, 14, 56. | 1.2 | 38 |
| 1179 | Maintenance of Stemlike Glioma Cells and Microglia in an Organotypic Glioma Slice Model. <i>Neurosurgery</i> , 2015, 77, 629-643. | 0.6 | 9 |
| 1180 | Intratumor heterogeneity and transcriptional profiling in glioblastoma: translational opportunities. <i>Future Neurology</i> , 2015, 10, 369-381. | 0.9 | 1 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1181 | Inhibition of Neurosphere Formation in Neural Stem/Progenitor Cells by Acrylamide. Cell Transplantation, 2015, 24, 779-796. | 1.2 | 5 |
| 1182 | Synthetic and Biological Studies of Sesquiterpene Polygodial: Activity of 9- β -Epipolygodial against Drug-Resistant Cancer Cells. ChemMedChem, 2015, 10, 2014-2026. | 1.6 | 22 |
| 1184 | Long Non-Coding RNAs: The Key Players in Glioma Pathogenesis. Cancers, 2015, 7, 1406-1424. | 1.7 | 77 |
| 1185 | Targeting Glioma Stem Cells for Therapy: Perspectives and Challenges. Journal of Cell Science & Therapy, 2015, 06, . | 0.3 | 1 |
| 1186 | Neurosphere and adherent culture conditions are equivalent for malignant glioma stem cell lines. Anatomy and Cell Biology, 2015, 48, 25. | 0.5 | 49 |
| 1187 | Cancer Stem Cells: Dynamic Entities in an Ever-Evolving Paradigm. Biology and Medicine (Aligarh), 2015, s2, . | 0.3 | 10 |
| 1188 | Original article Prognostic significance of the markers IDH1 and YKL40 related to the subventricular zone. Folia Neuropathologica, 2015, 1, 52-59. | 0.5 | 20 |
| 1189 | Long Non-Coding RNAs Dysregulation and Function in Glioblastoma Stem Cells. Non-coding RNA, 2015, 1, 69-86. | 1.3 | 17 |
| 1190 | Glioblastoma specific antigens, GD2 and CD90, are not involved in cancer stemness. Anatomy and Cell Biology, 2015, 48, 44. | 0.5 | 17 |
| 1191 | Proportional Upregulation of CD97 Isoforms in Glioblastoma and Glioblastoma-Derived Brain Tumor Initiating Cells. PLoS ONE, 2015, 10, e0111532. | 1.1 | 19 |
| 1192 | ROCK Inhibition Facilitates In Vitro Expansion of Glioblastoma Stem-Like Cells. PLoS ONE, 2015, 10, e0132823. | 1.1 | 31 |
| 1193 | Microenvironmental Modulation of Decorin and Lumican in Temozolomide-Resistant Glioblastoma and Neuroblastoma Cancer Stem-Like Cells. PLoS ONE, 2015, 10, e0134111. | 1.1 | 44 |
| 1194 | Ribosomal Proteins RPS11 and RPS20, Two Stress-Response Markers of Glioblastoma Stem Cells, Are Novel Predictors of Poor Prognosis in Glioblastoma Patients. PLoS ONE, 2015, 10, e0141334. | 1.1 | 52 |
| 1195 | Serum-Induced Differentiation of Glioblastoma Neurospheres Leads to Enhanced Migration/Invasion Capacity That Is Associated with Increased MMP9. PLoS ONE, 2015, 10, e0145393. | 1.1 | 35 |
| 1196 | MicroRNA Regulation of Brain Tumour Initiating Cells in Central Nervous System Tumours. Stem Cells International, 2015, 2015, 1-15. | 1.2 | 20 |
| 1197 | <i>EGFR</i> Amplification and Glioblastoma Stem-Like Cells. Stem Cells International, 2015, 2015, 1-11. | 1.2 | 30 |
| 1198 | Targeting DNA Repair Mechanisms to Treat Glioblastoma. , 0, , . | | 6 |
| 1199 | Combined expressional analysis, bioinformatics and targeted proteomics identify new potential therapeutic targets in glioblastoma stem cells. Oncotarget, 2015, 6, 26192-26215. | 0.8 | 94 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1201 | Immunopathology and Immunotherapy of Central Nervous System Cancer. , 2015, , 333-362. | | 2 |
| 1202 | Cancer stem cells: a potential target for cancer therapy. Cellular and Molecular Life Sciences, 2015, 72, 3411-3424. | 2.4 | 53 |
| 1203 | Molecular subtypes, stem cells and heterogeneity: Implications for personalised therapy in glioma. Journal of Clinical Neuroscience, 2015, 22, 1219-1226. | 0.8 | 41 |
| 1204 | New perspectives in the treatment of adult medulloblastoma in the era of molecular oncology. Critical Reviews in Oncology/Hematology, 2015, 94, 348-359. | 2.0 | 43 |
| 1205 | The role of glioma stem cells in chemotherapy resistance and glioblastoma multiforme recurrence. Expert Review of Neurotherapeutics, 2015, 15, 741-752. | 1.4 | 221 |
| 1206 | Pharmacologic Wnt Inhibition Reduces Proliferation, Survival, and Clonogenicity of Glioblastoma Cells. Journal of Neuropathology and Experimental Neurology, 2015, 74, 889-900. | 0.9 | 54 |
| 1207 | Differentiation of Glioma Stem Cells and Progenitor Cells into Local Host Cell-Like Cells: A Study Based on Choroidcarcinoma Differentiation of Choroid Plexus of GFP Transgenic Nude Mouse. Cancer Biotherapy and Radiopharmaceuticals, 2015, 30, 225-232. | 0.7 | 3 |
| 1208 | CD15 Expression Does Not Identify a Phenotypically or Genetically Distinct Glioblastoma Population. Stem Cells Translational Medicine, 2015, 4, 822-831. | 1.6 | 17 |
| 1209 | The Human Glioblastoma Cell Culture Resource: Validated Cell Models Representing All Molecular Subtypes. EBioMedicine, 2015, 2, 1351-1363. | 2.7 | 228 |
| 1210 | CD133 and BMI1 expressions and its prognostic role in primary glioblastoma. Journal of Genetics, 2015, 94, 689-696. | 0.4 | 4 |
| 1211 | Standardized orthotopic xenografts in zebrafish reveal glioma cell line specific characteristics and tumor cell heterogeneity. DMM Disease Models and Mechanisms, 2015, 9, 199-210. | 1.2 | 42 |
| 1212 | Ursolic acid inhibits the proliferation of human ovarian cancer stem-like cells through epithelial-mesenchymal transition. Oncology Reports, 2015, 34, 2375-2384. | 1.2 | 28 |
| 1213 | Aggressive invasion is observed in CD133 ⁺ /A2B5 ⁺ glioma-initiating cells. Oncology Letters, 2015, 10, 3399-3406. | 0.8 | 15 |
| 1214 | All-trans retinoic acid impairs the vasculogenic mimicry formation ability of U87 stem-like cells through promoting differentiation. Molecular Medicine Reports, 2015, 12, 165-172. | 1.1 | 12 |
| 1215 | Abrogation of radioresistance in glioblastoma stem-like cells by inhibition of ATM kinase. Molecular Oncology, 2015, 9, 192-203. | 2.1 | 108 |
| 1216 | Pediatric Brain Tumor Cell Lines. Journal of Cellular Biochemistry, 2015, 116, 218-224. | 1.2 | 50 |
| 1217 | Identification of OLIG2 as the most specific glioblastoma stem cell marker starting from comparative analysis of data from similar DNA chip microarray platforms. Tumor Biology, 2015, 36, 1943-1953. | 0.8 | 37 |
| 1218 | Genetic and Functional Diversity of Propagating Cells in Glioblastoma. Stem Cell Reports, 2015, 4, 7-15. | 2.3 | 66 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1219 | A niche role for periostin and macrophages in glioblastoma. <i>Nature Cell Biology</i> , 2015, 17, 107-109. | 4.6 | 20 |
| 1220 | Activity of 2-Aryl-2-(3-indolyl)acetohydroxamates against Drug-Resistant Cancer Cells. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 2206-2220. | 2.9 | 46 |
| 1221 | Retinoic acid signaling and neuronal differentiation. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 1559-1576. | 2.4 | 212 |
| 1222 | Control of ciliation in embryogenesis. <i>Nature Cell Biology</i> , 2015, 17, 109-111. | 4.6 | 4 |
| 1223 | Targeting osteopontin suppresses glioblastoma stem-like cell character and tumorigenicity <i>in vivo</i> . <i>International Journal of Cancer</i> , 2015, 137, 1047-1057. | 2.3 | 49 |
| 1224 | Redox biology in normal cells and cancer: Restoring function of the redox/Fyn/c-Cbl pathway in cancer cells offers new approaches to cancer treatment. <i>Free Radical Biology and Medicine</i> , 2015, 79, 300-323. | 1.3 | 15 |
| 1225 | Knockdown of long non-coding RNA XIST exerts tumor-suppressive functions in human glioblastoma stem cells by up-regulating miR-152. <i>Cancer Letters</i> , 2015, 359, 75-86. | 3.2 | 321 |
| 1226 | Single agent efficacy of the VEGFR kinase inhibitor axitinib in preclinical models of glioblastoma. <i>Journal of Neuro-Oncology</i> , 2015, 121, 91-100. | 1.4 | 30 |
| 1227 | Development of a Sox2 reporter system modeling cellular heterogeneity in glioma. <i>Neuro-Oncology</i> , 2015, 17, 361-371. | 0.6 | 22 |
| 1228 | Variations of ITSS Morphology and their Relationship to Location and Tumor Volume in Patients with Glioblastoma. <i>Journal of Neuroimaging</i> , 2015, 25, 1015-1022. | 1.0 | 7 |
| 1230 | Chloride channels in cancer: Focus on chloride intracellular channel 1 and 4 (CLIC1 AND CLIC4) proteins in tumor development and as novel therapeutic targets. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 2523-2531. | 1.4 | 130 |
| 1231 | VEGFR inhibitors upregulate CXCR4 in VEGF receptor-expressing glioblastoma in a TGF β 2R signaling-dependent manner. <i>Cancer Letters</i> , 2015, 360, 60-67. | 3.2 | 39 |
| 1232 | Hypoxia-mediated cancer stem cells in pseudopalisades with activation of hypoxia-inducible factor-1 β /Akt axis in glioblastoma. <i>Human Pathology</i> , 2015, 46, 1496-1505. | 1.1 | 27 |
| 1233 | Identification of Global DNA Methylation Signatures in Glioblastoma-Derived Cancer Stem Cells. <i>Journal of Genetics and Genomics</i> , 2015, 42, 355-371. | 1.7 | 47 |
| 1234 | Chemoresistance and Chemotherapy Targeting Stem-Like Cells in Malignant Glioma. <i>Advances in Experimental Medicine and Biology</i> , 2015, 853, 111-138. | 0.8 | 43 |
| 1235 | Cancer stem cells in glioblastoma. <i>Genes and Development</i> , 2015, 29, 1203-1217. | 2.7 | 1,248 |
| 1236 | Multicentric Low-Grade Gliomas. <i>World Neurosurgery</i> , 2015, 84, 1045-1050. | 0.7 | 5 |
| 1237 | Shogaol overcomes TRAIL resistance in colon cancer cells via inhibiting of survivin. <i>Tumor Biology</i> , 2015, 36, 8819-8829. | 0.8 | 18 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1238 | In vitro screening of clinical drugs identifies sensitizers of oncolytic viral therapy in glioblastoma stem-like cells. <i>Gene Therapy</i> , 2015, 22, 947-959. | 2.3 | 12 |
| 1239 | Differential Connexin Function Enhances Self-Renewal in Glioblastoma. <i>Cell Reports</i> , 2015, 11, 1031-1042. | 2.9 | 100 |
| 1240 | Mouse Low-Grade Gliomas Contain Cancer Stem Cells with Unique Molecular and Functional Properties. <i>Cell Reports</i> , 2015, 10, 1899-1912. | 2.9 | 39 |
| 1241 | Human neural stem cell transplantation in ALS: initial results from a phase I trial. <i>Journal of Translational Medicine</i> , 2015, 13, 17. | 1.8 | 151 |
| 1243 | Radiation Therapy for Glioma Stem Cells. <i>Advances in Experimental Medicine and Biology</i> , 2015, 853, 85-110. | 0.8 | 14 |
| 1244 | Mitochondrial control by DRP1 in brain tumor initiating cells. <i>Nature Neuroscience</i> , 2015, 18, 501-510. | 7.1 | 306 |
| 1245 | Flow-Cytometric Identification and Characterization of Neural Brain Tumor-Initiating Cells for Pathophysiological Study and Biomedical Applications. , 2015, , 199-211. | | 0 |
| 1246 | Fluorescent Cancer-Selective Alkylphosphocholine Analogs for Intraoperative Glioma Detection. <i>Neurosurgery</i> , 2015, 76, 115-124. | 0.6 | 60 |
| 1247 | Radiosensitization of Primary Human Glioblastoma Stem-like Cells with Low-Dose AKT Inhibition. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 1171-1180. | 1.9 | 36 |
| 1248 | PKC δ maintains phenotypes of tumor initiating cells through cytokine-mediated autocrine loop with positive feedback. <i>Oncogene</i> , 2015, 34, 5749-5759. | 2.6 | 8 |
| 1249 | Glioblastoma vasculogenic mimicry: signaling pathways progression and potential anti-angiogenesis targets. <i>Biomarker Research</i> , 2015, 3, 8. | 2.8 | 62 |
| 1250 | Laboratory Models for Central Nervous System Tumor Stem Cell Research. <i>Advances in Experimental Medicine and Biology</i> , 2015, 853, 69-83. | 0.8 | 0 |
| 1251 | A Cell ELISA for the quantification of MUC1 mucin (CD227) expressed by cancer cells of epithelial and neuroectodermal origin. <i>Cellular Immunology</i> , 2015, 298, 96-103. | 1.4 | 22 |
| 1252 | Knockdown of NAT12/NAA30 reduces tumorigenic features of glioblastoma-initiating cells. <i>Molecular Cancer</i> , 2015, 14, 160. | 7.9 | 30 |
| 1254 | Electro-hyperthermia inhibits glioma tumorigenicity through the induction of E2F1-mediated apoptosis. <i>International Journal of Hyperthermia</i> , 2015, 31, 784-792. | 1.1 | 31 |
| 1255 | The Dynamics of Interactions Among Immune and Glioblastoma Cells. <i>NeuroMolecular Medicine</i> , 2015, 17, 335-352. | 1.8 | 30 |
| 1256 | Wittig derivatization of sesquiterpenoid polygodial leads to cytostatic agents with activity against drug resistant cancer cells and capable of pyrrolylation of primary amines. <i>European Journal of Medicinal Chemistry</i> , 2015, 103, 226-237. | 2.6 | 16 |
| 1257 | Selective Inhibition of Parallel DNA Damage Response Pathways Optimizes Radiosensitization of Glioblastoma Stem-like Cells. <i>Cancer Research</i> , 2015, 75, 4416-4428. | 0.4 | 154 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1258 | Isolation and Characterization of Stem Cells from Human Central Nervous System Malignancies. <i>Advances in Experimental Medicine and Biology</i> , 2015, 853, 33-47. | 0.8 | 3 |
| 1259 | Targeting a Plk1-Controlled Polarity Checkpoint in Therapy-Resistant Glioblastoma-Propagating Cells. <i>Cancer Research</i> , 2015, 75, 5355-5366. | 0.4 | 33 |
| 1260 | From autonomy to community; new perspectives on tumorigenicity and therapy resistance. <i>Cancer Treatment Reviews</i> , 2015, 41, 809-813. | 3.4 | 2 |
| 1261 | Cancer stem cell markers: premises and prospects. <i>Biomarkers in Medicine</i> , 2015, 9, 1331-1342. | 0.6 | 17 |
| 1262 | MLL5 Orchestrates a Cancer Self-Renewal State by Repressing the Histone Variant H3.3 and Globally Reorganizing Chromatin. <i>Cancer Cell</i> , 2015, 28, 715-729. | 7.7 | 90 |
| 1263 | Systematic Identification of Single Amino Acid Variants in Glioma Stem-Cell-Derived Chromosome 19 Proteins. <i>Journal of Proteome Research</i> , 2015, 14, 778-786. | 1.8 | 22 |
| 1264 | Glioblastoma stem-like cells: at the root of tumor recurrence and a therapeutic target. <i>Carcinogenesis</i> , 2015, 36, 177-185. | 1.3 | 184 |
| 1265 | Tenascin-C: A Novel Candidate Marker for Cancer Stem Cells in Glioblastoma Identified by Tissue Microarrays. <i>Journal of Proteome Research</i> , 2015, 14, 814-822. | 1.8 | 39 |
| 1266 | A Chemically Cross-Linked Knottin Dimer Binds Integrins with Picomolar Affinity and Inhibits Tumor Cell Migration and Proliferation. <i>Journal of the American Chemical Society</i> , 2015, 137, 6-9. | 6.6 | 63 |
| 1267 | LncRNAs: New Players in Gliomas, With Special Emphasis on the Interaction of lncRNAs With EZH2. <i>Journal of Cellular Physiology</i> , 2015, 230, 496-503. | 2.0 | 51 |
| 1268 | Growth arrest and forced differentiation of human primary glioblastoma multiforme by a novel small molecule. <i>Scientific Reports</i> , 2014, 4, 5546. | 1.6 | 38 |
| 1269 | EphA2 promotes infiltrative invasion of glioma stem cells in vivo through cross-talk with Akt and regulates stem cell properties. <i>Oncogene</i> , 2015, 34, 558-567. | 2.6 | 139 |
| 1270 | EGCG inhibits properties of glioma stem-like cells and synergizes with temozolomide through downregulation of P-glycoprotein inhibition. <i>Journal of Neuro-Oncology</i> , 2015, 121, 41-52. | 1.4 | 89 |
| 1271 | Isolation and Culture of Primary Glioblastoma Cells from Human Tumor Specimens. <i>Methods in Molecular Biology</i> , 2015, 1235, 263-275. | 0.4 | 34 |
| 1273 | DNMT-dependent suppression of microRNA regulates the induction of GBM tumor-propagating phenotype by Oct4 and Sox2. <i>Oncogene</i> , 2015, 34, 3994-4004. | 2.6 | 82 |
| 1274 | miR-101 Acts as a Tumor Suppressor by Targeting Kruppel-Like Factor 6 in Glioblastoma Stem Cells. <i>CNS Neuroscience and Therapeutics</i> , 2015, 21, 40-51. | 1.9 | 48 |
| 1275 | Transforming growth factor-beta and its implication in the malignancy of gliomas. <i>Targeted Oncology</i> , 2015, 10, 1-14. | 1.7 | 56 |
| 1276 | The Effects of Histone Deacetylase Inhibitors on Glioblastoma-Derived Stem Cells. <i>Journal of Molecular Neuroscience</i> , 2015, 55, 7-20. | 1.1 | 38 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1277 | Progranulin promotes Temozolomide resistance of glioblastoma by orchestrating DNA repair and tumor stemness. <i>Oncogene</i> , 2015, 34, 1853-1864. | 2.6 | 51 |
| 1278 | A Systematic Comparison Identifies an ATP-Based Viability Assay as Most Suitable Read-Out for Drug Screening in Glioma Stem-Like Cells. <i>Stem Cells International</i> , 2016, 2016, 1-10. | 1.2 | 17 |
| 1279 | RSK2 activity mediates glioblastoma invasiveness and is a potential target for new therapeutics. <i>Oncotarget</i> , 2016, 7, 79869-79884. | 0.8 | 25 |
| 1280 | Transmembrane protein CD9 is glioblastoma biomarker, relevant for maintenance of glioblastoma stem cells. <i>Oncotarget</i> , 2016, 7, 593-609. | 0.8 | 66 |
| 1281 | Cancer Stem Cell Quiescence and Plasticity as Major Challenges in Cancer Therapy. <i>Stem Cells International</i> , 2016, 2016, 1-16. | 1.2 | 288 |
| 1282 | Vascular Transdifferentiation in the CNS: A Focus on Neural and Glioblastoma Stem-Like Cells. <i>Stem Cells International</i> , 2016, 2016, 1-13. | 1.2 | 27 |
| 1283 | Glioma Stem Cells and Their Microenvironments: Providers of Challenging Therapeutic Targets. <i>Stem Cells International</i> , 2016, 2016, 1-20. | 1.2 | 91 |
| 1284 | Glioblastoma Stem Cells Microenvironment: The Paracrine Roles of the Niche in Drug and Radioresistance. <i>Stem Cells International</i> , 2016, 2016, 1-17. | 1.2 | 131 |
| 1285 | Do Increased Doses to Stem-Cell Niches during Radiation Therapy Improve Glioblastoma Survival?. <i>Stem Cells International</i> , 2016, 2016, 1-10. | 1.2 | 12 |
| 1286 | Therapeutic Potential of Curcumin for the Treatment of Brain Tumors. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-14. | 1.9 | 61 |
| 1287 | Targeting SOX2 as a Therapeutic Strategy in Glioblastoma. <i>Frontiers in Oncology</i> , 2016, 6, 222. | 1.3 | 89 |
| 1288 | Challenges in Drug Discovery for Neurofibromatosis Type 1-Associated Low-Grade Glioma. <i>Frontiers in Oncology</i> , 2016, 6, 259. | 1.3 | 10 |
| 1289 | Evolution of Microbial Quorum Sensing to Human Global Quorum Sensing: An Insight into How Gap Junctional Intercellular Communication Might Be Linked to the Global Metabolic Disease Crisis. <i>Biology</i> , 2016, 5, 29. | 1.3 | 18 |
| 1290 | The Effects of Thermal Preconditioning on Oncogenic and Intraspinal Cord Growth Features of Human Glioma Cells. <i>Cell Transplantation</i> , 2016, 25, 2099-2109. | 1.2 | 11 |
| 1291 | The availability of the embryonic TGF- β 2 protein Nodal is dynamically regulated during glioblastoma multiforme tumorigenesis. <i>Cancer Cell International</i> , 2016, 16, 46. | 1.8 | 8 |
| 1292 | High expression of VEGF and PI3K in glioma stem cells provides new criteria for the grading of gliomas. <i>Experimental and Therapeutic Medicine</i> , 2016, 11, 571-576. | 0.8 | 8 |
| 1293 | Establishment and Biological Characterization of a Panel of Glioblastoma Multiforme (GBM) and GBM Variant Oncosphere Cell Lines. <i>PLoS ONE</i> , 2016, 11, e0150271. | 1.1 | 21 |
| 1294 | miR-30e Blocks Autophagy and Acts Synergistically with Proanthocyanidin for Inhibition of AVEN and BIRC6 to Increase Apoptosis in Glioblastoma Stem Cells and Glioblastoma SNB19 Cells. <i>PLoS ONE</i> , 2016, 11, e0158537. | 1.1 | 27 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1295 | Decitabine Treatment of Glioma-Initiating Cells Enhances Immune Recognition and Killing. PLoS ONE, 2016, 11, e0162105. | 1.1 | 17 |
| 1296 | Judicious Toggling of mTOR Activity to Combat Insulin Resistance and Cancer: Current Evidence and Perspectives. Frontiers in Pharmacology, 2016, 7, 395. | 1.6 | 131 |
| 1297 | Down-expression of miR-154 suppresses tumorigenesis in CD133 ⁺ glioblastoma stem cells. Cell Biochemistry and Function, 2016, 34, 404-413. | 1.4 | 16 |
| 1298 | Cancer Stem Cell-Secreted Macrophage Migration Inhibitory Factor Stimulates Myeloid Derived Suppressor Cell Function and Facilitates Glioblastoma Immune Evasion. Stem Cells, 2016, 34, 2026-2039. | 1.4 | 189 |
| 1300 | A novel ligand of calcitonin receptor reveals a potential new sensor that modulates programmed cell death. Cell Death Discovery, 2016, 2, 16062. | 2.0 | 6 |
| 1301 | GFAP expression is regulated by Pax3 in brain glioma stem cells. Oncology Reports, 2016, 36, 1277-1284. | 1.2 | 12 |
| 1302 | Let-7g-5p inhibits epithelial-mesenchymal transition consistent with reduction of glioma stem cell phenotypes by targeting VSIG4 in glioblastoma. Oncology Reports, 2016, 36, 2967-2975. | 1.2 | 29 |
| 1303 | Scalable Production of Glioblastoma Tumor-initiating Cells in 3 Dimension Thermoreversible Hydrogels. Scientific Reports, 2016, 6, 31915. | 1.6 | 28 |
| 1304 | MET inhibition overcomes radiation resistance of glioblastoma stem-like cells. EMBO Molecular Medicine, 2016, 8, 550-568. | 3.3 | 74 |
| 1305 | BIX01294, an inhibitor of histone methyltransferase, induces autophagy-dependent differentiation of glioma stem-like cells. Scientific Reports, 2016, 6, 38723. | 1.6 | 78 |
| 1306 | Therapeutic potential of targeting micro RNA-10b in established intracranial glioblastoma: first steps toward the clinic. EMBO Molecular Medicine, 2016, 8, 268-287. | 3.3 | 117 |
| 1307 | Polycomb dysregulation in gliomagenesis targets a Zfp423-dependent differentiation network. Nature Communications, 2016, 7, 10753. | 5.8 | 23 |
| 1308 | Stem cells and cancer: A review. Asian Pacific Journal of Tropical Disease, 2016, 6, 406-420. | 0.5 | 1 |
| 1309 | Inhibition of Nucleotide Synthesis Targets Brain Tumor Stem Cells in a Subset of Glioblastoma. Molecular Cancer Therapeutics, 2016, 15, 1271-1278. | 1.9 | 13 |
| 1310 | The transcriptional modulator HMGA2 promotes stemness and tumorigenicity in glioblastoma. Cancer Letters, 2016, 377, 55-64. | 3.2 | 50 |
| 1311 | Optimized dissociation protocol for isolating human glioma stem cells from tumorspheres via fluorescence-activated cell sorting. Cancer Letters, 2016, 377, 105-115. | 3.2 | 24 |
| 1312 | Activation of Aurora A kinase through the FGF1/FGFR signaling axis sustains the stem cell characteristics of glioblastoma cells. Experimental Cell Research, 2016, 344, 153-166. | 1.2 | 21 |
| 1313 | The extracellular matrix niche microenvironment of neural and cancer stem cells in the brain. International Journal of Biochemistry and Cell Biology, 2016, 81, 174-183. | 1.2 | 79 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1314 | Taking a Toll on Self-Renewal: TLR-Mediated Innate Immune Signaling in Stem Cells. Trends in Neurosciences, 2016, 39, 463-471. | 4.2 | 18 |
| 1315 | Large-scale assessment of the gliomasphere model system. Neuro-Oncology, 2016, 18, 1367-1378. | 0.6 | 82 |
| 1316 | Disulfiram when Combined with Copper Enhances the Therapeutic Effects of Temozolomide for the Treatment of Glioblastoma. Clinical Cancer Research, 2016, 22, 3860-3875. | 3.2 | 142 |
| 1317 | Culture conditions tailored to the cell of origin are critical for maintaining native properties and tumorigenicity of glioma cells. Neuro-Oncology, 2016, 18, 1413-1424. | 0.6 | 18 |
| 1318 | Control of glioblastoma tumorigenesis by feed-forward cytokine signaling. Nature Neuroscience, 2016, 19, 798-806. | 7.1 | 82 |
| 1319 | Pharmacological Development of Target-Specific Delocalized Lipophilic Cation-Functionalized Carboranes for Cancer Therapy. Pharmaceutical Research, 2016, 33, 1945-1958. | 1.7 | 18 |
| 1320 | 5,10b-Ethanophenanthridine amaryllidaceae alkaloids inspire the discovery of novel bicyclic ring systems with activity against drug resistant cancer cells. European Journal of Medicinal Chemistry, 2016, 120, 313-328. | 2.6 | 16 |
| 1321 | Human glioblastoma stem-like cells accumulate protoporphyrin IX when subjected to exogenous 5-aminolaevulinic acid, rendering them sensitive to photodynamic treatment. Journal of Photochemistry and Photobiology B: Biology, 2016, 163, 203-210. | 1.7 | 28 |
| 1322 | Time-lapse phenotyping of invasive glioma cells ex vivo reveals subtype-specific movement patterns guided by tumor core signaling. Experimental Cell Research, 2016, 349, 199-213. | 1.2 | 18 |
| 1323 | Apigenin Inhibits Cancer Stem Cell-Like Phenotypes in Human Glioblastoma Cells via Suppression of c-Met Signaling. Phytotherapy Research, 2016, 30, 1833-1840. | 2.8 | 78 |
| 1325 | A radiosensitizing effect of RAD51 inhibition in glioblastoma stem-like cells. BMC Cancer, 2016, 16, 604. | 1.1 | 49 |
| 1326 | Development of a Patient-Derived Xenograft Model Using Brain Tumor Stem Cell Systems to Study Cancer. Methods in Molecular Biology, 2016, 1458, 231-245. | 0.4 | 4 |
| 1328 | Enrichment and Interrogation of Cancer Stem Cells. , 2016, , 59-98. | | 7 |
| 1329 | miR-608 inhibits the migration and invasion of glioma stem cells by targeting macrophage migration inhibitory factor. Oncology Reports, 2016, 35, 2733-2742. | 1.2 | 53 |
| 1330 | Targeting Netrin-1 in glioblastoma stem-like cells inhibits growth, invasion, and angiogenesis. Tumor Biology, 2016, 37, 14949-14960. | 0.8 | 12 |
| 1331 | Therapeutic resistance and cancer recurrence mechanisms: Unfolding the story of tumour coming back. Journal of Biosciences, 2016, 41, 497-506. | 0.5 | 31 |
| 1332 | Gene knockdown of CENPA reduces sphere forming ability and stemness of glioblastoma initiating cells. Neuroepigenetics, 2016, 7, 6-18. | 2.8 | 16 |
| 1334 | Biobanking: An Important Resource for Precision Medicine in Glioblastoma. Advances in Experimental Medicine and Biology, 2016, 951, 47-56. | 0.8 | 3 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1335 | Stem cell markers in glioma progression and recurrence. International Journal of Oncology, 2016, 49, 1899-1910. | 1.4 | 41 |
| 1336 | Dedifferentiation of Glioma Cells to Glioma Stem-like Cells By Therapeutic Stress-induced HIF Signaling in the Recurrent GBM Model. Molecular Cancer Therapeutics, 2016, 15, 3064-3076. | 1.9 | 94 |
| 1337 | Unique spectral markers discern recurrent Glioblastoma cells from heterogeneous parent population. Scientific Reports, 2016, 6, 26538. | 1.6 | 22 |
| 1339 | Ultrasonic Surgical Aspirate is a Reliable Source For Culturing Glioblastoma Stem Cells. Scientific Reports, 2016, 6, 32788. | 1.6 | 11 |
| 1340 | Measuring Cell Viscoelastic Properties Using a Microfluidic Extensional Flow Device. Biophysical Journal, 2016, 111, 2039-2050. | 0.2 | 72 |
| 1341 | Topoisomerase III ² mediates the resistance of glioblastoma stem cells to replication stress-inducing drugs. Cancer Cell International, 2016, 16, 58. | 1.8 | 15 |
| 1342 | miRNA Manipulation in Modifying Radiation Sensitivity in Glioblastoma Models. Current Clinical Pathology, 2016, , 225-237. | 0.0 | 0 |
| 1343 | Radiobiology of Glioblastoma. Current Clinical Pathology, 2016, , . | 0.0 | 2 |
| 1344 | Overexpression of DLX2 is associated with poor prognosis and sorafenib resistance in hepatocellular carcinoma. Experimental and Molecular Pathology, 2016, 101, 58-65. | 0.9 | 20 |
| 1345 | Regulation of Glioblastoma Tumor-Propagating Cells by the Integrin Partner Tetraspanin CD151. Neoplasia, 2016, 18, 185-198. | 2.3 | 22 |
| 1346 | The role of octamer binding transcription factors in glioblastoma multiforme. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2016, 1859, 805-811. | 0.9 | 13 |
| 1347 | MB3W1 is an orthotopic xenograft model for anaplastic medulloblastoma displaying cancer stem cell- and Group 3-properties. BMC Cancer, 2016, 16, 115. | 1.1 | 17 |
| 1348 | Magnetofection based on superparamagnetic iron oxide nanoparticle-mediated low lncRNA HOTAIR expression decreases the proliferation and invasion of glioma stem cells. International Journal of Oncology, 2016, 49, 509-518. | 1.4 | 56 |
| 1349 | Preclinical Models of Glioblastoma in Radiobiology: Evolving Protocols and Research Methods. Current Clinical Pathology, 2016, , 255-274. | 0.0 | 0 |
| 1350 | Inhibition of Dopamine Receptor D4 Impedes Autophagic Flux, Proliferation, and Survival of Glioblastoma Stem Cells. Cancer Cell, 2016, 29, 859-873. | 7.7 | 169 |
| 1351 | Tumor vasculature and glioma stem cells: Contributions to glioma progression. Cancer Letters, 2016, 380, 545-551. | 3.2 | 106 |
| 1352 | Progenitor/Stem Cell Markers in Brain Adjacent to Glioblastoma: GD3 Ganglioside and NG2 Proteoglycan Expression. Journal of Neuropathology and Experimental Neurology, 2016, 75, 134-147. | 0.9 | 27 |
| 1353 | Dendritic cell based immunotherapy using tumor stem cells mediates potent antitumor immune responses. Cancer Letters, 2016, 374, 175-185. | 3.2 | 63 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1354 | A Supplemented High-Fat Low-Carbohydrate Diet for the Treatment of Glioblastoma. <i>Clinical Cancer Research</i> , 2016, 22, 2482-2495. | 3.2 | 88 |
| 1355 | MicroRNA and extracellular vesicles in glioblastoma: small but powerful. <i>Brain Tumor Pathology</i> , 2016, 33, 77-88. | 1.1 | 47 |
| 1356 | MIF Maintains the Tumorigenic Capacity of Brain Tumor-Initiating Cells by Directly Inhibiting p53. <i>Cancer Research</i> , 2016, 76, 2813-2823. | 0.4 | 54 |
| 1357 | Implications of irradiating the subventricular zone stem cell niche. <i>Stem Cell Research</i> , 2016, 16, 387-396. | 0.3 | 23 |
| 1358 | Chromosomal Instability Affects the Tumorigenicity of Glioblastoma Tumor-Initiating Cells. <i>Cancer Discovery</i> , 2016, 6, 532-545. | 7.7 | 59 |
| 1359 | Inflammatory Cells in Tumor Microenvironment. , 2016, , 27-50. | | 0 |
| 1360 | A Three-Dimensional Organoid Culture System Derived from Human Glioblastomas Recapitulates the Hypoxic Gradients and Cancer Stem Cell Heterogeneity of Tumors Found <i>In Vivo</i> . <i>Cancer Research</i> , 2016, 76, 2465-2477. | 0.4 | 453 |
| 1361 | At the Crossroads of Cancer Stem Cells, Radiation Biology, and Radiation Oncology. <i>Cancer Research</i> , 2016, 76, 994-998. | 0.4 | 24 |
| 1362 | The Role of Microenvironment in the Control of Tumor Angiogenesis. , 2016, , . | | 3 |
| 1363 | Presence of neural progenitors in spontaneous canine gliomas: A histopathological and immunohistochemical study of 20 cases. <i>Veterinary Journal</i> , 2016, 209, 125-132. | 0.6 | 19 |
| 1364 | G-quadruplex ligand-induced DNA damage response coupled with telomere dysfunction and replication stress in glioma stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2016, 471, 75-81. | 1.0 | 30 |
| 1365 | Core pathway mutations induce de-differentiation of murine astrocytes into glioblastoma stem cells that are sensitive to radiation but resistant to temozolomide. <i>Neuro-Oncology</i> , 2016, 18, 962-973. | 0.6 | 38 |
| 1366 | Epigenetic modulation of a miR-296-5p:HMGA1 axis regulates Sox2 expression and glioblastoma stem cells. <i>Oncogene</i> , 2016, 35, 4903-4913. | 2.6 | 55 |
| 1367 | <i>Drosophila</i> Brat and Human Ortholog TRIM3 Maintain Stem Cell Equilibrium and Suppress Brain Tumorigenesis by Attenuating Notch Nuclear Transport. <i>Cancer Research</i> , 2016, 76, 2443-2452. | 0.4 | 49 |
| 1368 | Short-Term Differentiation of Glioblastoma Stem Cells Induces Hypoxia Tolerance. <i>Neurochemical Research</i> , 2016, 41, 1545-1558. | 1.6 | 5 |
| 1369 | HDAC7 inhibition resets STAT3 tumorigenic activity in human glioblastoma independently of EGFR and PTEN: new opportunities for selected targeted therapies. <i>Oncogene</i> , 2016, 35, 4481-4494. | 2.6 | 30 |
| 1370 | Endoplasmic reticulum stress-inducing drugs sensitize glioma cells to temozolomide through downregulation of MGMT, MPG, and Rad51. <i>Neuro-Oncology</i> , 2016, 18, 1109-1119. | 0.6 | 42 |
| 1371 | Wnt inhibition is dysregulated in gliomas and its re-establishment inhibits proliferation and tumor sphere formation. <i>Experimental Cell Research</i> , 2016, 340, 53-61. | 1.2 | 39 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1372 | A novel drug conjugate, NEO212, targeting proneural and mesenchymal subtypes of patient-derived glioma cancer stem cells. <i>Cancer Letters</i> , 2016, 371, 240-250. | 3.2 | 24 |
| 1373 | Progesterin treatment decreases CD133+ cancer stem cell populations in endometrial cancer. <i>Gynecologic Oncology</i> , 2016, 140, 518-526. | 0.6 | 15 |
| 1374 | Coordination of self-renewal in glioblastoma by integration of adhesion and microRNA signaling. <i>Neuro-Oncology</i> , 2016, 18, 656-666. | 0.6 | 37 |
| 1375 | Establishment of a novel human medulloblastoma cell line characterized by highly aggressive stem-like cells. <i>Cytotechnology</i> , 2016, 68, 1545-1560. | 0.7 | 15 |
| 1376 | Malignant gliomas: old and new systemic treatment approaches. <i>Radiology and Oncology</i> , 2016, 50, 129-138. | 0.6 | 25 |
| 1377 | Tumor microenvironment tenascin-C promotes glioblastoma invasion and negatively regulates tumor proliferation. <i>Neuro-Oncology</i> , 2016, 18, 507-517. | 0.6 | 102 |
| 1378 | Glioma invasion mediated by the p75 neurotrophin receptor (p75NTR/CD271) requires regulated interaction with PDLIM1. <i>Oncogene</i> , 2016, 35, 1411-1422. | 2.6 | 47 |
| 1379 | Specific Preferences in Lineage Choice and Phenotypic Plasticity of Glioma Stem Cells Under <sc>BMP4</sc> and Noggin Influence. <i>Brain Pathology</i> , 2016, 26, 43-61. | 2.1 | 18 |
| 1380 | TLXâ€™s Emerging Role for Neurogenesis in Health and Disease. <i>Molecular Neurobiology</i> , 2017, 54, 272-280. | 1.9 | 19 |
| 1381 | Concerted action of histone methyltransferases G9a and PRMT-1 regulates PGC-1Î±-RIG-I axis in IFNÎ³ treated glioma cells. <i>Cytokine</i> , 2017, 89, 185-193. | 1.4 | 9 |
| 1382 | Differential propagation of stroma and cancer stem cells dictates tumorigenesis and multipotency. <i>Oncogene</i> , 2017, 36, 570-584. | 2.6 | 47 |
| 1383 | Discrete signaling mechanisms of mTORC1 and mTORC2: Connected yet apart in cellular and molecular aspects. <i>Advances in Biological Regulation</i> , 2017, 64, 39-48. | 1.4 | 102 |
| 1384 | Acidic pH with coordinated reduction of basic fibroblast growth factor maintains the glioblastoma stem cell-like phenotype in vitro. <i>Journal of Bioscience and Bioengineering</i> , 2017, 123, 634-641. | 1.1 | 5 |
| 1385 | Modulated DISP3/PTCHD2 expression influences neural stem cell fate decisions. <i>Scientific Reports</i> , 2017, 7, 41597. | 1.6 | 19 |
| 1386 | Membrane-Depolarizing Channel Blockers Induce Selective Glioma Cell Death by Impairing Nutrient Transport and Unfolded Protein/Amino Acid Responses. <i>Cancer Research</i> , 2017, 77, 1741-1752. | 0.4 | 21 |
| 1387 | Multidrug resistance in glioblastoma stem-like cells: Role of the hypoxic microenvironment and adenosine signaling. <i>Molecular Aspects of Medicine</i> , 2017, 55, 140-151. | 2.7 | 101 |
| 1388 | Isolation, Characterization, and Expansion of Cancer Stem Cells. <i>Methods in Molecular Biology</i> , 2017, 1553, 133-143. | 0.4 | 7 |
| 1389 | Rolipram potentiates bevacizumab-induced cell death in human glioblastoma stem-like cells. <i>Life Sciences</i> , 2017, 173, 11-19. | 2.0 | 32 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1390 | On glioblastoma and the search for a cure: where do we stand?. Cellular and Molecular Life Sciences, 2017, 74, 2451-2466. | 2.4 | 56 |
| 1391 | Therapeutic Potential for Bone Morphogenetic Protein 4 in Human Malignant Glioma. Neoplasia, 2017, 19, 261-270. | 2.3 | 25 |
| 1392 | Cancer stem cells: The root of tumor recurrence and metastases. Seminars in Cancer Biology, 2017, 44, 10-24. | 4.3 | 295 |
| 1393 | What roles do colon stem cells and gap junctions play in the left and right location of origin of colorectal cancers?. Journal of Cell Communication and Signaling, 2017, 11, 79-87. | 1.8 | 8 |
| 1394 | Tumor-infiltrating lymphocytes (TILs) from patients with glioma. Oncoimmunology, 2017, 6, e1252894. | 2.1 | 59 |
| 1395 | High-dose Neural Stem Cell Radiation May Not Improve Survival in Glioblastoma. Clinical Oncology, 2017, 29, 335-343. | 0.6 | 8 |
| 1396 | Temozolomide increases MHC expression via NF- κ B signaling in glioma stem cells. Cell Biology International, 2017, 41, 680-690. | 1.4 | 9 |
| 1397 | Cancer Stem Cells and Tumor Microenvironment in Radiotherapy. Cancer Treatment and Research, 2017, , 191-221. | 0.2 | 0 |
| 1398 | Dianthin-30 or gelonin versus monomethyl auristatin E, each configured with an anti-calcitonin receptor antibody, are differentially potent in vitro in high-grade glioma cell lines derived from glioblastoma. Cancer Immunology, Immunotherapy, 2017, 66, 1217-1228. | 2.0 | 15 |
| 1399 | A Survival Analysis with Identification of Prognostic Factors in a Series of 110 Patients with Newly Diagnosed Glioblastoma Before and After Introduction of the Stupp Regimen: A Single-Center Observational Study. World Neurosurgery, 2017, 104, 581-588. | 0.7 | 19 |
| 1400 | Paired related homeobox 1 transactivates dopamine D2 receptor to maintain propagation and tumorigenicity of glioma-initiating cells. Journal of Molecular Cell Biology, 2017, 9, 302-314. | 1.5 | 25 |
| 1401 | The Role of Neurotrophin Signaling in Gliomagenesis. Vitamins and Hormones, 2017, 104, 367-404. | 0.7 | 11 |
| 1402 | Novel KDM1A inhibitors induce differentiation and apoptosis of glioma stem cells via unfolded protein response pathway. Oncogene, 2017, 36, 2423-2434. | 2.6 | 71 |
| 1403 | Targetable T-type Calcium Channels Drive Glioblastoma. Cancer Research, 2017, 77, 3479-3490. | 0.4 | 79 |
| 1404 | Enhanced targeting of invasive glioblastoma cells by peptide-functionalized gold nanorods in hydrogel-based 3D cultures. Acta Biomaterialia, 2017, 58, 12-25. | 4.1 | 45 |
| 1405 | PNIPAAm-co-Jeffamine [®] (PNJ) scaffolds as in vitro models for niche enrichment of glioblastoma stem-like cells. Biomaterials, 2017, 143, 149-158. | 5.7 | 20 |
| 1406 | Integrin α 7 Is a Functional Marker and Potential Therapeutic Target in Glioblastoma. Cell Stem Cell, 2017, 21, 35-50.e9. | 5.2 | 101 |
| 1408 | Expression of Epithelial Mesenchymal Transition and Cancer Stem Cell Markers in Circulating Tumor Cells. Advances in Experimental Medicine and Biology, 2017, 994, 205-228. | 0.8 | 34 |

| # | ARTICLE | IF | CITATIONS |
|------|---|------|-----------|
| 1409 | Identification of T cell target antigens in glioblastoma stem-like cells using an integrated proteomics-based approach in patient specimens. <i>Acta Neuropathologica</i> , 2017, 134, 297-316. | 3.9 | 23 |
| 1410 | NANOG overexpression and its correlation with stem cell and differentiation markers in meningiomas of different WHO grades. <i>Molecular Carcinogenesis</i> , 2017, 56, 1953-1964. | 1.3 | 27 |
| 1411 | A Sequentially Priming Phosphorylation Cascade Activates the Gliomagenic Transcription Factor Olig2. <i>Cell Reports</i> , 2017, 18, 3167-3177. | 2.9 | 32 |
| 1412 | Human mesenchymal stromal cells inhibit tumor growth in orthotopic glioblastoma xenografts. <i>Stem Cell Research and Therapy</i> , 2017, 8, 53. | 2.4 | 57 |
| 1413 | Combination of chemotherapy and cancer stem cell targeting agents: Preclinical and clinical studies. <i>Cancer Letters</i> , 2017, 396, 103-109. | 3.2 | 70 |
| 1414 | Motility of glioblastoma cells is driven by netrin-1 induced gain of stemness. <i>Journal of Experimental and Clinical Cancer Research</i> , 2017, 36, 9. | 3.5 | 21 |
| 1415 | Association of MRI-classified subventricular regions with survival outcomes in patients with anaplastic glioma. <i>Clinical Radiology</i> , 2017, 72, 426.e1-426.e6. | 0.5 | 8 |
| 1416 | Wnt5a Drives an Invasive Phenotype in Human Glioblastoma Stem-like Cells. <i>Cancer Research</i> , 2017, 77, 996-1007. | 0.4 | 75 |
| 1417 | Personalized Medicine Through Advanced Genomics. , 2017, , 31-48. | | 1 |
| 1418 | Temozolomide resistant human brain tumor stem cells are susceptible to recombinant vesicular stomatitis virus and double-deleted Vaccinia virus in vitro. <i>Biomedicine and Pharmacotherapy</i> , 2017, 95, 1201-1208. | 2.5 | 10 |
| 1419 | Crizotinib targets in glioblastoma stem cells. <i>Cancer Medicine</i> , 2017, 6, 2625-2634. | 1.3 | 22 |
| 1420 | Identification of differentially expressed genes in oral squamous cell carcinoma TCA8113 cells. <i>Oncology Letters</i> , 2017, 14, 7055-7068. | 0.8 | 2 |
| 1421 | MicroRNA-132 induces temozolomide resistance and promotes the formation of cancer stem cell phenotypes by targeting tumor suppressor candidate 3 in glioblastoma. <i>International Journal of Molecular Medicine</i> , 2017, 40, 1307-1314. | 1.8 | 24 |
| 1422 | Targeting glioma stem cells through combined BMI1 and EZH2 inhibition. <i>Nature Medicine</i> , 2017, 23, 1352-1361. | 15.2 | 279 |
| 1423 | Knockdown of SALL4 expression using RNA interference induces cell cycle arrest, enhances early apoptosis, inhibits invasion and increases chemosensitivity to temozolomide in U251 glioma cells. <i>Oncology Letters</i> , 2017, 14, 4263-4269. | 0.8 | 12 |
| 1424 | Expression Profiling of the MAP Kinase Phosphatase Family Reveals a Role for DUSP1 in the Glioblastoma Stem Cell Niche. <i>Cancer Microenvironment</i> , 2017, 10, 57-68. | 3.1 | 17 |
| 1425 | Sensitivity to <i>BUB1B</i> Inhibition Defines an Alternative Classification of Glioblastoma. <i>Cancer Research</i> , 2017, 77, 5518-5529. | 0.4 | 38 |
| 1426 | SHP2 regulates proliferation and tumorigenicity of glioma stem cells. <i>Journal of Neuro-Oncology</i> , 2017, 135, 487-496. | 1.4 | 29 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1427 | Vascular regulation of glioma stem-like cells: a balancing act. <i>Current Opinion in Neurobiology</i> , 2017, 47, 8-15. | 2.0 | 35 |
| 1428 | MYC-Regulated Mevalonate Metabolism Maintains Brain Tumor-Initiating Cells. <i>Cancer Research</i> , 2017, 77, 4947-4960. | 0.4 | 91 |
| 1429 | MicroRNAs as Multifaceted Players in Glioblastoma Multiforme. <i>International Review of Cell and Molecular Biology</i> , 2017, 333, 269-323. | 1.6 | 21 |
| 1430 | Modelling glioblastoma tumour-host cell interactions using adult brain organotypic slice co-culture. <i>DMM Disease Models and Mechanisms</i> , 2018, 11, . | 1.2 | 37 |
| 1431 | GPR56/ADGRG1 Inhibits Mesenchymal Differentiation and Radioresistance in Glioblastoma. <i>Cell Reports</i> , 2017, 21, 2183-2197. | 2.9 | 56 |
| 1432 | The novel CXCR4 antagonist, PRX177561, reduces tumor cell proliferation and accelerates cancer stem cell differentiation in glioblastoma preclinical models. <i>Tumor Biology</i> , 2017, 39, 101042831769552. | 0.8 | 44 |
| 1433 | LC-MS-based metabolomics reveals metabolic signatures related to glioma stem-like cell self-renewal and differentiation. <i>RSC Advances</i> , 2017, 7, 24221-24232. | 1.7 | 10 |
| 1434 | Disruption of the monocarboxylate transporter-4-basigin interaction inhibits the hypoxic response, proliferation, and tumor progression. <i>Scientific Reports</i> , 2017, 7, 4292. | 1.6 | 55 |
| 1435 | Elderly patients with newly diagnosed glioblastoma: can preoperative imaging descriptors improve the predictive power of a survival model?. <i>Journal of Neuro-Oncology</i> , 2017, 134, 423-431. | 1.4 | 11 |
| 1436 | Subventricular Zone Involvement Characterized by Diffusion Tensor Imaging in Glioblastoma. <i>World Neurosurgery</i> , 2017, 105, 697-701. | 0.7 | 9 |
| 1437 | Vascular Mimicry: A Novel Neovascularization Mechanism Driving Anti-Angiogenic Therapy (AAT) Resistance in Glioblastoma. <i>Translational Oncology</i> , 2017, 10, 650-660. | 1.7 | 110 |
| 1438 | Human SLFN5 is a transcriptional co-repressor of STAT1-mediated interferon responses and promotes the malignant phenotype in glioblastoma. <i>Oncogene</i> , 2017, 36, 6006-6019. | 2.6 | 47 |
| 1439 | Subventricular zones: new key targets for glioblastoma treatment. <i>Radiation Oncology</i> , 2017, 12, 67. | 1.2 | 35 |
| 1440 | Dual Inhibition of PDK1 and Aurora Kinase A: An Effective Strategy to Induce Differentiation and Apoptosis of Human Glioblastoma Multiforme Stem Cells. <i>ACS Chemical Neuroscience</i> , 2017, 8, 100-114. | 1.7 | 45 |
| 1441 | Accelerating glioblastoma drug discovery: Convergence of patient-derived models, genome editing and phenotypic screening. <i>Molecular and Cellular Neurosciences</i> , 2017, 80, 198-207. | 1.0 | 20 |
| 1443 | Irradiating the Subventricular Zone in Glioblastoma Patients: Is there a Case for a Clinical Trial?. <i>Clinical Oncology</i> , 2017, 29, 26-33. | 0.6 | 26 |
| 1444 | The Unexpected Roles of Aurora A Kinase in Glioblastoma Recurrences. <i>Targeted Oncology</i> , 2017, 12, 11-18. | 1.7 | 12 |
| 1445 | Role of STAT3 in Genesis and Progression of Human Malignant Gliomas. <i>Molecular Neurobiology</i> , 2017, 54, 5780-5797. | 1.9 | 52 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1446 | Hypoxic and Reoxygenated Microenvironment: Stemness and Differentiation State in Glioblastoma. <i>Molecular Neurobiology</i> , 2017, 54, 6261-6272. | 1.9 | 14 |
| 1447 | Cancer stem cell-targeted therapeutics and delivery strategies. <i>Expert Opinion on Drug Delivery</i> , 2017, 14, 997-1008. | 2.4 | 32 |
| 1448 | Proteome and Secretome Characterization of Glioblastoma-Derived Neural Stem Cells. <i>Stem Cells</i> , 2017, 35, 967-980. | 1.4 | 40 |
| 1449 | Pathology and Molecular Pathology of Brain Cancer. , 2017, , 291-311. | | 2 |
| 1450 | Yeast display biopanning identifies human antibodies targeting glioblastoma stem-like cells. <i>Scientific Reports</i> , 2017, 7, 15840. | 1.6 | 18 |
| 1451 | High expression of MKP1/DUSP1 counteracts glioma stem cell activity and mediates HDAC inhibitor response. <i>Oncogenesis</i> , 2017, 6, 401. | 2.1 | 22 |
| 1452 | Paeoniflorin exerts antitumor effects by inactivating S phase kinase-associated protein 2 in glioma cells. <i>Oncology Reports</i> , 2017, 39, 1052-1062. | 1.2 | 14 |
| 1453 | Nanomaterials in Targeting Cancer Stem Cells for Cancer Therapy. <i>Frontiers in Pharmacology</i> , 2017, 8, 1. | 1.6 | 429 |
| 1454 | Thermodynamics in Gliomas: Interactions between the Canonical WNT/Beta-Catenin Pathway and PPAR Gamma. <i>Frontiers in Physiology</i> , 2017, 8, 352. | 1.3 | 54 |
| 1455 | Effects of transforming growth factor- β inhibitor on the proliferation of glioma stem/progenitor cell. <i>Polish Journal of Pathology</i> , 2017, 68, 312-317. | 0.1 | 2 |
| 1456 | n-Butylideneephthalide Regulated Tumor Stem Cell Genes EZH2/AXL and Reduced Its Migration and Invasion in Glioblastoma. <i>International Journal of Molecular Sciences</i> , 2017, 18, 372. | 1.8 | 21 |
| 1457 | Downregulation of mitochondrial UQCRCB inhibits cancer stem cell-like properties in glioblastoma. <i>International Journal of Oncology</i> , 2018, 52, 241-251. | 1.4 | 14 |
| 1458 | The Impact of the Tumor Microenvironment on the Properties of Glioma Stem-Like Cells. <i>Frontiers in Oncology</i> , 2017, 7, 143. | 1.3 | 47 |
| 1459 | Nuclear Receptor TLX in Development and Diseases. <i>Current Topics in Developmental Biology</i> , 2017, 125, 257-273. | 1.0 | 18 |
| 1460 | Failure of the PTEN/aPKC/Lgl Axis Primes Formation of Adult Brain Tumours in <i>Drosophila</i> . <i>BioMed Research International</i> , 2017, 2017, 1-14. | 0.9 | 7 |
| 1461 | mTOR-Dependent Cell Proliferation in the Brain. <i>BioMed Research International</i> , 2017, 2017, 1-14. | 0.9 | 70 |
| 1462 | Chemotherapeutic Drugs: DNA Damage and Repair in Glioblastoma. <i>Cancers</i> , 2017, 9, 57. | 1.7 | 61 |
| 1463 | Mesenchymal/proangiogenic factor YKL-40 related to glioblastomas and its relationship with the subventricular zone. <i>Folia Neuropathologica</i> , 2017, 1, 14-22. | 0.5 | 7 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1464 | Resveratrol Impairs Glioma Stem Cells Proliferation and Motility by Modulating the Wnt Signaling Pathway. <i>PLoS ONE</i> , 2017, 12, e0169854. | 1.1 | 103 |
| 1465 | Expression of CD133 and CD44 in glioblastoma stem cells correlates with cell proliferation, phenotype stability and intra-tumor heterogeneity. <i>PLoS ONE</i> , 2017, 12, e0172791. | 1.1 | 109 |
| 1466 | In vitro characterization of CD133 ^{lo} cancer stem cells in Retinoblastoma Y79 cell line. <i>BMC Cancer</i> , 2017, 17, 779. | 1.1 | 20 |
| 1467 | Synergistic inhibition of tumor growth by combination treatment with drugs against different subpopulations of glioblastoma cells. <i>BMC Cancer</i> , 2017, 17, 905. | 1.1 | 19 |
| 1468 | A novel small molecule inhibitor of p32 mitochondrial protein overexpressed in glioma. <i>Journal of Translational Medicine</i> , 2017, 15, 210. | 1.8 | 23 |
| 1469 | Stattic and metformin inhibit brain tumor initiating cells by reducing STAT3-phosphorylation. <i>Oncotarget</i> , 2017, 8, 8250-8263. | 0.8 | 57 |
| 1470 | Glioma stem cells-derived exosomes promote the angiogenic ability of endothelial cells through miR-21/VEGF signal. <i>Oncotarget</i> , 2017, 8, 36137-36148. | 0.8 | 137 |
| 1471 | Glioma stem cells and their non-stem differentiated glioma cells exhibit differences in mitochondrial structure and function. <i>Oncology Reports</i> , 2017, 39, 411-416. | 1.2 | 8 |
| 1472 | Salinomycin's potential to eliminate glioblastoma stem cells and treat glioblastoma multiforme (Review). <i>International Journal of Oncology</i> , 2017, 51, 753-759. | 1.4 | 12 |
| 1473 | The p38 signaling pathway mediates quiescence of glioma stem cells by regulating epidermal growth factor receptor trafficking. <i>Oncotarget</i> , 2017, 8, 33316-33328. | 0.8 | 22 |
| 1474 | Locoregional Confinement and Major Clinical Benefit of ¹⁸⁸ Re-Loaded CXCR4-Targeted Nanocarriers in an Orthotopic Human to Mouse Model of Glioblastoma. <i>Theranostics</i> , 2017, 7, 4517-4536. | 4.6 | 46 |
| 1475 | Hitting a Moving Target: Glioma Stem Cells Demand New Approaches in Glioblastoma Therapy. <i>Current Cancer Drug Targets</i> , 2017, 17, 236-254. | 0.8 | 18 |
| 1476 | RNAi for contactin 2 inhibits proliferation of U87-glioma stem cells by downregulating AICD, EGFR, and HES1. <i>OncoTargets and Therapy</i> , 2017, Volume 10, 791-801. | 1.0 | 5 |
| 1477 | Human glioma stem-like cells induce malignant transformation of bone marrow mesenchymal stem cells by activating TERT expression. <i>Oncotarget</i> , 2017, 8, 104418-104429. | 0.8 | 11 |
| 1478 | The Response of Cancer Cell Populations to Therapies. , 2017, , 137-152. | | 1 |
| 1479 | Culture conditions defining glioblastoma cells behavior: what is the impact for novel discoveries?. <i>Oncotarget</i> , 2017, 8, 69185-69197. | 0.8 | 76 |
| 1480 | Ephrin-B3 supports glioblastoma growth by inhibiting apoptosis induced by the dependence receptor EphA4. <i>Oncotarget</i> , 2017, 8, 23750-23759. | 0.8 | 21 |
| 1481 | Synergistic and targeted therapy with a procaspase-3 activator and temozolomide extends survival in glioma rodent models and is feasible for the treatment of canine malignant glioma patients. <i>Oncotarget</i> , 2017, 8, 80124-80138. | 0.8 | 33 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1482 | Inhibition of JMJD6 expression reduces the proliferation, migration and invasion of neuroglioma stem cells. <i>Neoplasma</i> , 2017, 64, 700-708. | 0.7 | 25 |
| 1483 | Combination therapy with micellarized cyclophosphamide and temozolomide attenuate glioblastoma growth through Gli1 down-regulation. <i>Oncotarget</i> , 2017, 8, 42495-42509. | 0.8 | 17 |
| 1484 | Overexpression of miR-29a reduces the oncogenic properties of glioblastoma stem cells by downregulating Quaking gene isoform 6. <i>Oncotarget</i> , 2017, 8, 24949-24963. | 0.8 | 52 |
| 1485 | Scalable Culturing of Primary Human Glioblastoma Tumor-Initiating Cells with a Cell-Friendly Culture System. <i>Scientific Reports</i> , 2018, 8, 3531. | 1.6 | 27 |
| 1486 | Targeting UDP-glucose 6-dehydrogenase inhibits glioblastoma growth and migration. <i>Oncogene</i> , 2018, 37, 2615-2629. | 2.6 | 37 |
| 1487 | Subventricular zone predicts high velocity of tumor expansion and poor clinical outcome in patients with low grade astrocytoma. <i>Clinical Neurology and Neurosurgery</i> , 2018, 168, 12-17. | 0.6 | 8 |
| 1488 | NF- κ B activation in differentiating glioblastoma stem-like cells is promoted by hyaluronic acid signaling through TLR4. <i>Scientific Reports</i> , 2018, 8, 6341. | 1.6 | 26 |
| 1489 | Glioblastoma Model Using Human Cerebral Organoids. <i>Cell Reports</i> , 2018, 23, 1220-1229. | 2.9 | 278 |
| 1490 | The role of inflammation in subventricular zone cancer. <i>Progress in Neurobiology</i> , 2018, 170, 37-52. | 2.8 | 15 |
| 1491 | The Urokinase Receptor Induces a Mesenchymal Gene Expression Signature in Glioblastoma Cells and Promotes Tumor Cell Survival in Neurospheres. <i>Scientific Reports</i> , 2018, 8, 2982. | 1.6 | 50 |
| 1492 | Flow Cytometry-based Drug Screening System for the Identification of Small Molecules That Promote Cellular Differentiation of Glioblastoma Stem Cells. <i>Journal of Visualized Experiments</i> , 2018, , . | 0.2 | 4 |
| 1494 | Isolation of Glioblastoma Stem Cells with Flow Cytometry. <i>Methods in Molecular Biology</i> , 2018, 1741, 71-79. | 0.4 | 3 |
| 1495 | Reactive species balance via GTP cyclohydrolase I regulates glioblastoma growth and tumor initiating cell maintenance. <i>Neuro-Oncology</i> , 2018, 20, 1055-1067. | 0.6 | 27 |
| 1496 | β 1,4-Galactosyltransferase V activates Notch1 signaling in glioma stem-like cells and promotes their transdifferentiation into endothelial cells. <i>Journal of Biological Chemistry</i> , 2018, 293, 2219-2230. | 1.6 | 13 |
| 1497 | MALDI imaging detects endogenous digoxin in glioblastoma cells infected by Zika virus "Would it be the oncolytic key?. <i>Journal of Mass Spectrometry</i> , 2018, 53, 257-263. | 0.7 | 9 |
| 1498 | ING5 activity in self-renewal of glioblastoma stem cells via calcium and follicle stimulating hormone pathways. <i>Oncogene</i> , 2018, 37, 286-301. | 2.6 | 28 |
| 1499 | Anticancer activity of osmium(VI) nitrido complexes in patient-derived glioblastoma initiating cells and in vivo mouse models. <i>Cancer Letters</i> , 2018, 416, 138-148. | 3.2 | 29 |
| 1500 | Large Scale Identification of Variant Proteins in Glioma Stem Cells. <i>ACS Chemical Neuroscience</i> , 2018, 9, 73-79. | 1.7 | 12 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1501 | Intratumoral heterogeneity of oxygen metabolism and neovascularization uncovers 2 survival-relevant subgroups of IDH1 wild-type glioblastoma. <i>Neuro-Oncology</i> , 2018, 20, 1536-1546. | 0.6 | 39 |
| 1502 | Opposite Interplay Between the Canonical WNT/ β -Catenin Pathway and PPAR Gamma: A Potential Therapeutic Target in Gliomas. <i>Neuroscience Bulletin</i> , 2018, 34, 573-588. | 1.5 | 49 |
| 1503 | Expression and correlation of CD44 and GP73 in cerebroma tissues. <i>Oncology Letters</i> , 2018, 15, 4958-4962. | 0.8 | 4 |
| 1504 | Modular peptide-functionalized gold nanorods for effective glioblastoma multicellular tumor spheroid targeting. <i>Biomaterials Science</i> , 2018, 6, 1140-1146. | 2.6 | 22 |
| 1505 | Self-Assembled pH-Sensitive Fluoromagnetic Nanotubes as Archetype System for Multimodal Imaging of Brain Cancer. <i>Advanced Functional Materials</i> , 2018, 28, 1707582. | 7.8 | 22 |
| 1506 | Recurrence of glioblastoma is associated with elevated microvascular transit time heterogeneity and increased hypoxia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 422-432. | 2.4 | 30 |
| 1507 | Glucocorticoids promote a glioma stem cell-like phenotype and resistance to chemotherapy in human glioblastoma primary cells: Biological and prognostic significance. <i>International Journal of Cancer</i> , 2018, 142, 1266-1276. | 2.3 | 27 |
| 1508 | Predicting the role of microstructural and biomechanical cues in tumor growth and spreading. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2018, 34, e2935. | 1.0 | 7 |
| 1509 | Introduction to Cancer Stem Cells: Past, Present, and Future. <i>Methods in Molecular Biology</i> , 2018, 1692, 1-16. | 0.4 | 16 |
| 1510 | Xenograft as In Vivo Experimental Model. <i>Methods in Molecular Biology</i> , 2018, 1692, 97-105. | 0.4 | 3 |
| 1511 | Developmentally regulated signaling pathways in glioma invasion. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 385-402. | 2.4 | 63 |
| 1512 | DOCK4 promotes loss of proliferation in glioblastoma progenitor cells through nuclear beta-catenin accumulation and subsequent miR-302-367 cluster expression. <i>Oncogene</i> , 2018, 37, 241-254. | 2.6 | 24 |
| 1513 | Pediatric glioblastoma cells inhibit neurogenesis and promote astrogenesis, phenotypic transformation and migration of human neural progenitor cells within cocultures. <i>Experimental Cell Research</i> , 2018, 362, 159-171. | 1.2 | 7 |
| 1514 | Glioblastoma and chemoresistance to alkylating agents: Involvement of apoptosis, autophagy, and unfolded protein response. , 2018, 184, 13-41. | | 230 |
| 1515 | CD133 Expression in Glioblastoma Multiforme: A Literature Review. <i>Cureus</i> , 2018, 10, e3439. | 0.2 | 19 |
| 1516 | The STAT3 and hypoxia pathways converge on Vascular Endothelial Growth Factor Receptor 1 to promote stemness and glioblastoma tumorigenesis through Notch1 stabilization. <i>Stem Cell Investigation</i> , 2018, 5, 35-35. | 1.3 | 1 |
| 1517 | Aberrant neuronal differentiation is common in glioma but is associated neither with epileptic seizures nor with better survival. <i>Scientific Reports</i> , 2018, 8, 14965. | 1.6 | 6 |
| 1518 | Impact of STAT3 phosphorylation in glioblastoma stem cells radiosensitization and patient outcome. <i>Oncotarget</i> , 2018, 9, 3968-3979. | 0.8 | 25 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1519 | Global DNA methylation synergistically regulates the nuclear and mitochondrial genomes in glioblastoma cells. <i>Nucleic Acids Research</i> , 2018, 46, 5977-5995. | 6.5 | 40 |
| 1520 | Cancer Stem Cells and Immunosuppressive Microenvironment in Glioma. <i>Frontiers in Immunology</i> , 2018, 9, 2924. | 2.2 | 171 |
| 1521 | Temporal DNA-PK activation drives genomic instability and therapy resistance in glioma stem cells. <i>JCI Insight</i> , 2018, 3, . | 2.3 | 40 |
| 1522 | Inhibition of glioblastoma cell proliferation, invasion, and mechanism of action of a novel hydroxamic acid hybrid molecule. <i>Cell Death Discovery</i> , 2018, 4, 41. | 2.0 | 30 |
| 1523 | Pharmacogenomic landscape of patient-derived tumor cells informs precision oncology therapy. <i>Nature Genetics</i> , 2018, 50, 1399-1411. | 9.4 | 145 |
| 1524 | VDAC2 interacts with PFKP to regulate glucose metabolism and phenotypic reprogramming of glioma stem cells. <i>Cell Death and Disease</i> , 2018, 9, 988. | 2.7 | 48 |
| 1525 | The regulation of cytokine signaling by retinal determination gene network pathway in cancer. <i>OncoTargets and Therapy</i> , 2018, Volume 11, 6479-6487. | 1.0 | 17 |
| 1526 | Next-Generation in vivo Modeling of Human Cancers. <i>Frontiers in Oncology</i> , 2018, 8, 429. | 1.3 | 33 |
| 1527 | Regulating glioma stem cells by hypoxia through the Notch1 and Oct3/4 signaling pathway. <i>Oncology Letters</i> , 2018, 16, 6315-6322. | 0.8 | 9 |
| 1528 | KrÄppel-like factor 9 and histone deacetylase inhibitors synergistically induce cell death in glioblastoma stem-like cells. <i>BMC Cancer</i> , 2018, 18, 1025. | 1.1 | 14 |
| 1529 | Primary cilium and glioblastoma. <i>Therapeutic Advances in Medical Oncology</i> , 2018, 10, 175883591880116. | 1.4 | 23 |
| 1530 | Microglia induces Gas1 expression in human brain tumor-initiating cells to reduce tumorigenicity. <i>Scientific Reports</i> , 2018, 8, 15286. | 1.6 | 13 |
| 1531 | Genetic Abnormalities, Clonal Evolution, and Cancer Stem Cells of Brain Tumors. <i>Medical Sciences (Basel, Switzerland)</i> , 2018, 6, 85. | 1.3 | 9 |
| 1532 | Significance of Glioma Stem-Like Cells in the Tumor Periphery That Express High Levels of CD44 in Tumor Invasion, Early Progression, and Poor Prognosis in Glioblastoma. <i>Stem Cells International</i> , 2018, 2018, 1-15. | 1.2 | 52 |
| 1533 | Human Fetal Neural Stem Cells for Neurodegenerative Disease Treatment. <i>Results and Problems in Cell Differentiation</i> , 2018, 66, 307-329. | 0.2 | 17 |
| 1534 | Human Neural Stem Cells. <i>Results and Problems in Cell Differentiation</i> , 2018, , . | 0.2 | 3 |
| 1535 | Establishment of stable iPSC-derived human neural stem cell lines suitable for cell therapies. <i>Cell Death and Disease</i> , 2018, 9, 937. | 2.7 | 36 |
| 1536 | Uterine stem cells: from basic research to advanced cell therapies. <i>Human Reproduction Update</i> , 2018, 24, 673-693. | 5.2 | 83 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1537 | Combined Modulation of Tumor Metabolism by Metformin and Diclofenac in Glioma. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2586. | 1.8 | 23 |
| 1538 | Modulation of mitochondrial DNA copy number in a model of glioblastoma induces changes to DNA methylation and gene expression of the nuclear genome in tumours. <i>Epigenetics and Chromatin</i> , 2018, 11, 53. | 1.8 | 30 |
| 1539 | Live-Cell Imaging Assays to Study Glioblastoma Brain Tumor Stem Cell Migration and Invasion. <i>Journal of Visualized Experiments</i> , 2018, , . | 0.2 | 7 |
| 1540 | The developmental origin of brain tumours: a cellular and molecular framework. <i>Development (Cambridge)</i> , 2018, 145, . | 1.2 | 97 |
| 1541 | Acquisition of tumorigenic potential and therapeutic resistance in CD133+ subpopulation of prostate cancer cells exhibiting stem-cell like characteristics. <i>Cancer Letters</i> , 2018, 430, 25-33. | 3.2 | 42 |
| 1542 | Combinatorial Drug Testing in 3D Microtumors Derived from GBM Patient-Derived Xenografts Reveals Cytotoxic Synergy in Pharmacokinomics-informed Pathway Interactions. <i>Scientific Reports</i> , 2018, 8, 8412. | 1.6 | 12 |
| 1543 | Molecular Imaging of CXCL12 Promoter-driven HSV1-TK Reporter Gene Expression. <i>Biotechnology and Bioprocess Engineering</i> , 2018, 23, 208-217. | 1.4 | 6 |
| 1544 | Association of Glioblastoma Multiforme Stem Cell Characteristics, Differentiation, and Microglia Marker Genes with Patient Survival. <i>Stem Cells International</i> , 2018, 2018, 1-19. | 1.2 | 30 |
| 1545 | Apoptosis Pathways and Chemotherapy in Brain Tumors. , 2018, , 291-303. | | 0 |
| 1546 | Bioreducible Polymeric Nanoparticles Containing Multiplexed Cancer Stem Cell Regulating miRNAs Inhibit Glioblastoma Growth and Prolong Survival. <i>Nano Letters</i> , 2018, 18, 4086-4094. | 4.5 | 117 |
| 1547 | From Chemotherapy to Combined Targeted Therapeutics: In Vitro and in Vivo Models to Decipher Intra-tumor Heterogeneity. <i>Frontiers in Pharmacology</i> , 2018, 9, 77. | 1.6 | 21 |
| 1548 | Challenges in the Treatment of Glioblastoma: Multisystem Mechanisms of Therapeutic Resistance. <i>World Neurosurgery</i> , 2018, 116, 505-517. | 0.7 | 105 |
| 1549 | Modeling Microenvironmental Regulation of Glioblastoma Stem Cells: A Biomaterials Perspective. <i>Frontiers in Materials</i> , 2018, 5, . | 1.2 | 19 |
| 1550 | Advances in Radiotherapy for Glioblastoma. <i>Frontiers in Neurology</i> , 2017, 8, 748. | 1.1 | 103 |
| 1551 | Fibronectin Promotes the Malignancy of Glioma Stem-Like Cells Via Modulation of Cell Adhesion, Differentiation, Proliferation and Chemoresistance. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 130. | 1.4 | 61 |
| 1552 | Utility of Glioblastoma Patient-Derived Orthotopic Xenografts in Drug Discovery and Personalized Therapy. <i>Frontiers in Oncology</i> , 2018, 8, 23. | 1.3 | 89 |
| 1553 | Role of Microenvironment in Glioma Invasion: What We Learned from In Vitro Models. <i>International Journal of Molecular Sciences</i> , 2018, 19, 147. | 1.8 | 102 |
| 1554 | The Adenosine A3 Receptor Regulates Differentiation of Glioblastoma Stem-Like Cells to Endothelial Cells under Hypoxia. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1228. | 1.8 | 32 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1555 | Stem Cell Therapy of Gliomas. <i>Progress in Neurological Surgery</i> , 2018, 32, 124-151. | 1.3 | 10 |
| 1556 | Role of Akt Isoforms Controlling Cancer Stem Cell Survival, Phenotype and Self-Renewal. <i>Biomedicines</i> , 2018, 6, 29. | 1.4 | 38 |
| 1557 | Comparison of glioblastoma (GBM) molecular classification methods. <i>Seminars in Cancer Biology</i> , 2018, 53, 201-211. | 4.3 | 125 |
| 1558 | Cancer stem cells from peritumoral tissue of glioblastoma multiforme: the possible missing link between tumor development and progression. <i>Oncotarget</i> , 2018, 9, 28116-28130. | 0.8 | 26 |
| 1559 | The first-in-class alkylating deacetylase inhibitor molecule tinostamustine shows antitumor effects and is synergistic with radiotherapy in preclinical models of glioblastoma. <i>Journal of Hematology and Oncology</i> , 2018, 11, 32. | 6.9 | 24 |
| 1560 | A Cytotoxic Three-Dimensional-Spheroid, High-Throughput Assay Using Patient-Derived Glioma Stem Cells. <i>SLAS Discovery</i> , 2018, 23, 842-849. | 1.4 | 26 |
| 1561 | The effects of extra high dose rate irradiation on glioma stem-like cells. <i>PLoS ONE</i> , 2018, 13, e0202533. | 1.1 | 2 |
| 1562 | The role of interleukin-6-STAT3 signalling in glioblastoma (Review). <i>Oncology Letters</i> , 2018, 16, 4095-4104. | 0.8 | 61 |
| 1563 | Inhibition of autophagy increases susceptibility of glioblastoma stem cells to temozolomide by igniting ferroptosis. <i>Cell Death and Disease</i> , 2018, 9, 841. | 2.7 | 182 |
| 1564 | MMB triazole analogs are potent NF- κ B inhibitors and anti-cancer agents against both hematological and solid tumor cells. <i>European Journal of Medicinal Chemistry</i> , 2018, 157, 562-581. | 2.6 | 34 |
| 1565 | In vivo distribution of U87MG cells injected into the lateral ventricle of rats with spinal cord injury. <i>PLoS ONE</i> , 2018, 13, e0202307. | 1.1 | 6 |
| 1566 | Promising Targets in Anti-cancer Drug Development: Recent Updates. <i>Current Medicinal Chemistry</i> , 2018, 24, 4729-4752. | 1.2 | 56 |
| 1567 | Applications of Human Brain Organoids to Clinical Problems. <i>Developmental Dynamics</i> , 2019, 248, 53-64. | 0.8 | 88 |
| 1568 | The Autophagy Status of Cancer Stem Cells in Glioblastoma Multiforme: From Cancer Promotion to Therapeutic Strategies. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3824. | 1.8 | 52 |
| 1569 | Folate can promote the methionine-dependent reprogramming of glioblastoma cells towards pluripotency. <i>Cell Death and Disease</i> , 2019, 10, 596. | 2.7 | 25 |
| 1570 | Spermidine/spermine N1-acetyltransferase 1 is a gene-specific transcriptional regulator that drives brain tumor aggressiveness. <i>Oncogene</i> , 2019, 38, 6794-6800. | 2.6 | 25 |
| 1571 | The Role of Kinase Signaling in Resistance to Bevacizumab Therapy for Glioblastoma Multiforme. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2019, 34, 345-354. | 0.7 | 15 |
| 1572 | The Ig superfamily protein PTGFRN coordinates survival signaling in glioblastoma multiforme. <i>Cancer Letters</i> , 2019, 462, 33-42. | 3.2 | 26 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1573 | Continuous separation of fungal spores in a microfluidic flow focusing device. <i>Analyst, The</i> , 2019, 144, 4962-4971. | 1.7 | 6 |
| 1574 | QKI deficiency maintains glioma stem cell stemness by activating the SHH/GLI1 signaling pathway. <i>Cellular Oncology (Dordrecht)</i> , 2019, 42, 801-813. | 2.1 | 21 |
| 1575 | High-resolution structural genomics reveals new therapeutic vulnerabilities in glioblastoma. <i>Genome Research</i> , 2019, 29, 1211-1222. | 2.4 | 52 |
| 1576 | Glioblastoma Unique Features Drive the Ways for Innovative Therapies in the Trunk-branch Era. <i>Folia Medica</i> , 2019, 61, 7-25. | 0.2 | 2 |
| 1577 | CRISPR-Cas9 Knockdown and Induced Expression of CD133 Reveal Essential Roles in Melanoma Invasion and Metastasis. <i>Cancers</i> , 2019, 11, 1490. | 1.7 | 23 |
| 1578 | Histone methyltransferase SUV39H2 regulates cell growth and chemosensitivity in glioma via regulation of hedgehog signaling. <i>Cancer Cell International</i> , 2019, 19, 269. | 1.8 | 9 |
| 1579 | Therapeutic Targeting of Cancer Stem Cells in Human Glioblastoma by Manipulating the Renin-Angiotensin System. <i>Cells</i> , 2019, 8, 1364. | 1.8 | 27 |
| 1580 | Emerging intersections between neuroscience and glioma biology. <i>Nature Neuroscience</i> , 2019, 22, 1951-1960. | 7.1 | 99 |
| 1581 | SLUG Directs the Precursor State of Human Brain Tumor Stem Cells. <i>Cancers</i> , 2019, 11, 1635. | 1.7 | 13 |
| 1582 | Genomic Balance: Two Genomes Establishing Synchrony to Modulate Cellular Fate and Function. <i>Cells</i> , 2019, 8, 1306. | 1.8 | 12 |
| 1583 | Targeting Glioblastoma Stem Cells through Disruption of the Circadian Clock. <i>Cancer Discovery</i> , 2019, 9, 1556-1573. | 7.7 | 172 |
| 1584 | Neural Stem Cells of the Subventricular Zone as the Origin of Human Glioblastoma Stem Cells. Therapeutic Implications. <i>Frontiers in Oncology</i> , 2019, 9, 779. | 1.3 | 78 |
| 1585 | MicroRNA-29a inhibits glioblastoma stem cells and tumor growth by regulating the PDGF pathway. <i>Journal of Neuro-Oncology</i> , 2019, 145, 23-34. | 1.4 | 33 |
| 1586 | Liposomal delivery of ferritin heavy chain 1 (FTH1) siRNA in patient xenograft derived glioblastoma initiating cells suggests different sensitivities to radiation and distinct survival mechanisms. <i>PLoS ONE</i> , 2019, 14, e0221952. | 1.1 | 13 |
| 1587 | Overexpression of CD44 is associated with a poor prognosis in grade II/III gliomas. <i>Journal of Neuro-Oncology</i> , 2019, 145, 201-210. | 1.4 | 23 |
| 1588 | ER stress and UPR activation in glioblastoma: identification of a noncanonical PERK mechanism regulating GBM stem cells through SOX2 modulation. <i>Cell Death and Disease</i> , 2019, 10, 690. | 2.7 | 51 |
| 1589 | The Drosophila Model in Cancer. <i>Advances in Experimental Medicine and Biology</i> , 2019, , . | 0.8 | 4 |
| 1590 | Experimental models and tools to tackle glioblastoma. <i>DMM Disease Models and Mechanisms</i> , 2019, 12, . | 1.2 | 70 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1591 | Mutation Profiles in Glioblastoma 3D Oncospheres Modulate Drug Efficacy. <i>SLAS Technology</i> , 2019, 24, 28-40. | 1.0 | 14 |
| 1592 | Stochastic cellular automata model of tumorous neurosphere growth: Roles of developmental maturity and cell death. <i>Journal of Theoretical Biology</i> , 2019, 467, 100-110. | 0.8 | 9 |
| 1593 | Identification of CD24 as a marker of Patched1 deleted medulloblastoma-initiating neural progenitor cells. <i>PLoS ONE</i> , 2019, 14, e0210665. | 1.1 | 5 |
| 1594 | Therapeutic considerations of PARP in stem cell biology: Relevance in cancer and beyond. <i>Biochemical Pharmacology</i> , 2019, 167, 107-115. | 2.0 | 32 |
| 1595 | <i>BRCA</i> Genes: The Role in Genome Stability, Cancer Stemness and Therapy Resistance. <i>Journal of Cancer</i> , 2019, 10, 2109-2127. | 1.2 | 125 |
| 1596 | Synergistic Suppression of Glioblastoma Cell Growth by Combined Application of Temozolomide and Dopamine D2 Receptor Antagonists. <i>World Neurosurgery</i> , 2019, 128, e468-e477. | 0.7 | 16 |
| 1597 | Multilayered Heterogeneity of Glioblastoma Stem Cells: Biological and Clinical Significance. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1139, 1-21. | 0.8 | 14 |
| 1598 | MicroRNA-9 enhances chemotherapy sensitivity of glioma to TMZ by suppressing TOPO II via the NF- κ B signaling pathway. <i>Oncology Letters</i> , 2019, 17, 4819-4826. | 0.8 | 6 |
| 1599 | Cellular Reprogramming as a Therapeutic Target in Cancer. <i>Trends in Cell Biology</i> , 2019, 29, 623-634. | 3.6 | 38 |
| 1600 | The NFL-TBS.40-63 peptide targets and kills glioblastoma stem cells derived from human patients and also targets nanocapsules into these cells. <i>International Journal of Pharmaceutics</i> , 2019, 566, 218-228. | 2.6 | 8 |
| 1601 | Glioblastoma stem cells: lessons from the tumor hierarchy in a lethal cancer. <i>Genes and Development</i> , 2019, 33, 591-609. | 2.7 | 303 |
| 1602 | Single-cell RNA sequencing reveals the impact of chromosomal instability on glioblastoma cancer stem cells. <i>BMC Medical Genomics</i> , 2019, 12, 79. | 0.7 | 30 |
| 1603 | <i>Tumor Biology</i> , 2019, , 143-152. | | 0 |
| 1604 | Metabolic Reprogramming Via Silencing of Mitochondrial VDAC1 Expression Encourages Differentiation of Cancer Cells. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 17, 24-37. | 2.3 | 28 |
| 1605 | Glioma stem cells-derived exosomal miR-26a promotes angiogenesis of microvessel endothelial cells in glioma. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 201. | 3.5 | 116 |
| 1606 | Visualization of spatiotemporal dynamics of human glioma stem cell invasion. <i>Molecular Brain</i> , 2019, 12, 45. | 1.3 | 20 |
| 1607 | Stemness underpinning all steps of human colorectal cancer defines the core of effective therapeutic strategies. <i>EBioMedicine</i> , 2019, 44, 346-360. | 2.7 | 11 |
| 1608 | Cell membrane protein functionalization of nanoparticles as a new tumor-targeting strategy. <i>Clinical and Translational Medicine</i> , 2019, 8, 8. | 1.7 | 37 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1609 | Primary cilium and brain aging: role in neural stem cells, neurodegenerative diseases and glioblastoma. <i>Ageing Research Reviews</i> , 2019, 52, 53-63. | 5.0 | 24 |
| 1610 | Pathological and Molecular Features of Glioblastoma and Its Peritumoral Tissue. <i>Cancers</i> , 2019, 11, 469. | 1.7 | 165 |
| 1611 | Hedgehog pathway permissive conditions allow generation of immortal cell lines from granule cells derived from cancerous and non-cancerous cerebellum. <i>Open Biology</i> , 2019, 9, 180145. | 1.5 | 3 |
| 1612 | Glioblastoma Stem-Like Cells, Metabolic Strategy to Kill a Challenging Target. <i>Frontiers in Oncology</i> , 2019, 9, 118. | 1.3 | 98 |
| 1613 | Zika virus infection induces MiR34c expression in glioblastoma stem cells: new perspectives for brain tumor treatments. <i>Cell Death and Disease</i> , 2019, 10, 263. | 2.7 | 23 |
| 1614 | Wnt and Notch signaling govern self-renewal and differentiation in a subset of human glioblastoma stem cells. <i>Genes and Development</i> , 2019, 33, 498-510. | 2.7 | 74 |
| 1615 | Target Identification and Validation in Drug Discovery. <i>Methods in Molecular Biology</i> , 2019, , . | 0.4 | 1 |
| 1616 | The Neurosphere Assay (NSA) Applied to Neural Stem Cells (NSCs) and Cancer Stem Cells (CSCs). <i>Methods in Molecular Biology</i> , 2019, 1953, 139-149. | 0.4 | 6 |
| 1617 | A cell type-selective apoptosis-inducing small molecule for the treatment of brain cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 6435-6440. | 3.3 | 23 |
| 1618 | Ex vivo Dynamics of Human Glioblastoma Cells in a Microvasculatureâ€œChip System Correlates with Tumor Heterogeneity and Subtypes. <i>Advanced Science</i> , 2019, 6, 1801531. | 5.6 | 69 |
| 1619 | Harnessing Radiation Biology to Augment Immunotherapy for Glioblastoma. <i>Frontiers in Oncology</i> , 2019, 8, 656. | 1.3 | 32 |
| 1620 | Spheroid glioblastoma culture conditions as antigen source for dendritic cell-based immunotherapy: spheroid proteins are survival-relevant targets but can impair immunogenic interferon Î³ production. <i>Cytotherapy</i> , 2019, 21, 643-658. | 0.3 | 7 |
| 1621 | The Role of SVZ Stem Cells in Glioblastoma. <i>Cancers</i> , 2019, 11, 448. | 1.7 | 53 |
| 1622 | Identification of stemness in primary retinoblastoma cells by analysis of stem-cell phenotypes and tumorigenicity with culture and xenograft models. <i>Experimental Cell Research</i> , 2019, 379, 110-118. | 1.2 | 12 |
| 1623 | The landscape of the mesenchymal signature in brain tumours. <i>Brain</i> , 2019, 142, 847-866. | 3.7 | 228 |
| 1624 | Neural stem cells promote glioblastoma formation in nude mice. <i>Clinical and Translational Oncology</i> , 2019, 21, 1551-1560. | 1.2 | 13 |
| 1625 | Gene signatures of quiescent glioblastoma cells reveal mesenchymal shift and interactions with niche microenvironment. <i>EBioMedicine</i> , 2019, 42, 252-269. | 2.7 | 78 |
| 1626 | Intravital imaging of glioma border morphology reveals distinctive cellular dynamics and contribution to tumor cell invasion. <i>Scientific Reports</i> , 2019, 9, 2054. | 1.6 | 77 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1627 | Verteporfin-Loaded Polymeric Microparticles for Intratumoral Treatment of Brain Cancer. <i>Molecular Pharmaceutics</i> , 2019, 16, 1433-1443. | 2.3 | 40 |
| 1628 | ZNF326 promotes malignant phenotype of glioma by up-regulating HDAC7 expression and activating Wnt pathway. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 40. | 3.5 | 27 |
| 1629 | HEAD AND NECK CANCER STEM CELL PROTEOMICS. <i>Journal of Cancer & Allied Specialties</i> , 2019, 5, . | 0.1 | 0 |
| 1630 | EGFR ^{vIII} : An Oncogene with Ambiguous Role. <i>Journal of Oncology</i> , 2019, 2019, 1-20. | 0.6 | 45 |
| 1631 | Autofluorescence of NADH is a new biomarker for sorting and characterizing cancer stem cells in human glioma. <i>Stem Cell Research and Therapy</i> , 2019, 10, 330. | 2.4 | 28 |
| 1632 | Emerging Role of Cellular Prion Protein in the Maintenance and Expansion of Glioma Stem Cells. <i>Cells</i> , 2019, 8, 1458. | 1.8 | 11 |
| 1633 | Verteporfin-Loaded Anisotropic Poly(Beta-Amino Ester)-Based Micelles Demonstrate Brain Cancer-Selective Cytotoxicity and Enhanced Pharmacokinetics. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 10047-10060. | 3.3 | 18 |
| 1634 | Secretome analysis of patient-derived GBM tumor spheres identifies midkine as a potent therapeutic target. <i>Experimental and Molecular Medicine</i> , 2019, 51, 1-11. | 3.2 | 28 |
| 1635 | Radiation Drives the Evolution of Orthotopic Xenografts Initiated from Glioblastoma Stem-like Cells. <i>Cancer Research</i> , 2019, 79, 6032-6043. | 0.4 | 14 |
| 1636 | The proneural gene ASCL1 governs the transcriptional subgroup affiliation in glioblastoma stem cells by directly repressing the mesenchymal gene NDRG1. <i>Cell Death and Differentiation</i> , 2019, 26, 1813-1831. | 5.0 | 41 |
| 1637 | shRNA-mediated PPAR γ knockdown in human glioma stem cells reduces <i>in vitro</i> proliferation and inhibits orthotopic xenograft tumour growth. <i>Journal of Pathology</i> , 2019, 247, 422-434. | 2.1 | 13 |
| 1638 | Honokiol Eliminates Glioma/Glioblastoma Stem Cell-Like Cells Via JAK-STAT3 Signaling and Inhibits Tumor Progression by Targeting Epidermal Growth Factor Receptor. <i>Cancers</i> , 2019, 11, 22. | 1.7 | 54 |
| 1639 | A curcumin derivative hydrazinobenzoylcurcumin suppresses stem-like features of glioblastoma cells by targeting Ca ²⁺ /calmodulin-dependent protein kinase II. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 6741-6752. | 1.2 | 25 |
| 1640 | In vitro neurosphere formation correlates with poor survival in glioma. <i>IUBMB Life</i> , 2019, 71, 244-253. | 1.5 | 6 |
| 1641 | The effect of transferrin-targeted, resveratrol-loaded liposomes on neurosphere cultures of glioblastoma: implications for targeting tumour-initiating cells. <i>Journal of Drug Targeting</i> , 2019, 27, 601-613. | 2.1 | 22 |
| 1642 | Melatonin and its anti-glioma functions: a comprehensive review. <i>Reviews in the Neurosciences</i> , 2019, 30, 527-541. | 1.4 | 22 |
| 1643 | Activation of Dopamine Receptor 2 Prompts Transcriptomic and Metabolic Plasticity in Glioblastoma. <i>Journal of Neuroscience</i> , 2019, 39, 1982-1993. | 1.7 | 65 |
| 1644 | An Integrated Stress Response Agent that Modulates DR5-Dependent TRAIL Synergy Reduces Patient-Derived Glioma Stem Cell Viability. <i>Molecular Cancer Research</i> , 2019, 17, 1102-1114. | 1.5 | 7 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1645 | Glioblastoma's Next Top Model: Novel Culture Systems for Brain Cancer Radiotherapy Research. <i>Cancers</i> , 2019, 11, 44. | 1.7 | 59 |
| 1646 | Regulation of human glioma cell migration, tumor growth, and stemness gene expression using a Lck targeted inhibitor. <i>Oncogene</i> , 2019, 38, 1734-1750. | 2.6 | 53 |
| 1647 | Isolation and Culture of Glioblastoma Brain Tumor Stem Cells. <i>Methods in Molecular Biology</i> , 2019, 1869, 11-21. | 0.4 | 9 |
| 1648 | Novel lncRNA-ZNF281 regulates cell growth, stemness and invasion of glioma stem-like U251s cells. <i>Neoplasia</i> , 2019, 66, 118-127. | 0.7 | 22 |
| 1649 | Phenotypic and Expressional Heterogeneity in the Invasive Glioma Cells. <i>Translational Oncology</i> , 2019, 12, 122-133. | 1.7 | 25 |
| 1650 | RNA-Binding Protein HuR Regulates Both Mutant and Wild-Type IDH1 in IDH1-Mutated Cancer. <i>Molecular Cancer Research</i> , 2019, 17, 508-520. | 1.5 | 17 |
| 1651 | Overexpression of TIMP-1 and Sensitivity to Topoisomerase Inhibitors in Glioblastoma Cell Lines. <i>Pathology and Oncology Research</i> , 2019, 25, 59-69. | 0.9 | 3 |
| 1652 | Brain-Tumor-Regenerating 3D Scaffold-Based Primary Xenograft Models for Glioma Stem Cell Targeted Drug Screening. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 139-148. | 2.6 | 5 |
| 1653 | Coexpresión de NG2/GFAP tras la diferenciación en células transfectadas con las mutaciones de GFAP y en células procedentes de gliomas indiferenciados. <i>Neurología</i> , 2020, 35, 479-485. | 0.3 | 0 |
| 1654 | Down-regulation of 14-3-3zeta reduces proliferation and increases apoptosis in human glioblastoma. <i>Cancer Gene Therapy</i> , 2020, 27, 399-411. | 2.2 | 12 |
| 1655 | Transcriptomic analysis reveals that BMP4 sensitizes glioblastoma tumor-initiating cells to mechanical cues. <i>Matrix Biology</i> , 2020, 85-86, 112-127. | 1.5 | 11 |
| 1656 | NG2 and GFAP co-expression after differentiation in cells transfected with mutant GFAP and in undifferentiated glioma cells. <i>Neurología (English Edition)</i> , 2020, 35, 479-485. | 0.2 | 0 |
| 1657 | Role and molecular mechanism of stem cells in colorectal cancer initiation. <i>Journal of Drug Targeting</i> , 2020, 28, 1-10. | 2.1 | 13 |
| 1658 | Prognostic impact of glioblastoma stem cell markers OLIG2 and CCND2. <i>Cancer Medicine</i> , 2020, 9, 1069-1078. | 1.3 | 18 |
| 1659 | A molecularly distinct subset of glioblastoma requires serum-containing media to establish sustainable bona fide glioblastoma stem cell cultures. <i>Glia</i> , 2020, 68, 1228-1240. | 2.5 | 12 |
| 1660 | Extracellular Vesicle-Mediated Communication between the Glioblastoma and Its Microenvironment. <i>Cells</i> , 2020, 9, 96. | 1.8 | 60 |
| 1661 | Enhanced SPARCL1 expression in cancer stem cells improves preclinical modeling of glioblastoma by promoting both tumor infiltration and angiogenesis. <i>Neurobiology of Disease</i> , 2020, 134, 104705. | 2.1 | 23 |
| 1662 | The Role of Metabolic Plasticity in Blood and Brain Stem Cell Pathophysiology. <i>Cancer Research</i> , 2020, 80, 5-16. | 0.4 | 17 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1663 | Primary and Metastatic Pancreatic Cancer Cells Exhibit Differential Migratory Potentials. <i>Pancreas</i> , 2020, 49, 128-134. | 0.5 | 0 |
| 1664 | Self-assembling and self-formulating prodrug hydrogelator extends survival in a glioblastoma resection and recurrence model. <i>Journal of Controlled Release</i> , 2020, 319, 311-321. | 4.8 | 53 |
| 1665 | Cancer Stem Cells: New Horizons in Cancer Therapies. , 2020, , . | | 1 |
| 1666 | Low mitochondrial DNA copy number is associated with poor prognosis and treatment resistance in glioblastoma. <i>Mitochondrion</i> , 2020, 55, 154-163. | 1.6 | 12 |
| 1667 | Detection of glioblastoma intratumor heterogeneity in radiosensitivity using patient-derived neurosphere cultures. <i>Journal of Neuro-Oncology</i> , 2020, 149, 383-390. | 1.4 | 5 |
| 1668 | Engineering Three-Dimensional Tumor Models to Study Glioma Cancer Stem Cells and Tumor Microenvironment. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 558381. | 1.8 | 38 |
| 1669 | Targeting the Epithelial-to-Mesenchymal Transition in Cancer Stem Cells for a Better Clinical Outcome of Glioma. <i>Technology in Cancer Research and Treatment</i> , 2020, 19, 153303382094805. | 0.8 | 9 |
| 1670 | Ablation of neuropilin-1 improves the therapeutic response in conventional drug-resistant glioblastoma multiforme. <i>Oncogene</i> , 2020, 39, 7114-7126. | 2.6 | 17 |
| 1671 | Glioma-derived IL-33 orchestrates an inflammatory brain tumor microenvironment that accelerates glioma progression. <i>Nature Communications</i> , 2020, 11, 4997. | 5.8 | 109 |
| 1672 | Pulsed and Discontinuous Electromagnetic Field Exposure Decreases Temozolomide Resistance in Glioblastoma by Modulating the Expression of O ⁶ -Methylguanine-DNA Methyltransferase, Cyclin-D1, and p53. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2021, 36, 579-587. | 0.7 | 4 |
| 1673 | Calcium Channels in Adult Brain Neural Stem Cells and in Glioblastoma Stem Cells. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 600018. | 1.8 | 10 |
| 1674 | The Organoid Era Permits the Development of New Applications to Study Glioblastoma. <i>Cancers</i> , 2020, 12, 3303. | 1.7 | 24 |
| 1675 | Cerebral organoids: emerging ex vivo humanoid models of glioblastoma. <i>Acta Neuropathologica Communications</i> , 2020, 8, 209. | 2.4 | 5 |
| 1676 | Myosin 10 Regulates Invasion, Mitosis, and Metabolic Signaling in Glioblastoma. <i>IScience</i> , 2020, 23, 101802. | 1.9 | 14 |
| 1677 | Glioblastoma stem cells induce quiescence in surrounding neural stem cells via Notch signaling. <i>Genes and Development</i> , 2020, 34, 1599-1604. | 2.7 | 11 |
| 1678 | Influence of Lipoxygenase Inhibition on Glioblastoma Cell Biology. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8395. | 1.8 | 13 |
| 1679 | Cancer stem cell plasticity in glioblastoma multiforme: a perspective on future directions in oncolytic virotherapy. <i>Future Oncology</i> , 2020, 16, 2251-2264. | 1.1 | 2 |
| 1680 | Exploiting the Complexities of Glioblastoma Stem Cells: Insights for Cancer Initiation and Therapeutic Targeting. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5278. | 1.8 | 20 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1681 | EGFR/FOXO3a/BIM signaling pathway determines chemosensitivity of BMP4-differentiated glioma stem cells to temozolomide. <i>Experimental and Molecular Medicine</i> , 2020, 52, 1326-1340. | 3.2 | 24 |
| 1682 | Brain Tumor Stem Cell Dependence on Glutaminase Reveals a Metabolic Vulnerability through the Amino Acid Deprivation Response Pathway. <i>Cancer Research</i> , 2020, 80, 5478-5490. | 0.4 | 14 |
| 1683 | Requirements of LEFTY and Nodal overexpression for tumor cell survival under hypoxia in glioblastoma. <i>Molecular Carcinogenesis</i> , 2020, 59, 1409-1419. | 1.3 | 7 |
| 1684 | Lipophilic dye-compatible brain clearing technique allowing correlative magnetic resonance/high-resolution fluorescence imaging in rat models of glioblastoma. <i>Scientific Reports</i> , 2020, 10, 17974. | 1.6 | 3 |
| 1685 | Tumor Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , 2020, , . | 0.8 | 2 |
| 1686 | Adenovirus infection promotes the formation of glioma stem cells from glioblastoma cells through the TLR9/NEAT1/STAT3 pathway. <i>Cell Communication and Signaling</i> , 2020, 18, 135. | 2.7 | 16 |
| 1687 | The Alternative Splicing Factor, MBNL1, Inhibits Glioblastoma Tumor Initiation and Progression by Reducing Hypoxia-Induced Stemness. <i>Cancer Research</i> , 2020, 80, 4681-4692. | 0.4 | 12 |
| 1688 | Radioresistance in Glioblastoma and the Development of Radiosensitizers. <i>Cancers</i> , 2020, 12, 2511. | 1.7 | 77 |
| 1689 | mTOR Modulates Intercellular Signals for Enlargement and Infiltration in Glioblastoma Multiforme. <i>Cancers</i> , 2020, 12, 2486. | 1.7 | 13 |
| 1690 | OSMR controls glioma stem cell respiration and confers resistance of glioblastoma to ionizing radiation. <i>Nature Communications</i> , 2020, 11, 4116. | 5.8 | 43 |
| 1691 | Featuring how calcium channels and calmodulin affect glioblastoma behavior. A review article. <i>Cancer Treatment and Research Communications</i> , 2020, 25, 100255. | 0.7 | 5 |
| 1692 | Different Calculation Strategies Are Congruent in Determining Chemotherapy Resistance of Brain Tumors In Vitro. <i>Cells</i> , 2020, 9, 2689. | 1.8 | 4 |
| 1693 | BRAFV600E mutation impinges on gut microbial markers defining novel biomarkers for serrated colorectal cancer effective therapies. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 285. | 3.5 | 14 |
| 1694 | Combination MEK and mTOR inhibitor therapy is active in models of glioblastoma. <i>Neuro-Oncology Advances</i> , 2020, 2, vdaa138. | 0.4 | 14 |
| 1695 | BRD4 regulates self-renewal ability and tumorigenicity of glioma-initiating cells by enrichment in the Notch1 promoter region. <i>Clinical and Translational Medicine</i> , 2020, 10, e181. | 1.7 | 21 |
| 1696 | Prognostic significance of cancer stemness-associated genes in patients with gliomas. <i>Clinical and Translational Medicine</i> , 2020, 10, e186. | 1.7 | 4 |
| 1697 | Effects of BMPER, CXCL10, and HOXA9 on Neovascularization During Early-Growth Stage of Primary High-Grade Glioma and Their Corresponding MRI Biomarkers. <i>Frontiers in Oncology</i> , 2020, 10, 711. | 1.3 | 6 |
| 1698 | Biological effects of selective COX-2 inhibitor NS398 on human glioblastoma cell lines. <i>Cancer Cell International</i> , 2020, 20, 167. | 1.8 | 18 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1699 | Development of a peptide-based delivery platform for targeting malignant brain tumors. <i>Biomaterials</i> , 2020, 252, 120105. | 5.7 | 15 |
| 1700 | A Primer on Human Brain Organoids for the Neurosurgeon. <i>Neurosurgery</i> , 2020, 87, 620-629. | 0.6 | 7 |
| 1701 | Recent technological advancements in stem cell research for targeted therapeutics. <i>Drug Delivery and Translational Research</i> , 2020, 10, 1147-1169. | 3.0 | 8 |
| 1702 | New strategies for managing adult gliomas. <i>Journal of Neurology</i> , 2021, 268, 3666-3674. | 1.8 | 14 |
| 1703 | Combined Targeting of Glioblastoma Stem-Like Cells by Neutralizing RNA-Bio-Drugs for STAT3. <i>Cancers</i> , 2020, 12, 1434. | 1.7 | 9 |
| 1704 | Selective toxicity of functionalised graphene oxide to patients-derived glioblastoma stem cells and minimal toxicity to non-cancerous brain tissue cells. <i>2D Materials</i> , 2020, 7, 045002. | 2.0 | 3 |
| 1705 | Neuronal signatures in cancer. <i>International Journal of Cancer</i> , 2020, 147, 3281-3291. | 2.3 | 35 |
| 1706 | Considering the Experimental Use of Temozolomide in Glioblastoma Research. <i>Biomedicines</i> , 2020, 8, 151. | 1.4 | 25 |
| 1707 | Tumor Cell Invasion in Glioblastoma. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1932. | 1.8 | 154 |
| 1708 | Exploiting Cancer's Tactics to Make Cancer a Manageable Chronic Disease. <i>Cancers</i> , 2020, 12, 1649. | 1.7 | 3 |
| 1709 | Single-cell RNA-seq reveals that glioblastoma recapitulates a normal neurodevelopmental hierarchy. <i>Nature Communications</i> , 2020, 11, 3406. | 5.8 | 300 |
| 1710 | Targeting Subventricular Zone Progenitor Cells with Intraventricular Liposomal Encapsulated Cytarabine in Patients with Secondary Glioblastoma: a Report of Two Cases. <i>SN Comprehensive Clinical Medicine</i> , 2020, 2, 836-843. | 0.3 | 7 |
| 1711 | Shrimp miR-965 induced the human melanoma stem-like cell apoptosis and inhibited their stemness by disrupting the MCL-1-ER stress-XBP1 feedback loop in a cross-species manner. <i>Stem Cell Research and Therapy</i> , 2020, 11, 248. | 2.4 | 12 |
| 1712 | Identification of Cancer Stem Cell Subpopulations in Head and Neck Metastatic Malignant Melanoma. <i>Cells</i> , 2020, 9, 324. | 1.8 | 20 |
| 1713 | A Sox2:miR-486-5p Axis Regulates Survival of GBM Cells by Inhibiting Tumor Suppressor Networks. <i>Cancer Research</i> , 2020, 80, 1644-1655. | 0.4 | 34 |
| 1714 | Expression of tert Prevents ALT in Zebrafish Brain Tumors. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 65. | 1.8 | 17 |
| 1715 | Constitutive CHK1 Expression Drives a pSTAT3-CIP2A Circuit that Promotes Glioblastoma Cell Survival and Growth. <i>Molecular Cancer Research</i> , 2020, 18, 709-722. | 1.5 | 15 |
| 1716 | Combined Targeting of AKT and mTOR Inhibits Proliferation of Human NF1-Associated Malignant Peripheral Nerve Sheath Tumour Cells In Vitro but not in a Xenograft Mouse Model In Vivo. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1548. | 1.8 | 15 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1717 | The necessity for standardization of glioma stem cell culture: a systematic review. <i>Stem Cell Research and Therapy</i> , 2020, 11, 84. | 2.4 | 15 |
| 1718 | Glioblastome Multiforme: A Bibliometric Analysis. <i>World Neurosurgery</i> , 2020, 136, 270-282. | 0.7 | 65 |
| 1719 | DNA damage response and resistance of cancer stem cells. <i>Cancer Letters</i> , 2020, 474, 106-117. | 3.2 | 87 |
| 1720 | MCT4 regulates de novo pyrimidine biosynthesis in GBM in a lactate-independent manner. <i>Neuro-Oncology Advances</i> , 2020, 2, vdz062. | 0.4 | 2 |
| 1721 | Metformin as Potential Therapy for High-Grade Glioma. <i>Cancers</i> , 2020, 12, 210. | 1.7 | 52 |
| 1722 | Theranostic OCT microneedle for fast ultrahigh-resolution deep-brain imaging and efficient laser ablation in vivo. <i>Science Advances</i> , 2020, 6, eaaz9664. | 4.7 | 34 |
| 1723 | Organoid Models of Glioblastoma to Study Brain Tumor Stem Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 220. | 1.8 | 38 |
| 1724 | Novel Genetic Melanoma Vaccines Based on Induced Pluripotent Stem Cells or Melanosphere-Derived Stem-Like Cells Display High Efficacy in a murine Tumor Rejection Model. <i>Vaccines</i> , 2020, 8, 147. | 2.1 | 10 |
| 1725 | Multifaceted transforming growth factor-beta (TGF β ²) signalling in glioblastoma. <i>Cellular Signalling</i> , 2020, 72, 109638. | 1.7 | 23 |
| 1726 | Poly(ethylene glycol)-Poly(beta-amino ester)-Based Nanoparticles for Suicide Gene Therapy Enhance Brain Penetration and Extend Survival in a Preclinical Human Glioblastoma Orthotopic Xenograft Model. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 2943-2955. | 2.6 | 26 |
| 1727 | Preferential Expression of B7-H6 in Glioma Stem-Like Cells Enhances Tumor Cell Proliferation via the c-Myc/RNMT Axis. <i>Journal of Immunology Research</i> , 2020, 2020, 1-12. | 0.9 | 15 |
| 1728 | Establishment and Characterisation of Heterotopic Patient-Derived Xenografts for Glioblastoma. <i>Cancers</i> , 2020, 12, 871. | 1.7 | 9 |
| 1729 | Role of Connexins 30, 36, and 43 in Brain Tumors, Neurodegenerative Diseases, and Neuroprotection. <i>Cells</i> , 2020, 9, 846. | 1.8 | 24 |
| 1730 | Pre-clinical tumor models of primary brain tumors: Challenges and opportunities. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2021, 1875, 188458. | 3.3 | 34 |
| 1731 | Alpha 1-antichymotrypsin contributes to stem cell characteristics and enhances tumorigenicity of glioblastoma. <i>Neuro-Oncology</i> , 2021, 23, 599-610. | 0.6 | 23 |
| 1732 | Trends and challenges in modeling glioma using 3D human brain organoids. <i>Cell Death and Differentiation</i> , 2021, 28, 15-23. | 5.0 | 29 |
| 1733 | The evolution of the cancer stem cell state in glioblastoma: emerging insights into the next generation of functional interactions. <i>Neuro-Oncology</i> , 2021, 23, 199-213. | 0.6 | 52 |
| 1734 | PARK7 maintains the stemness of glioblastoma stem cells by stabilizing epidermal growth factor receptor variant III. <i>Oncogene</i> , 2021, 40, 508-521. | 2.6 | 21 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1735 | Single-cell analyses reveal YAP/TAZ as regulators of stemness and cell plasticity in glioblastoma. <i>Nature Cancer</i> , 2021, 2, 174-188. | 5.7 | 83 |
| 1736 | Anti-tumour effects of a dual cancer-specific oncolytic adenovirus on Breast Cancer Stem cells. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 666-676. | 1.6 | 6 |
| 1737 | Steroid receptor coactivator-1 enhances the stemness of glioblastoma by activating long noncoding RNA XIST/miR-152/KLF4 pathway. <i>Cancer Science</i> , 2021, 112, 604-618. | 1.7 | 14 |
| 1738 | CD1d expression in glioblastoma is a promising target for NKT cell-based cancer immunotherapy. <i>Cancer Immunology, Immunotherapy</i> , 2021, 70, 1239-1254. | 2.0 | 15 |
| 1739 | HGF/c-Met Signalling in the Tumor Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1270, 31-44. | 0.8 | 20 |
| 1740 | In Vitro Methods for the Study of Glioblastoma Stem-Like Cell Radiosensitivity. <i>Methods in Molecular Biology</i> , 2021, 2269, 37-47. | 0.4 | 0 |
| 1741 | Clinical treatment and progress of pancreatic cancer stem cells. , 2021, , 469-486. | | 0 |
| 1742 | Hippo Signaling Pathway in Gliomas. <i>Cells</i> , 2021, 10, 184. | 1.8 | 58 |
| 1743 | Intracranially injectable multi-siRNA nanomedicine for the inhibition of glioma stem cells. <i>Neuro-Oncology Advances</i> , 2021, 3, vdab104. | 0.4 | 5 |
| 1744 | Neurospheres and Glial Cell Cultures; from Plating to Cell Phenotyping. <i>Methods in Molecular Biology</i> , 2021, 2311, 131-145. | 0.4 | 0 |
| 1745 | Plexin-B2 facilitates glioblastoma infiltration by modulating cell biomechanics. <i>Communications Biology</i> , 2021, 4, 145. | 2.0 | 16 |
| 1746 | On-chip perivascular niche supporting stemness of patient-derived glioma cells in a serum-free, flowable culture. <i>Lab on A Chip</i> , 2021, 21, 2343-2358. | 3.1 | 19 |
| 1747 | Label-free imaging of human brain tissue at subcellular resolution for potential rapid intra-operative assessment of glioma surgery. <i>Theranostics</i> , 2021, 11, 7222-7234. | 4.6 | 15 |
| 1748 | A multidimensional biosensor system to guide LUAD individualized treatment. <i>Journal of Materials Chemistry B</i> , 2021, 9, 7991-8002. | 2.9 | 3 |
| 1749 | Function of exosomes in neurological disorders and brain tumors. , 2021, 2, 55-79. | | 8 |
| 1750 | Overcoming therapeutic resistance in glioblastoma: Moving beyond the sole targeting of the glioma cells. , 2021, , 91-118. | | 0 |
| 1751 | The Subventricular Zone, a Hideout for Adult and Pediatric High-Grade Glioma Stem Cells. <i>Frontiers in Oncology</i> , 2020, 10, 614930. | 1.3 | 18 |
| 1752 | The Role of Microglia in Glioblastoma. <i>Frontiers in Oncology</i> , 2020, 10, 603495. | 1.3 | 37 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1753 | Genomic imprinting and neurodevelopment. , 2021, , 47-57. | | 0 |
| 1754 | Induced pluripotent stem cells in intestinal diseases. , 2021, , 101-122. | | 0 |
| 1755 | Immunotherapy of Glioblastoma: Current Strategies and Challenges in Tumor Model Development. Cells, 2021, 10, 265. | 1.8 | 50 |
| 1756 | Other cells of the tumor microenvironment. , 2021, , 113-138. | | 0 |
| 1757 | A vasculature-centric approach to developing novel treatment options for glioblastoma. Expert Opinion on Therapeutic Targets, 2021, 25, 87-100. | 1.5 | 9 |
| 1758 | Cancer cell heterogeneity & plasticity in glioblastoma and brain tumors. Seminars in Cancer Biology, 2022, 82, 162-175. | 4.3 | 58 |
| 1759 | Reprogramming Transcription Factors Oct4 and Sox2 Induce a BRD-Dependent Immunosuppressive Transcriptome in GBM-Propagating Cells. Cancer Research, 2021, 81, 2457-2469. | 0.4 | 31 |
| 1760 | Intracellular Autofluorescence as a New Biomarker for Cancer Stem Cells in Glioblastoma. Cancers, 2021, 13, 828. | 1.7 | 3 |
| 1762 | Tumor cell plasticity, heterogeneity, and resistance in crucial microenvironmental niches in glioma. Nature Communications, 2021, 12, 1014. | 5.8 | 81 |
| 1765 | Three-dimensional model of glioblastoma by co-culturing tumor stem cells with human brain organoids. Biology Open, 2021, 10, . | 0.6 | 18 |
| 1766 | Anticancer Properties of the Antipsychotic Drug Chlorpromazine and Its Synergism With Temozolomide in Restraining Human Glioblastoma Proliferation In Vitro. Frontiers in Oncology, 2021, 11, 635472. | 1.3 | 19 |
| 1768 | Regulatory T cells promote glioma cell stemness through TGF- β -NF- κ B-IL6-STAT3 signaling. Cancer Immunology, Immunotherapy, 2021, 70, 2601-2616. | 2.0 | 38 |
| 1769 | Integrative Analysis of miRNA-mediated Competing Endogenous RNA Network Reveals the lncRNAs-mRNAs Interaction in Glioblastoma Stem Cell Differentiation. Current Bioinformatics, 2021, 15, 1187-1196. | 0.7 | 6 |
| 1770 | Understanding the Biological Basis of Glioblastoma Patient-derived Spheroids. Anticancer Research, 2021, 41, 1183-1195. | 0.5 | 3 |
| 1771 | Fronodoside A Inhibits an MYC-Driven Medulloblastoma Model Derived from Human-Induced Pluripotent Stem Cells. Molecular Cancer Therapeutics, 2021, 20, 1199-1209. | 1.9 | 10 |
| 1772 | miRNA-mediated loss of m6A increases nascent translation in glioblastoma. PLoS Genetics, 2021, 17, e1009086. | 1.5 | 22 |
| 1773 | Decipher the Glioblastoma Microenvironment: The First Milestone for New Groundbreaking Therapeutic Strategies. Genes, 2021, 12, 445. | 1.0 | 43 |
| 1774 | Proteogenomics of glioblastoma associates molecular patterns with survival. Cell Reports, 2021, 34, 108787. | 2.9 | 31 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1775 | Role of glioblastoma stem cells in cancer therapeutic resistance: a perspective on antineoplastic agents from natural sources and chemical derivatives. <i>Stem Cell Research and Therapy</i> , 2021, 12, 206. | 2.4 | 91 |
| 1776 | Human Cerebrospinal Fluid Modulates Pathways Promoting Glioblastoma Malignancy. <i>Frontiers in Oncology</i> , 2021, 11, 624145. | 1.3 | 11 |
| 1777 | Targeting Protein Kinase C in Glioblastoma Treatment. <i>Biomedicines</i> , 2021, 9, 381. | 1.4 | 13 |
| 1778 | Temozolomide: An Updated Overview of Resistance Mechanisms, Nanotechnology Advances and Clinical Applications. <i>Current Neuropharmacology</i> , 2021, 19, 513-537. | 1.4 | 40 |
| 1779 | The white matter is a pro-differentiative niche for glioblastoma. <i>Nature Communications</i> , 2021, 12, 2184. | 5.8 | 37 |
| 1780 | EGFR Activates a TAZ-Driven Oncogenic Program in Glioblastoma. <i>Cancer Research</i> , 2021, 81, 3580-3592. | 0.4 | 12 |
| 1781 | MicroRNA Expression Profile Distinguishes Glioblastoma Stem Cells from Differentiated Tumor Cells. <i>Journal of Personalized Medicine</i> , 2021, 11, 264. | 1.1 | 12 |
| 1782 | 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 |
| 1783 | The Role of Neurodevelopmental Pathways in Brain Tumors. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 659055. | 1.8 | 26 |
| 1785 | Imaging Metformin Efficacy as Add-On Therapy in Cells and Mouse Models of Human EGFR Glioblastoma. <i>Frontiers in Oncology</i> , 2021, 11, 664149. | 1.3 | 8 |
| 1786 | Auger electron therapy of glioblastoma using [125I]5-iodo-2- ¹⁴ C-deoxyuridine and concomitant chemotherapy – Evaluation of a potential treatment strategy. <i>Nuclear Medicine and Biology</i> , 2021, 96-97, 35-40. | 0.3 | 2 |
| 1787 | Revisiting Platinum-Based Anticancer Drugs to Overcome Gliomas. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5111. | 1.8 | 18 |
| 1789 | Cancer of unknown primary stem-like cells model multi-organ metastasis and unveil liability to MEK inhibition. <i>Nature Communications</i> , 2021, 12, 2498. | 5.8 | 20 |
| 1790 | In Vitro Glioblastoma Models: A Journey into the Third Dimension. <i>Cancers</i> , 2021, 13, 2449. | 1.7 | 27 |
| 1792 | Radiation and Adjuvant Drug-Loaded Liposomes target Glioblastoma Stem Cells and Trigger <i>in-situ</i> Immune Response. <i>Neuro-Oncology Advances</i> , 2021, 3, vdab076. | 0.4 | 9 |
| 1793 | Ventricle contact may be associated with higher 11C methionine PET uptake in glioblastoma. <i>Neuroradiology</i> , 2022, 64, 247-252. | 1.1 | 2 |
| 1794 | Novel Treatment for Glioblastoma Delivered by a Radiation Responsive and Radiopaque Hydrogel. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 3209-3220. | 2.6 | 20 |
| 1797 | The inverse paradigm and the ancestral cell of IDH-wildtype glioblastoma. <i>Clinical and Translational Oncology</i> , 2021, , 1. | 1.2 | 0 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1798 | Evidence of Reelin Signaling in GBM and Its Derived Cancer Stem Cells. <i>Brain Sciences</i> , 2021, 11, 745. | 1.1 | 3 |
| 1799 | The Radiosensitizing Effect of AZD0530 in Glioblastoma and Glioblastoma Stem-Like Cells. <i>Molecular Cancer Therapeutics</i> , 2021, 20, 1672-1679. | 1.9 | 6 |
| 1800 | DDRugging glioblastoma: understanding and targeting the DNA damage response to improve future therapies. <i>Molecular Oncology</i> , 2022, 16, 11-41. | 2.1 | 16 |
| 1801 | Repurposing of Anticancer Stem Cell Drugs in Brain Tumors. <i>Journal of Histochemistry and Cytochemistry</i> , 2021, 69, 002215542110254. | 1.3 | 5 |
| 1802 | Dual Role of Integrin Alpha-6 in Glioblastoma: Supporting Stemness in Proneural Stem-Like Cells While Inducing Radioresistance in Mesenchymal Stem-Like Cells. <i>Cancers</i> , 2021, 13, 3055. | 1.7 | 6 |
| 1803 | Glioblastoma Proximity to the Lateral Ventricle Alters Neurogenic Cell Populations of the Subventricular Zone. <i>Frontiers in Oncology</i> , 2021, 11, 650316. | 1.3 | 7 |
| 1804 | Molecular Characterization of AEBP1 at Transcriptional Level in Glioma. <i>BioMed Research International</i> , 2021, 2021, 1-16. | 0.9 | 2 |
| 1805 | A Fast and Efficient Approach to Obtaining High-Purity Glioma Stem Cell Culture. <i>Frontiers in Genetics</i> , 2021, 12, 639858. | 1.1 | 3 |
| 1806 | Role and mechanism of neural stem cells of the subventricular zone in glioblastoma. <i>World Journal of Stem Cells</i> , 2021, 13, 877-893. | 1.3 | 23 |
| 1807 | Epigenetic modulators for brain cancer stem cells: Implications for anticancer treatment. <i>World Journal of Stem Cells</i> , 2021, 13, 670-684. | 1.3 | 7 |
| 1808 | Phosphorylated WNK kinase networks in recoded bacteria recapitulate physiological function. <i>Cell Reports</i> , 2021, 36, 109416. | 2.9 | 5 |
| 1809 | Identification of Chemo and Radio-Resistant Sub-Population of Stem Cells in Human Cervical Cancer HeLa Cells. <i>Cancer Investigation</i> , 2021, 39, 661-674. | 0.6 | 7 |
| 1810 | Proteases Regulate Cancer Stem Cell Properties and Remodel Their Microenvironment. <i>Journal of Histochemistry and Cytochemistry</i> , 2021, 69, 775-794. | 1.3 | 6 |
| 1811 | Targeting Glioblastoma Stem Cells: A Review on Biomarkers, Signal Pathways and Targeted Therapy. <i>Frontiers in Oncology</i> , 2021, 11, 701291. | 1.3 | 38 |
| 1812 | The Renin-Angiotensin System in the Tumor Microenvironment of Glioblastoma. <i>Cancers</i> , 2021, 13, 4004. | 1.7 | 11 |
| 1813 | ERK Phosphorylation Regulates the Aml1/Runx1 Splice Variants and the TRP Channels Expression during the Differentiation of Glioma Stem Cell Lines. <i>Cells</i> , 2021, 10, 2052. | 1.8 | 7 |
| 1814 | A developmental stage- and Kidins220-dependent switch in astrocyte responsiveness to brain-derived neurotrophic factor. <i>Journal of Cell Science</i> , 2021, 134, . | 1.2 | 10 |
| 1815 | Functional Characterization of Brain Tumor-Initiating Cells and Establishment of GBM Preclinical Models that Incorporate Heterogeneity, Therapy, and Sex Differences. <i>Molecular Cancer Therapeutics</i> , 2021, 20, 2585-2597. | 1.9 | 16 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1816 | Adjusting the Molecular Clock: The Importance of Circadian Rhythms in the Development of Glioblastomas and Its Intervention as a Therapeutic Strategy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8289. | 1.8 | 10 |
| 1817 | The 3.0 Cell Communication: New Insights in the Usefulness of Tunneling Nanotubes for Glioblastoma Treatment. <i>Cancers</i> , 2021, 13, 4001. | 1.7 | 13 |
| 1818 | WNT Signaling as a Therapeutic Target for Glioblastoma. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8428. | 1.8 | 32 |
| 1819 | Transcriptional control of brain tumor stem cells by a carbohydrate binding protein. <i>Cell Reports</i> , 2021, 36, 109647. | 2.9 | 18 |
| 1820 | Isolation and Culture of Neural Stem/Progenitor Cells from the Postnatal Periventricular Region. <i>Methods in Molecular Biology</i> , 2022, 2389, 11-31. | 0.4 | 2 |
| 1821 | Glioblastoma cell migration is directed by electrical signals. <i>Experimental Cell Research</i> , 2021, 406, 112736. | 1.2 | 8 |
| 1822 | Strategic Development of an Immunotoxin for the Treatment of Glioblastoma and Other Tumours Expressing the Calcitonin Receptor. <i>Cells</i> , 2021, 10, 2347. | 1.8 | 2 |
| 1823 | Personalized models of heterogeneous 3D epithelial tumor microenvironments: Ovarian cancer as a model. <i>Acta Biomaterialia</i> , 2021, 132, 401-420. | 4.1 | 9 |
| 1824 | circMELK promotes glioblastoma multiforme cell tumorigenesis through the miR-593/EphB2 axis. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 25, 25-36. | 2.3 | 20 |
| 1825 | Evaluation of Comprehensive Gene Expression and NK Cell-Mediated Killing in Glioblastoma Cell Line-Derived Spheroids. <i>Cancers</i> , 2021, 13, 4896. | 1.7 | 12 |
| 1826 | Synchrotron-Based Fourier-Transform Infrared Micro-Spectroscopy (SR-FTIRM) Fingerprint of the Small Anionic Molecule Cobaltabis(dicarbollide) Uptake in Glioma Stem Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9937. | 1.8 | 9 |
| 1827 | Targeting UDP- β -D-glucose 6-dehydrogenase alters the CNS tumor immune microenvironment and inhibits glioblastoma growth. <i>Genes and Diseases</i> , 2022, 9, 717-730. | 1.5 | 6 |
| 1828 | Cell plasticity, senescence, and quiescence in cancer stem cells: Biological and therapeutic implications. , 2022, 231, 107985. | | 44 |
| 1829 | Bazedoxifene inhibits sustained STAT3 activation and increases survival in GBM. <i>Translational Oncology</i> , 2021, 14, 101192. | 1.7 | 8 |
| 1830 | Glioma stem cells, plasticity, and potential therapeutic vulnerabilities. , 2021, , 83-102. | | 0 |
| 1831 | Mechanisms of glioblastoma resistance to antiangiogenic agents and reversal approaches. , 2021, , 429-452. | | 1 |
| 1832 | Cell surface GRP78 regulates BACE2 via lysosome-dependent manner to maintain mesenchymal phenotype of glioma stem cells. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 20. | 3.5 | 17 |
| 1833 | Novel Magnetic Resonance Imaging and Positron Emission Tomography in the RT Planning and Assessment of Response of Malignant Gliomas. , 2021, , 1031-1048. | | 2 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1834 | Intervention of IL-8-CXCR2 axis to reverse the resistance to GBM therapies. , 2021, , 65-81. | | 0 |
| 1835 | The Strange Case of Jekyll and Hyde: Parallels Between Neural Stem Cells and Glioblastoma-Initiating Cells. <i>Frontiers in Oncology</i> , 2020, 10, 603738. | 1.3 | 7 |
| 1836 | Targeting the molecular mechanisms of glioma stem cell resistance to chemotherapy. , 2021, , 587-634. | | 1 |
| 1837 | Glioma stem cells and associated molecular mechanisms in Glioblastoma Chemoresistance. , 2021, , 135-151. | | 0 |
| 1838 | Pancreatic Cancer Stem Cells. , 2010, , 317-331. | | 1 |
| 1839 | Adult Neural Stem Cells and Gliomagenesis. , 2010, , 153-165. | | 2 |
| 1841 | Biological Horizons for Targeting Brain Malignancy. <i>Advances in Experimental Medicine and Biology</i> , 2010, 671, 93-104. | 0.8 | 3 |
| 1842 | Generation of Murine Xenograft Models of Brain Tumors from Primary Human Tissue for In Vivo Analysis of the Brain Tumor-Initiating Cell. <i>Methods in Molecular Biology</i> , 2014, 1210, 37-49. | 0.4 | 5 |
| 1843 | Introduction to Brain Tumor Stem Cells. <i>Methods in Molecular Biology</i> , 2019, 1869, 1-9. | 0.4 | 7 |
| 1844 | Cancer Stem Cells Implications for Development of More Effective Therapies. , 2006, , 125-136. | | 3 |
| 1845 | Neurosphere Culture and Human Organotypic Model to Evaluate Brain Tumor Stem Cells. <i>Methods in Molecular Biology</i> , 2009, 568, 73-83. | 0.4 | 41 |
| 1846 | Characterization of Nonmalignant and Malignant Prostatic Stem/Progenitor Cells by Hoechst Side Population Method. <i>Methods in Molecular Biology</i> , 2009, 568, 139-149. | 0.4 | 19 |
| 1847 | Solid Tumor Stem Cells – Implications for Cancer Therapy. , 2009, , 527-543. | | 1 |
| 1848 | Glioma Stem Cells in the Context of Oncogenesis. , 2009, , 115-126. | | 3 |
| 1849 | Targeting Brain Tumor Stem Cells with Oncolytic Adenoviruses. <i>Methods in Molecular Biology</i> , 2012, 797, 111-125. | 0.4 | 22 |
| 1850 | Cancer Stem Cells: Current Concepts and Therapeutic Implications. , 2012, , 227-235. | | 2 |
| 1851 | Chemoresistance in Glioma. , 2013, , 243-270. | | 2 |
| 1852 | <i>Drosophila melanogaster</i> as a Model System for Human Glioblastomas. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1167, 207-224. | 0.8 | 11 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1853 | Pathophysiology of Tumor Cell Release into the Circulation and Characterization of CTC. Recent Results in Cancer Research, 2020, 215, 3-24. | 1.8 | 2 |
| 1854 | STAT Signaling in Glioma Cells. Advances in Experimental Medicine and Biology, 2020, 1202, 203-222. | 0.8 | 62 |
| 1855 | Tenascin-C Function in Glioma: Immunomodulation and Beyond. Advances in Experimental Medicine and Biology, 2020, 1272, 149-172. | 0.8 | 23 |
| 1856 | Emerging Strategies for the Treatment of Tumor Stem Cells in Central Nervous System Malignancies. Advances in Experimental Medicine and Biology, 2015, 853, 167-187. | 0.8 | 2 |
| 1857 | The Blood-Brain Barrier in Glioblastoma: Pathology and Therapeutic Implications. Resistance To Targeted Anti-cancer Therapeutics, 2016, , 69-87. | 0.1 | 2 |
| 1858 | Brain Tumor Stem Cells. Recent Results in Cancer Research, 2009, 171, 241-259. | 1.8 | 3 |
| 1859 | Cancer: A Stem Cell-based Disease?. , 2009, , 185-222. | | 4 |
| 1860 | Cell-Cell Fusions and Human Endogenous Retroviruses in Cancer. , 2011, , 395-426. | | 3 |
| 1861 | Common Denominators of Self-renewal and Malignancy in Neural Stem Cells and Glioma. , 2012, , 387-418. | | 1 |
| 1862 | Histamine in the Neural and Cancer Stem Cell Niches. Stem Cells and Cancer Stem Cells, 2014, , 3-17. | 0.1 | 2 |
| 1863 | STEM CELL THERAPY FOR BRAIN TUMORS. , 2008, , 145-159. | | 2 |
| 1864 | Invasion in Malignant Glioma. , 2011, , 1141-1150. | | 2 |
| 1865 | The adult human subventricular zone: partial ependymal coverage and proliferative capacity of cerebrospinal fluid. Brain Communications, 2020, 2, fcaa150. | 1.5 | 10 |
| 1870 | Stem Cell Aging and Cancer. Science of Aging Knowledge Environment: SAGE KE, 2006, 2006, pe12-pe12. | 0.9 | 2 |
| 1871 | Chromatin remodeler HELLS maintains glioma stem cells through E2F3 and MYC. JCI Insight, 2019, 4, . | 2.3 | 30 |
| 1872 | Epigenetic modulator inhibition overcomes temozolomide chemoresistance and antagonizes tumor recurrence of glioblastoma. Journal of Clinical Investigation, 2020, 130, 5782-5799. | 3.9 | 16 |
| 1873 | Lineage-specific splicing of a brain-enriched alternative exon promotes glioblastoma progression. Journal of Clinical Investigation, 2014, 124, 2861-2876. | 3.9 | 83 |
| 1874 | Î³-Secretase inhibitor-resistant glioblastoma stem cells require RBPJ to propagate. Journal of Clinical Investigation, 2016, 126, 2415-2418. | 3.9 | 6 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1875 | Building the case for the calcitonin receptor as a viable target for the treatment of glioblastoma. Therapeutic Advances in Medical Oncology, 2020, 12, 175883592097811. | 1.4 | 5 |
| 1876 | General pathology of the centralnervous system. , 2008, , 1-62. | | 4 |
| 1877 | Tumours. , 2008, , 1821-2000. | | 6 |
| 1878 | Gamma-Secretase Represents a Therapeutic Target for the Treatment of Invasive Glioma Mediated by the p75 Neurotrophin Receptor. PLoS Biology, 2008, 6, e289. | 2.6 | 66 |
| 1879 | Glial Progenitor-Like Phenotype in Low-Grade Glioma and Enhanced CD133-Expression and Neuronal Lineage Differentiation Potential in High-Grade Glioma. PLoS ONE, 2008, 3, e1936. | 1.1 | 103 |
| 1880 | Remission of Invasive, Cancer Stem-Like Glioblastoma Xenografts Using Lentiviral Vector-Mediated Suicide Gene Therapy. PLoS ONE, 2009, 4, e6314. | 1.1 | 53 |
| 1881 | GSK3 β Regulates Differentiation and Growth Arrest in Glioblastoma. PLoS ONE, 2009, 4, e7443. | 1.1 | 138 |
| 1882 | Inhibition of Glioblastoma Growth by the Thiadiazolidinone Compound TDZD-8. PLoS ONE, 2010, 5, e13879. | 1.1 | 28 |
| 1883 | Determination of Somatic and Cancer Stem Cell Self-Renewing Symmetric Division Rate Using Sphere Assays. PLoS ONE, 2011, 6, e15844. | 1.1 | 52 |
| 1884 | Analysis of Epithelial and Mesenchymal Markers in Ovarian Cancer Reveals Phenotypic Heterogeneity and Plasticity. PLoS ONE, 2011, 6, e16186. | 1.1 | 153 |
| 1885 | Clinical Relevance of Tumor Cells with Stem-Like Properties in Pediatric Brain Tumors. PLoS ONE, 2011, 6, e16375. | 1.1 | 57 |
| 1886 | Genetic and Epigenetic Modifications of Sox2 Contribute to the Invasive Phenotype of Malignant Gliomas. PLoS ONE, 2011, 6, e26740. | 1.1 | 187 |
| 1887 | Identification of a Potential Ovarian Cancer Stem Cell Gene Expression Profile from Advanced Stage Papillary Serous Ovarian Cancer. PLoS ONE, 2012, 7, e29079. | 1.1 | 87 |
| 1888 | Cord Blood Stem Cells Inhibit Epidermal Growth Factor Receptor Translocation to Mitochondria in Glioblastoma. PLoS ONE, 2012, 7, e31884. | 1.1 | 15 |
| 1889 | Elevating SOX2 Levels Deleteriously Affects the Growth of Medulloblastoma and Glioblastoma Cells. PLoS ONE, 2012, 7, e44087. | 1.1 | 49 |
| 1890 | Sphere Culture of Murine Lung Cancer Cell Lines Are Enriched with Cancer Initiating Cells. PLoS ONE, 2012, 7, e49752. | 1.1 | 55 |
| 1891 | MicroRNA-145 Is Downregulated in Glial Tumors and Regulates Glioma Cell Migration by Targeting Connective Tissue Growth Factor. PLoS ONE, 2013, 8, e54652. | 1.1 | 94 |
| 1892 | Prominin 1/CD133 Endothelium Sustains Growth of Proneural Glioma. PLoS ONE, 2013, 8, e62150. | 1.1 | 15 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1893 | Tumorspheres but Not Adherent Cells Derived from Retinoblastoma Tumors Are of Malignant Origin. PLoS ONE, 2013, 8, e63519. | 1.1 | 18 |
| 1894 | Podocalyxin-Like Protein Is Expressed in Glioblastoma Multiforme Stem-Like Cells and Is Associated with Poor Outcome. PLoS ONE, 2013, 8, e75945. | 1.1 | 38 |
| 1895 | Tumor-Specific Chromosome Mis-Segregation Controls Cancer Plasticity by Maintaining Tumor Heterogeneity. PLoS ONE, 2013, 8, e80898. | 1.1 | 16 |
| 1896 | BAFF, APRIL, TWEAK, BCMA, TACI and Fn14 Proteins Are Related to Human Glioma Tumor Grade: Immunohistochemistry and Public Microarray Data Meta-Analysis. PLoS ONE, 2013, 8, e83250. | 1.1 | 27 |
| 1897 | A Novel Berbamine Derivative Inhibits Cell Viability and Induces Apoptosis in Cancer Stem-Like Cells of Human Glioblastoma, via Up-Regulation of miRNA-4284 and JNK/AP-1 Signaling. PLoS ONE, 2014, 9, e94443. | 1.1 | 57 |
| 1898 | Novel Anti-Apoptotic MicroRNAs 582-5p and 363 Promote Human Glioblastoma Stem Cell Survival via Direct Inhibition of Caspase 3, Caspase 9, and Bim. PLoS ONE, 2014, 9, e96239. | 1.1 | 95 |
| 1899 | Selective Calcium Sensitivity in Immature Glioma Cancer Stem Cells. PLoS ONE, 2014, 9, e115698. | 1.1 | 23 |
| 1900 | Histological Characterization of the Tumorigenic "Peri-Necrotic Niche" Harboring Quiescent Stem-Like Tumor Cells in Glioblastoma. PLoS ONE, 2016, 11, e0147366. | 1.1 | 55 |
| 1901 | Anatomical Involvement of the Subventricular Zone Predicts Poor Survival Outcome in Low-Grade Astrocytomas. PLoS ONE, 2016, 11, e0154539. | 1.1 | 35 |
| 1902 | MERTK Inhibition Induces Polyploidy and Promotes Cell Death and Cellular Senescence in Glioblastoma Multiforme. PLoS ONE, 2016, 11, e0165107. | 1.1 | 23 |
| 1903 | The JAK2/STAT3 inhibitor pacritinib effectively inhibits patient-derived GBM brain tumor initiating cells in vitro and when used in combination with temozolomide increases survival in an orthotopic xenograft model. PLoS ONE, 2017, 12, e0189670. | 1.1 | 51 |
| 1904 | Cancer stem cells and autophagy: Facts and Perspectives. Journal of Cancer Stem Cell Research, 2014, 2, 1. | 1.1 | 12 |
| 1905 | Facilitating tailored therapeutic strategies for glioblastoma through an orthotopic patient-derived xenograft platform. Histology and Histopathology, 2016, 31, 269-83. | 0.5 | 7 |
| 1906 | Genetic analysis to complement histopathological diagnosis of brain tumors. Histology and Histopathology, 2007, 22, 327-35. | 0.5 | 15 |
| 1907 | Human Adult Stem Cells as the Target Cells for the Initiation of Carcinogenesis and for the Generation of "Cancer Stem Cells". International Journal of Stem Cells, 2008, 1, 8-26. | 0.8 | 25 |
| 1908 | Cancer Stem Cells in Brain Tumors and Their Lineage Hierarchy. International Journal of Stem Cells, 2012, 5, 12-15. | 0.8 | 9 |
| 1909 | Early Differentiating Mouse Astroglial Progenitors Share Common Protein Signatures with GL261 Glioma Cells. Journal of Stem Cell and Regenerative Biology, 2016, 2, 1-15. | 0.2 | 1 |
| 1910 | VEGF IN NEOPLASTIC ANGIOGENESIS. Vestnik Rossiiskoi Akademii Meditsinskikh Nauk, 2012, 67, 23-34. | 0.2 | 21 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1911 | Rola autofagii w komórkach nowotworowych: charakterystyka wzajemnych zależności pomiędzy procesami autofagii i apoptozy; modulacja autofagii jako nowa strategia terapeutyczna w leczeniu glejaków. Postepy Biochemii, 2018, 64, 119-128. | 0.5 | 15 |
| 1912 | Tie2/TEK modulates the interaction of glioma and brain tumor stem cells with endothelial cells and promotes an invasive phenotype. Oncotarget, 2010, 1, 700-9. | 0.8 | 37 |
| 1913 | RhoGDI β suppresses self-renewal and tumorigenesis of glioma stem cells. Oncotarget, 2016, 7, 61619-61629. | 0.8 | 9 |
| 1914 | Reversibility of glioma stem cells TM phenotypes explains their complex <i>in vitro</i> and <i>in vivo</i> behavior: Discovery of a novel neurosphere-specific enzyme, cGMP-dependent protein kinase 1, using the genomic landscape of human glioma stem cells as a discovery tool. Oncotarget, 2016, 7, 63020-63041. | 0.8 | 12 |
| 1915 | Tumor-initiating cell frequency is relevant for glioblastoma aggressiveness. Oncotarget, 2016, 7, 71491-71503. | 0.8 | 11 |
| 1916 | Cancer stem cells from human glioblastoma resemble but do not mimic original tumors after <i>in vitro</i> passaging in serum-free media. Oncotarget, 2016, 7, 65888-65901. | 0.8 | 28 |
| 1917 | Analysis of angiogenesis related factors in glioblastoma, peritumoral tissue and their derived cancer stem cells. Oncotarget, 2016, 7, 78541-78556. | 0.8 | 44 |
| 1918 | Coordination of signalling networks and tumorigenic properties by ABL in glioblastoma cells. Oncotarget, 2016, 7, 74747-74767. | 0.8 | 12 |
| 1919 | FOXM1 and STAT3 interaction confers radioresistance in glioblastoma cells. Oncotarget, 2016, 7, 77365-77377. | 0.8 | 55 |
| 1920 | CXCR4 increases <i>in-vivo</i> glioma perivascular invasion, and reduces radiation induced apoptosis: A genetic knockdown study. Oncotarget, 2016, 7, 83701-83719. | 0.8 | 75 |
| 1921 | Patient-derived glioblastoma stem cells respond differentially to targeted therapies. Oncotarget, 2016, 7, 86406-86419. | 0.8 | 31 |
| 1922 | ZNF131 suppresses centrosome fragmentation in glioblastoma stem-like cells through regulation of HAUS5. Oncotarget, 2017, 8, 48545-48562. | 0.8 | 19 |
| 1923 | Radioresistance of mesenchymal glioblastoma initiating cells correlates with patient outcome and is associated with activation of inflammatory program. Oncotarget, 2017, 8, 73640-73653. | 0.8 | 33 |
| 1924 | RNA binding protein RBM14 promotes radio-resistance in glioblastoma by regulating DNA repair and cell differentiation. Oncotarget, 2014, 5, 2820-2826. | 0.8 | 49 |
| 1925 | Glioblastoma and glioblastoma stem cells are dependent on functional MTH1. Oncotarget, 2017, 8, 84671-84684. | 0.8 | 29 |
| 1926 | Epidermal growth factor receptor activity is elevated in glioma cancer stem cells and is required to maintain chemotherapy and radiation resistance. Oncotarget, 2017, 8, 72494-72512. | 0.8 | 27 |
| 1927 | Tie2/TEK Modulates the Interaction of Glioma and Brain Tumor Stem Cells with Endothelial Cells and Promotes an Invasive Phenotype. Oncotarget, 2010, 1, 700-709. | 0.8 | 56 |
| 1928 | Hedgehog signaling sensitizes Glioma stem cells to endogenous nano-irradiation. Oncotarget, 2014, 5, 5483-5493. | 0.8 | 30 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1929 | The EZH2 inhibitor GSK343 suppresses cancer stem-like phenotypes and reverses mesenchymal transition in glioma cells. <i>Oncotarget</i> , 2017, 8, 98348-98359. | 0.8 | 57 |
| 1930 | A molecular view of the radioresistance of gliomas. <i>Oncotarget</i> , 2017, 8, 100931-100941. | 0.8 | 67 |
| 1931 | CPEB1 modulates differentiation of glioma stem cells via downregulation of HES1 and SIRT1 expression. <i>Oncotarget</i> , 2014, 5, 6756-6769. | 0.8 | 37 |
| 1932 | The polo-like kinase 1 inhibitor volasertib synergistically increases radiation efficacy in glioma stem cells. <i>Oncotarget</i> , 2018, 9, 10497-10509. | 0.8 | 18 |
| 1933 | Proscillaridin A is cytotoxic for glioblastoma cell lines and controls tumor xenograft growth <i>in vivo</i> . <i>Oncotarget</i> , 2014, 5, 10934-10948. | 0.8 | 43 |
| 1934 | WNK1 kinase and its partners Akt, SGK1 and NBC-family Na ⁺ /HCO ₃ ^{âˆ’} cotransporters are potential therapeutic targets for glioblastoma stem-like cells linked to Bisacodyl signaling. <i>Oncotarget</i> , 2018, 9, 27197-27219. | 0.8 | 5 |
| 1935 | Association of Notch-1, osteopontin and stem-like cells in ENU-glioma malignant process. <i>Oncotarget</i> , 2018, 9, 31330-31341. | 0.8 | 4 |
| 1936 | Mitochondrial p32 is upregulated in Myc expressing brain cancers and mediates glutamine addiction. <i>Oncotarget</i> , 2015, 6, 1157-1170. | 0.8 | 39 |
| 1937 | EB1-dependent long survival of glioblastoma-grafted mice with the oral tubulin-binder BAL101553 is associated with inhibition of tumor angiogenesis. <i>Oncotarget</i> , 2020, 11, 759-774. | 0.8 | 11 |
| 1938 | Lateral inhibition of Notch signaling in neoplastic cells. <i>Oncotarget</i> , 2015, 6, 1666-1677. | 0.8 | 24 |
| 1939 | Activation of NRF2 by p62 and proteasome reduction in sphere-forming breast carcinoma cells. <i>Oncotarget</i> , 2015, 6, 8167-8184. | 0.8 | 68 |
| 1940 | Cord blood stem cells revert glioma stem cell EMT by down regulating transcriptional activation of Sox2 and Twist1. <i>Oncotarget</i> , 2011, 2, 1028-1042. | 0.8 | 65 |
| 1941 | CDC20 maintains tumor initiating cells. <i>Oncotarget</i> , 2015, 6, 13241-13254. | 0.8 | 53 |
| 1942 | The gain-of-function GLI1 transcription factor TGLI1 enhances expression of VEGF-C and TEM7 to promote glioblastoma angiogenesis. <i>Oncotarget</i> , 2015, 6, 22653-22665. | 0.8 | 46 |
| 1943 | Aberrant mesenchymal differentiation of glioma stem-like cells: implications for therapeutic targeting. <i>Oncotarget</i> , 2015, 6, 31007-31017. | 0.8 | 24 |
| 1944 | Disulfiram, a drug widely used to control alcoholism, suppresses self-renewal of glioblastoma and overrides resistance to temozolomide. <i>Oncotarget</i> , 2012, 3, 1112-1123. | 0.8 | 123 |
| 1945 | Atracurium Besylate and other neuromuscular blocking agents promote astroglial differentiation and deplete glioblastoma stem cells. <i>Oncotarget</i> , 2016, 7, 459-472. | 0.8 | 24 |
| 1946 | Molecular heterogeneity of glioblastomas: does location matter?. <i>Oncotarget</i> , 2016, 7, 902-913. | 0.8 | 15 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1947 | Nuclear factor one B (<i>NFIB</i>) encodes a subtype-specific tumour suppressor in glioblastoma. <i>Oncotarget</i> , 2016, 7, 29306-29320. | 0.8 | 34 |
| 1948 | Salinomycin induced ROS results in abortive autophagy and leads to regulated necrosis in glioblastoma. <i>Oncotarget</i> , 2016, 7, 30626-30641. | 0.8 | 55 |
| 1949 | Cellular prion protein controls stem cell-like properties of human glioblastoma tumor-initiating cells. <i>Oncotarget</i> , 2016, 7, 38638-38657. | 0.8 | 53 |
| 1950 | HMGA2 sustains self-renewal and invasiveness of glioma-initiating cells. <i>Oncotarget</i> , 2016, 7, 44365-44380. | 0.8 | 22 |
| 1951 | MET: roles in epithelial-mesenchymal transition and cancer stemness. <i>Annals of Translational Medicine</i> , 2017, 5, 5-5. | 0.7 | 69 |
| 1952 | Emerging Variant Glioma: Glioblastoma with a Primitive Neuro-Ectodermal Tumor(PNET) Component. <i>The Nerve</i> , 1970, 1, 40-43. | 0.2 | 4 |
| 1953 | Role of ATP-Binding Cassette Transporter Proteins in CNS Tumors: Resistance- Based Perspectives and Clinical Updates. <i>Current Pharmaceutical Design</i> , 2020, 26, 4747-4763. | 0.9 | 7 |
| 1954 | Oncolytic Adenovirus: Preclinical and Clinical Studies in Patients with Human Malignant Gliomas. <i>Current Gene Therapy</i> , 2009, 9, 422-427. | 0.9 | 99 |
| 1955 | Feasibility of Targeting Glioblastoma Stem Cells: From Concept to Clinical Trials. <i>Current Topics in Medicinal Chemistry</i> , 2020, 19, 2974-2984. | 1.0 | 9 |
| 1956 | The Oncogenic Potential of Mesenchymal Stem Cells in the Treatment of Cancer: Directions for Future Research. <i>Current Immunology Reviews</i> , 2010, 6, 137-148. | 1.2 | 85 |
| 1957 | Cancer Stem Cells in Pediatric Brain Tumors. <i>Current Stem Cell Research and Therapy</i> , 2009, 4, 298-305. | 0.6 | 16 |
| 1958 | Gliomagenesis and the Use of Neural Stem Cells in Brain Tumor Treatment. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2010, 10, 121-130. | 0.9 | 34 |
| 1959 | Angiogenesis and Hypoxia in Glioblastoma: A Focus on Cancer Stem Cells. <i>CNS and Neurological Disorders - Drug Targets</i> , 2012, 11, 878-883. | 0.8 | 24 |
| 1960 | Regulation of the Expression of Cytoplasmic Polyadenylation Element Binding Proteins for the Treatment of Cancer. <i>Anticancer Research</i> , 2016, 36, 5673-5680. | 0.5 | 24 |
| 1961 | Cancer Stem Cell Gene Variants in CD44 Predict Outcome in Stage II and Stage III Colon Cancer Patients. <i>Anticancer Research</i> , 2017, 37, 2011-2018. | 0.5 | 13 |
| 1962 | Stem cells and models of astrocytomas. <i>Clinical and Investigative Medicine</i> , 2009, 32, 166. | 0.3 | 4 |
| 1963 | Accelerated cancer aggressiveness by viral oncomodulation: New targets and newer natural treatments for cancer control and treatment. , 2019, 10, 199. | | 6 |
| 1964 | Molecular diagnosis of pancreatic cancer where do we stand. <i>Frontiers in Bioscience - Scholar</i> , 2010, S2, 578-590. | 0.8 | 2 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1965 | Ventricle contact is associated with lower survival and increased peritumoral perfusion in glioblastoma. <i>Journal of Neurosurgery</i> , 2019, 131, 717-723. | 0.9 | 15 |
| 1966 | Differential signature of the centrosomal MARK4 isoforms in glioma. <i>Analytical Cellular Pathology</i> , 2011, 34, 319-38. | 0.7 | 13 |
| 1967 | Genomic Imprinting and the Regulation of Postnatal Neurogenesis. <i>Brain Plasticity</i> , 2017, 3, 89-98. | 1.9 | 12 |
| 1968 | Effect of radiation dose to the periventricular zone and subventricular zone on survival in anaplastic gliomas. <i>Ecancermedalscience</i> , 2019, 13, 956. | 0.6 | 1 |
| 1969 | Prospective study to assess the survival outcomes of planned irradiation of ipsilateral subventricular and periventricular zones in glioblastoma. <i>Ecancermedalscience</i> , 2020, 14, 1021. | 0.6 | 7 |
| 1971 | Nanoparticles for Stem Cell Therapy Bioengineering in Glioma. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 558375. | 2.0 | 13 |
| 1972 | Therapeutic Targeting of Cancer Stem Cells. <i>Frontiers in Oncology</i> , 2011, 1, 10. | 1.3 | 22 |
| 1973 | Rapalink-1 Targets Glioblastoma Stem Cells and Acts Synergistically with Tumor Treating Fields to Reduce Resistance against Temozolomide. <i>Cancers</i> , 2020, 12, 3859. | 1.7 | 20 |
| 1974 | Nanomedicine: A Useful Tool against Glioma Stem Cells. <i>Cancers</i> , 2021, 13, 9. | 1.7 | 24 |
| 1975 | Isolation and biological analysis of tumor stem cells from pancreatic adenocarcinoma. <i>World Journal of Gastroenterology</i> , 2008, 14, 3903. | 1.4 | 51 |
| 1976 | Glioblastoma Unique Features Drive the Ways for Innovative Therapies in the Trunk-branch Era. <i>Folia Medica</i> , 2019, 61, 7-22. | 0.2 | 3 |
| 1977 | The top cited articles on glioma stem cells in Web of Science. <i>Neural Regeneration Research</i> , 2013, 8, 1431-8. | 1.6 | 12 |
| 1978 | The Impact of Neural Stem Cell Biology on CNS Carcinogenesis and Tumor Types. <i>Pathology Research International</i> , 2011, 2011, 1-4. | 1.4 | 2 |
| 1979 | Mapping theme trends and knowledge structures for human neural stem cells: a quantitative and co-word biclustering analysis for the 2013â€“2018 period. <i>Neural Regeneration Research</i> , 2019, 14, 1823. | 1.6 | 18 |
| 1980 | Cancer microenvironment, inflammation and cancer stem cells: A hypothesis for a paradigm change and new targets in cancer control. , 2015, 6, 92. | | 52 |
| 1981 | 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 |
| 1982 | Convergence of normal stem cell and cancer stem cell developmental stage: Implication for differential therapies. <i>World Journal of Stem Cells</i> , 2011, 3, 83. | 1.3 | 8 |
| 1983 | Role of nestin in glioma invasion. <i>World Journal of Translational Medicine</i> , 2015, 4, 78. | 3.5 | 3 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1984 | New Insight on the Role of Transient Receptor Potential (TRP) Channels in Driven Gliomagenesis Pathways. , 0, , . | | 1 |
| 1985 | Subventricular Zone Radiation Dose and Outcome for Glioblastoma Treated Between 2006 and 2012. Cureus, 2018, 10, e3618. | 0.2 | 6 |
| 1986 | Zika Virus: A New Therapeutic Candidate for Glioblastoma Treatment. International Journal of Molecular Sciences, 2021, 22, 10996. | 1.8 | 14 |
| 1987 | Opportunities and challenges of glioma organoids. Cell Communication and Signaling, 2021, 19, 102. | 2.7 | 19 |
| 1988 | Targeting EYA2 tyrosine phosphatase activity in glioblastoma stem cells induces mitotic catastrophe. Journal of Experimental Medicine, 2021, 218, . | 4.2 | 9 |
| 1989 | MRI radiomics to differentiate between low grade glioma and glioblastoma peritumoral region. Journal of Neuro-Oncology, 2021, 155, 181-191. | 1.4 | 29 |
| 1990 | Breaking Bad: Autophagy Tweaks the Interplay Between Glioma and the Tumor Immune Microenvironment. Frontiers in Immunology, 2021, 12, 746621. | 2.2 | 4 |
| 1991 | Three-dimensional culture models to study glioblastoma " current trends and future perspectives. Current Opinion in Pharmacology, 2021, 61, 91-97. | 1.7 | 11 |
| 1992 | Cell and Molecular Biology of Cancer of the Brain. , 2005, , 403-430. | | 0 |
| 1993 | Cell Origin of Tumors and the Persistence of Cancer Propagating Cells in Tumor Lesions. The Open Pathology Journal, 2008, 2, 6-12. | 1.0 | 2 |
| 1994 | Highly infiltrative brain tumours show reduced chemosensitivity associated with a stem cell-like phenotype. Neuropathology and Applied Neurobiology, 2008, 35, no-no. | 1.8 | 33 |
| 1995 | Cancer Stem Cells in Solid Tumors. , 2009, , 295-326. | | 1 |
| 1996 | Critical Roles of Tumorigenic and Migrating Cancer Stem/Progenitor Cells in Cancer Progression and their Therapeutic Implications. , 2009, , 287-308. | | 0 |
| 1997 | Stem Cells and Lung Cancer. , 2009, , 193-222. | | 0 |
| 1998 | Herpes Simplex Virus 1 (HSV-1) for Glioblastoma Multiforme Therapy. , 2009, , 1105-1136. | | 0 |
| 1999 | Targeting Brain Cancer Stem Cells in the Clinic. , 2009, , 275-286. | | 1 |
| 2000 | Lineage Relationships Connecting Germinal Regions to Brain Tumors. , 2009, , 269-286. | | 1 |
| 2001 | Molecular Biology of Malignant Gliomas. , 2009, , 1-22. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2002 | Brain Cancer Stem Cells as Targets of Novel Therapies. , 2009, , 1057-1075. | | 2 |
| 2003 | Implications of Cancer Stem Cells for Tumor Metastasis. , 2009, , 443-453. | | 0 |
| 2004 | Cancer Stem Cells and Skin Cancer. , 2009, , 251-267. | | 1 |
| 2005 | Therapeutic Approaches to Target Cancer Stem Cells. , 2009, , 545-560. | | 1 |
| 2006 | Molecular Mechanisms of Pathogenesis in Glioblastoma and Current Therapeutic Strategies. , 2010, , 85-93. | | 0 |
| 2007 | Chemokines and Primary Brain Tumors. , 2010, , 253-270. | | 0 |
| 2009 | The stem cell connection of primary brain tumors. Biomedical Reviews, 2014, 20, 31. | 0.6 | 0 |
| 2010 | Efficient Derivation and Propagation of Glioblastoma Stem-Like Cells Under Serum-Free Conditions Using the Cambridge Protocol. , 2011, , 191-204. | | 0 |
| 2011 | The Potential of Selectively Cultured Adult Stem Cells Re-implanted in Tissues. , 2011, , 79-117. | | 0 |
| 2012 | MicroRNAs in Brain Tumors. , 2011, , 343-371. | | 0 |
| 2014 | Cellular Immortality in Brain Tumors: An Overview. , 2011, , 21-32. | | 0 |
| 2015 | Vasculogenic Mimicry in Glioma. , 2011, , 93-101. | | 0 |
| 2016 | Primary Glioma Spheroids: Advantage of Serum-Free Medium. , 2012, , 83-91. | | 0 |
| 2017 | Molecular targeting of cancer stem cells. , 2011, , 202-216. | | 0 |
| 2018 | Glioblastoma-Derived Cancer Stem Cells: Treatment with Oncolytic Viruses. , 2012, , 121-128. | | 0 |
| 2019 | Cancer Stem Cells in Medulloblastoma. , 2012, , 129-139. | | 0 |
| 2020 | Cancer Stem Cells and Glioblastoma Multiforme: Pathophysiological and Clinical Aspects. , 2012, , 123-140. | | 0 |
| 2021 | Genetic Diversity of Glioblastoma Multiforme: Impact on Future Therapies. , 0, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2024 | Antisense Oligonucleotides in the Treatment of Malignant Gliomas. , 2012, , 215-246. | | 1 |
| 2025 | Colorectal Liver Metastasis: Current Management. , 0, , | | 0 |
| 2026 | Clinical Flow Cytometry - Emerging Applications. , 2012, , | | 10 |
| 2027 | Introduction to Cancer Stem Cells. , 2013, , 1-18. | | 0 |
| 2028 | Progenitores de los tumores cerebrales.. Revista Colombiana De Hematología Y Oncología, 2012, 1, 36-50. | 0.0 | 0 |
| 2031 | Dendritic Cells Pulsed with Viral Oncolysate. , 2013, , 425-441. | | 0 |
| 2032 | TGF- β 2 in Cancer Stem Cells. , 2013, , 93-112. | | 0 |
| 2033 | Animal Models for Low-Grade Gliomas. , 2013, , 165-175. | | 0 |
| 2036 | Immunotherapy of Malignant Tumors Using Antisense Anti-IGF-I Approach: Case of Glioblastoma. Journal of Cancer Therapy, 2014, 05, 685-705. | 0.1 | 2 |
| 2037 | Experimental Models of Glioma. , 2014, , 399-431. | | 0 |
| 2039 | Insight into Cancer Stem Cell Niche; Lessons from Cancer Stem Cell Models Generated In Vitro. Pancreatic Islet Biology, 2015, , 211-226. | 0.1 | 0 |
| 2040 | Image Guidance in Stem Cell Therapeutics: Unfolding the Blindfold. Current Drug Targets, 2015, 16, 658-671. | 1.0 | 0 |
| 2041 | Cancer Stem Cells Recapitulates the Heterogeneity of Glioblastomas. Journal of Stem Cell Research & Therapeutics, 2015, 1, . | 0.1 | 0 |
| 2042 | Brain tumor stem cells: phenotypic characterization and directed therapeutic approaches. Cell and Organ Transplantation, 2015, 3, 177-183. | 0.2 | 1 |
| 2043 | Cancer Stem Cell Microenvironment in Canine Glioblastoma Development: Animal Model for Human Disease. International Journal of Pathology and Clinical Research, 2015, 1, . | 0.1 | 0 |
| 2044 | Signalling Pathways in Glioma-Propagating Cells. Cell Biology: Research & Therapy, 0, s1, . | 0.2 | 0 |
| 2046 | Mesenchymal Stem/Stromal Cell Recruitment by Central Nervous System Tumors. , 2017, , 227-251. | | 0 |
| 2047 | What Are Positive Results of Stem Cell Therapies?. , 2017, , 141-161. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2048 | Lysophosphatidic Acid Signalling Enhances Glioma Stem Cell Properties. <i>Pancreatic Islet Biology</i> , 2017, , 171-189. | 0.1 | 0 |
| 2051 | Immunohistochemical expression of nucleostemin and P53 in glioma. <i>Egyptian Journal of Pathology</i> , 2017, 37, 165-170. | 0.0 | 0 |
| 2053 | High-Grade Gliomas. , 2018, , 83-102. | | 0 |
| 2054 | Notch Signaling in Lung Cancer Initiation and Development. , 2018, , 141-149. | | 0 |
| 2055 | Glioblastoma Multiforma Tedavisinde Kanser KÄ¼rk HÄ¼crelerinin Temozolomide KarÄ¼Å± OluÅ±turduklarÄ± DirenÅ±. <i>Sakarya Medical Journal</i> , 2018, 8, 379-387. | 0.1 | 0 |
| 2059 | Wnt-signaling pathway in pathogenesis of glioblastoma multiforme. <i>Uspehi Molekularnoj Onkologii</i> , 2019, 5, 94-103. | 0.1 | 1 |
| 2062 | SLUG and Truncated TAL1 Reduce Glioblastoma Stem Cell Growth Downstream of Notch1 and Define Distinct Vascular Subpopulations in Glioblastoma Multiforme. <i>Cancers</i> , 2021, 13, 5393. | 1.7 | 10 |
| 2063 | Drug Repositioning Screen on a New Primary Cell Line Identifies Potent Therapeutics for Glioblastoma. <i>Frontiers in Neuroscience</i> , 2020, 14, 578316. | 1.4 | 1 |
| 2064 | Three-dimensional organoid culture unveils resistance to clinical therapies in adult and pediatric glioblastoma. <i>Translational Oncology</i> , 2022, 15, 101251. | 1.7 | 27 |
| 2065 | Transcriptional and epigenetic regulatory mechanisms in glioblastoma stem cells. , 2020, , 231-255. | | 1 |
| 2066 | miR-425-5p, a SOX2 target, regulates the expression of FOXJ3 and RAB31 and promotes the survival of GSCs. <i>Archives of Clinical and Biomedical Research</i> , 2020, 04, 221-238. | 0.1 | 6 |
| 2068 | Three-dimensional models of human brain development. , 2020, , 257-278. | | 2 |
| 2069 | Immunopathology and Immunotherapy of Central Nervous System Cancer. , 2020, , 379-425. | | 0 |
| 2070 | Stem Cell Approaches and Small Molecules. , 2020, , 945-961. | | 0 |
| 2071 | Antifungal Agent Luliconazole Inhibits the Growth of Mouse Glioma-initiating Cells in Brain Explants. <i>Keio Journal of Medicine</i> , 2020, 69, 97-104. | 0.5 | 1 |
| 2072 | Angiogenesis in glioblastoma: Molecular and cellular mechanisms and clinical applications. <i>Acta Facultatis Medicae Naissensis</i> , 2020, 37, 211-230. | 0.1 | 1 |
| 2073 | How the Hedgehog Outfoxed the Crab. , 2006, , 1-22. | | 1 |
| 2074 | Molecular Targets in Gastric Cancer and Apoptosis. , 2009, , 157-192. | | 2 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2077 | Introducing, OncoTarget. Oncotarget, 2010, 1, 2-2. | 0.8 | 0 |
| 2078 | Introducing, OncoTarget. Oncotarget, 2010, 1, 2-2. | 0.8 | 0 |
| 2079 | Introducing, OncoTarget. Oncotarget, 2010, 1, 2-2. | 0.8 | 0 |
| 2080 | Introducing, OncoTarget. Oncotarget, 2010, 1, 2-2. | 0.8 | 0 |
| 2081 | Introducing, OncoTarget. Oncotarget, 2010, 1, 2-2. | 0.8 | 0 |
| 2082 | Introducing, OncoTarget. Oncotarget, 2010, 1, 2-2. | 0.8 | 0 |
| 2083 | Introducing, OncoTarget. Oncotarget, 2010, 1, 2-2. | 0.8 | 0 |
| 2084 | Introducing, OncoTarget. Oncotarget, 2010, 1, 2-2. | 0.8 | 0 |
| 2090 | New advances on critical implications of tumor- and metastasis-initiating cells in cancer progression, treatment resistance and disease recurrence. Histology and Histopathology, 2010, 25, 1057-73. | 0.5 | 37 |
| 2091 | A translational approach to lung cancer research: From EGFRs to Wnt and cancer stem cells. Annals of Thoracic and Cardiovascular Surgery, 2009, 15, 213-20. | 0.3 | 9 |
| 2094 | Prostate cancer stem cell biology. Minerva Urologica E Nefrologica = the Italian Journal of Urology and Nephrology, 2012, 64, 19-33. | 3.9 | 29 |
| 2097 | What is the clinical value of cancer stem cell markers in gliomas?. International Journal of Clinical and Experimental Pathology, 2013, 6, 334-48. | 0.5 | 59 |
| 2098 | Effects of Zeng Sheng Ping/ACAPHA on malignant brain tumor growth and Notch signaling. Anticancer Research, 2012, 32, 2689-96. | 0.5 | 7 |
| 2099 | Invasion of primary glioma- and cell line-derived spheroids implanted into corticostriatal slice cultures. International Journal of Clinical and Experimental Pathology, 2013, 6, 546-60. | 0.5 | 30 |
| 2101 | Potential clinical role of telomere length in human glioblastoma. Translational Medicine @ UniSa, 2011, 1, 243-70. | 0.8 | 6 |
| 2102 | Targeting of cancer stem/progenitor cells plus stem cell-based therapies: the ultimate hope for treating and curing aggressive and recurrent cancers. Panminerva Medica, 2008, 50, 3-18. | 0.2 | 28 |
| 2103 | Role of SOX family of transcription factors in central nervous system tumors. American Journal of Cancer Research, 2014, 4, 312-24. | 1.4 | 42 |
| 2104 | Chemotherapy targeting cancer stem cells. American Journal of Cancer Research, 2015, 5, 880-93. | 1.4 | 27 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2105 | Optimization of Glioblastoma Mouse Orthotopic Xenograft Models for Translational Research. <i>Comparative Medicine</i> , 2017, 67, 300-314. | 0.4 | 18 |
| 2106 | Characterizing the Genomic Profile in High-Grade Gliomas: From Tumor Core to Peritumoral Brain Zone, Passing through Glioma-Derived Tumorspheres. <i>Biology</i> , 2021, 10, 1157. | 1.3 | 9 |
| 2107 | MEOX2 Transcription Factor Is Involved in Survival and Adhesion of Glioma Stem-like Cells. <i>Cancers</i> , 2021, 13, 5943. | 1.7 | 6 |
| 2108 | Protein kinase C δ 1 and SRC signaling define reciprocally related subgroups of glioblastoma with distinct therapeutic vulnerabilities. <i>Cell Reports</i> , 2021, 37, 110054. | 2.9 | 6 |
| 2109 | Deciphering the molecular mechanism of the cancer formation by chromosome structural dynamics. <i>PLoS Computational Biology</i> , 2021, 17, e1009596. | 1.5 | 12 |
| 2110 | Local Delivery and Glioblastoma: Why Not Combining Sustained Release and Targeting?. <i>Frontiers in Medical Technology</i> , 2021, 3, 791596. | 1.3 | 13 |
| 2111 | Culture and Phenotyping of Glial Cell Cultures, , and. <i>Methods in Molecular Biology</i> , 2022, 2422, 217-232. | 0.4 | 0 |
| 2114 | Treatment of glioblastoma with re-purposed renin-angiotensin system modulators: Results of a phase I clinical trial. <i>Journal of Clinical Neuroscience</i> , 2022, 95, 48-54. | 0.8 | 17 |
| 2115 | MV1035 Overcomes Temozolomide Resistance in Patient-Derived Glioblastoma Stem Cell Lines. <i>Biology</i> , 2022, 11, 70. | 1.3 | 5 |
| 2116 | Matrix Stiffness Potentiates Stemness of Liver Cancer Stem Cells Possibly via the Yes-Associated Protein Signal. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 598-609. | 2.6 | 10 |
| 2117 | The Heterogeneous Cellular States of Glioblastoma Stem Cells Revealed by Single Cell Analysis. <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 0 |
| 2119 | Glioblastoma Cells Counteract PARP Inhibition through Pro-Survival Induction of Lipid Droplets Synthesis and Utilization. <i>Cancers</i> , 2022, 14, 726. | 1.7 | 1 |
| 2120 | Childhood Medulloblastoma: An Overview. <i>Methods in Molecular Biology</i> , 2022, 2423, 1-12. | 0.4 | 5 |
| 2121 | Sox2 induces glioblastoma cell stemness and tumor propagation by repressing TET2 and deregulating 5hmC and 5mC DNA modifications. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, 37. | 7.1 | 38 |
| 2124 | Upregulation of Cathepsin X in Glioblastoma: Interplay with β -Enolase and the Effects of Selective Cathepsin X Inhibitors. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1784. | 1.8 | 9 |
| 2125 | ASCL1 phosphorylation and ID2 upregulation are roadblocks to glioblastoma stem cell differentiation. <i>Scientific Reports</i> , 2022, 12, 2341. | 1.6 | 18 |
| 2126 | Optimal control model of tumor treatment in the context of cancer stem cell. <i>Mathematical Biosciences and Engineering</i> , 2022, 19, 4627-4642. | 1.0 | 1 |
| 2127 | Employing CRISPR-Cas9 to Generate CD133 Synthetic Lethal Melanoma Stem Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2333. | 1.8 | 4 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2128 | Molecular Pathogenesis of Glioblastoma in Adults and Future Perspectives: A Systematic Review. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2607. | 1.8 | 13 |
| 2129 | Adapt to Persist: Glioblastoma Microenvironment and Epigenetic Regulation on Cell Plasticity. <i>Biology</i> , 2022, 11, 313. | 1.3 | 12 |
| 2130 | Slow-Cycling Cells in Glioblastoma: A Specific Population in the Cellular Mosaic of Cancer Stem Cells. <i>Cancers</i> , 2022, 14, 1126. | 1.7 | 4 |
| 2131 | Immunotherapeutic Approaches for Glioblastoma Treatment. <i>Biomedicines</i> , 2022, 10, 427. | 1.4 | 6 |
| 2132 | Effects of Ultra-Short Pulsed Electric Field Exposure on Glioblastoma Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3001. | 1.8 | 7 |
| 2133 | Inhibition of GLI-Mediated Transcription by Cyclic Pyrrole-Imidazole Polyamide in Cancer Stem Cells. <i>Bulletin of the Chemical Society of Japan</i> , 2022, 95, 693-699. | 2.0 | 10 |
| 2134 | The Subventricular Zone in Glioblastoma: Genesis, Maintenance, and Modeling. <i>Frontiers in Oncology</i> , 2022, 12, 790976. | 1.3 | 11 |
| 2135 | A simple agent-based model to simulate 3D tumor-induced angiogenesis considering the evolution of the hypoxic conditions of the cells. <i>Engineering With Computers</i> , 2022, 38, 4115-4133. | 3.5 | 4 |
| 2137 | Histone Deacetylase Inhibitors Impair Glioblastoma Cell Motility and Proliferation. <i>Cancers</i> , 2022, 14, 1897. | 1.7 | 11 |
| 2138 | The epigeneticâ€“metabolic interplay in gliomagenesis. <i>Open Biology</i> , 2022, 12, 210350. | 1.5 | 2 |
| 2139 | Phenotypic and molecular states of IDH1 mutation-induced CD24-positive glioma stem-like cells. <i>Neoplasia</i> , 2022, 28, 100790. | 2.3 | 5 |
| 2140 | FOXO3 regulates a common genomic program in aging and glioblastoma stem cells. <i>Aging and Cancer</i> , 2021, 2, 137-159. | 0.5 | 3 |
| 2141 | A Novel Role of BIRC3 in Stemness Reprogramming of Glioblastoma. <i>International Journal of Molecular Sciences</i> , 2022, 23, 297. | 1.8 | 10 |
| 2142 | LSD1-directed therapy affects glioblastoma tumorigenicity by deregulating the protective ATF4-dependent integrated stress response. <i>Science Translational Medicine</i> , 2021, 13, eabf7036. | 5.8 | 18 |
| 2143 | Cancer cell heterogeneity and plasticity: A paradigm shift in glioblastoma. <i>Neuro-Oncology</i> , 2022, 24, 669-682. | 0.6 | 77 |
| 2144 | Self-assembled ruthenium and osmium nanosystems display potent anticancer profile by interfering with metabolic activity. <i>Inorganic Chemistry Frontiers</i> , 0, , . | 3.0 | 1 |
| 2145 | Subcellular fractionation of brain tumor stem cells. <i>Methods in Cell Biology</i> , 2022, , 47-58. | 0.5 | 1 |
| 2146 | Growth factor independence underpins a paroxysmal, aggressive Wnt5aHigh/EphA2Low phenotype in glioblastoma stem cells, conducive to experimental combinatorial therapy. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, 139. | 3.5 | 4 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2147 | Crosstalk between β -Catenin and CCL2 Drives Migration of Monocytes towards Glioblastoma Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4562. | 1.8 | 11 |
| 2148 | Cellular Conversations in Glioblastoma Progression, Diagnosis and Treatment. <i>Cellular and Molecular Neurobiology</i> , 2023, 43, 585-603. | 1.7 | 7 |
| 2162 | Brain tumor stem cell dancing. <i>Annali Dell'Istituto Superiore Di Sanita</i> , 2014, 50, 286-90. | 0.2 | 2 |
| 2163 | LASS2 impairs proliferation of glioma stem cells and migration and invasion of glioma cells mainly via inhibition of EMT and apoptosis promotion. <i>Journal of Cancer</i> , 2022, 13, 2281-2292. | 1.2 | 3 |
| 2164 | A2B5 Expression in Central Nervous System and Gliomas. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4670. | 1.8 | 4 |
| 2165 | Integrated regulation of chondrogenic differentiation in mesenchymal stem cells and differentiation of cancer cells. <i>Cancer Cell International</i> , 2022, 22, 169. | 1.8 | 5 |
| 2166 | MEOX2 Regulates the Growth and Survival of Glioblastoma Stem Cells by Modulating Genes of the Glycolytic Pathway and Response to Hypoxia. <i>Cancers</i> , 2022, 14, 2304. | 1.7 | 2 |
| 2167 | Nanomedicines Targeting Glioma Stem Cells. <i>ACS Applied Materials & Interfaces</i> , 2023, 15, 158-181. | 4.0 | 13 |
| 2168 | Glioma Stem Cells in Pediatric High-Grade Gliomas: From Current Knowledge to Future Perspectives. <i>Cancers</i> , 2022, 14, 2296. | 1.7 | 11 |
| 2169 | Novel therapeutics and drug-delivery approaches in the modulation of glioblastoma stem cell resistance. <i>Therapeutic Delivery</i> , 0, , . | 1.2 | 4 |
| 2170 | Disruption of β -catenin-mediated negative feedback reinforces cAMP-induced neuronal differentiation in glioma stem cells. <i>Cell Death and Disease</i> , 2022, 13, . | 2.7 | 5 |
| 2171 | Evaluation of miRNA Expression in Glioblastoma Stem-Like Cells: A Comparison between Normoxia and Hypoxia Microenvironment. <i>Onco</i> , 2022, 2, 113-128. | 0.2 | 2 |
| 2172 | Comparative single-cell RNA-sequencing profiling of BMP4-treated primary glioma cultures reveals therapeutic markers. <i>Neuro-Oncology</i> , 2022, 24, 2133-2145. | 0.6 | 8 |
| 2173 | Nanobody-based retargeting of an oncolytic herpesvirus for eliminating CXCR4+ GBM cells: A proof of principle. <i>Molecular Therapy - Oncolytics</i> , 2022, 26, 35-48. | 2.0 | 5 |
| 2174 | Stemness and clinical features in relation to the subventricular zone in diffuse lower-grade glioma: an exploratory study. <i>Neuro-Oncology Advances</i> , 2022, 4, . | 0.4 | 1 |
| 2175 | Differentiated glioma cell-derived fibromodulin activates integrin-dependent Notch signaling in endothelial cells to promote tumor angiogenesis and growth. <i>ELife</i> , 0, 11, . | 2.8 | 6 |
| 2176 | Evaluation of CD98 light chain-LAT1 as a potential marker of cancer stem-like cells in glioblastoma. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2022, 1869, 119303. | 1.9 | 2 |
| 2178 | Activation of STAT3 through combined SRC and EGFR signaling drives resistance to a mitotic kinesin inhibitor in glioblastoma. <i>Cell Reports</i> , 2022, 39, 110991. | 2.9 | 5 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2179 | Targeting Acid Ceramidase Inhibits Glioblastoma Cell Migration through Decreased AKT Signaling. <i>Cells</i> , 2022, 11, 1873. | 1.8 | 9 |
| 2180 | Targeting CXCR4 to suppress glioma-initiating cells and chemoresistance in glioma. <i>Cell Biology International</i> , 2022, 46, 1519-1529. | 1.4 | 4 |
| 2181 | Small Molecule Inhibitors in Adult High-Grade Glioma: From the Past to the Future. <i>Frontiers in Oncology</i> , 0, 12, . | 1.3 | 6 |
| 2182 | Call the Eckols: Present and Future Potential Cancer Therapies. <i>Marine Drugs</i> , 2022, 20, 387. | 2.2 | 8 |
| 2183 | Integrative multi-omics approach to targeted therapy for glioblastoma. <i>Pharmacological Research</i> , 2022, 182, 106308. | 3.1 | 9 |
| 2184 | A Comprehensive Clinical Review of Adult-Type Diffuse Glioma Incorporating the 2021 World Health Organization Classification. <i>Neurographics</i> , 2022, 12, 43-70. | 0.0 | 3 |
| 2185 | Glioblastoma, from disease understanding towards optimal cell-based in vitro models. <i>Cellular Oncology (Dordrecht)</i> , 2022, 45, 527-541. | 2.1 | 8 |
| 2186 | The Network of Tumor Microtubes: An Improperly Reactivated Neural Cell Network With Stemness Feature for Resistance and Recurrence in Gliomas. <i>Frontiers in Oncology</i> , 0, 12, . | 1.3 | 4 |
| 2187 | Identification of Stem Cell Related Gene Expression from the Osteosarcoma Cell Core Side. <i>Journal of Cancer Prevention</i> , 2022, 27, 122-128. | 0.8 | 0 |
| 2188 | Glioblastoma disrupts the ependymal wall and extracellular matrix structures of the subventricular zone. <i>Fluids and Barriers of the CNS</i> , 2022, 19, . | 2.4 | 7 |
| 2189 | PDIA3P1 promotes Temozolomide resistance in glioblastoma by inhibiting C/EBP β degradation to facilitate proneural-to-mesenchymal transition. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, . | 3.5 | 20 |
| 2190 | Interferon-beta inhibits human glioma stem cell growth by modulating immune response and cell cycle related signaling pathways. <i>Cell Regeneration</i> , 2022, 11, . | 1.1 | 3 |
| 2191 | CD95 gene deletion may reduce clonogenic growth and invasiveness of human glioblastoma cells in a CD95 ligand-independent manner. <i>Cell Death Discovery</i> , 2022, 8, . | 2.0 | 7 |
| 2193 | Inhibition of the Sonic Hedgehog Pathway Using Small Molecule Inhibitors: Targeting Colon Cancer Stem Cells. <i>Current Cancer Therapy Reviews</i> , 2022, 18, . | 0.2 | 0 |
| 2194 | The modulation of ion channels in cancer chemo-resistance. <i>Frontiers in Oncology</i> , 0, 12, . | 1.3 | 4 |
| 2195 | A SOX2-engineered epigenetic silencer factor represses the glioblastoma genetic program and restrains tumor development. <i>Science Advances</i> , 2022, 8, . | 4.7 | 6 |
| 2196 | FMRP modulates the Wnt signalling pathway in glioblastoma. <i>Cell Death and Disease</i> , 2022, 13, . | 2.7 | 11 |
| 2197 | Pathway-based Approach Reveals Differential Sensitivity to E2F1 Inhibition in Glioblastoma. <i>Cancer Research Communications</i> , 2022, 2, 1049-1060. | 0.7 | 1 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2198 | PDPN marks a subset of aggressive and radiation-resistant glioblastoma cells. <i>Frontiers in Oncology</i> , 0, 12, . | 1.3 | 2 |
| 2199 | Using quantitative MRI to study the association of isocitrate dehydrogenase (IDH) status with oxygen metabolism and cellular structure changes in glioma. <i>European Journal of Radiology</i> , 2022, 155, 110502. | 1.2 | 0 |
| 2200 | Targeting extracellular matrix remodeling sensitizes glioblastoma to ionizing radiation. <i>Neuro-Oncology Advances</i> , 2022, 4, . | 0.4 | 1 |
| 2201 | Differential dependency of human glioblastoma cells on vascular endothelial growth factor's signaling via neuropilin-1. <i>International Journal of Oncology</i> , 2022, 61, . | 1.4 | 3 |
| 2202 | Pathophysiological roles of integrins in gliomas from the perspective of glioma stem cells. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, . | 1.8 | 7 |
| 2203 | Non-coding RNAs and glioma: Focus on cancer stem cells. <i>Molecular Therapy - Oncolytics</i> , 2022, 27, 100-123. | 2.0 | 11 |
| 2204 | Melatonin and cancer suppression: insights into its effects on DNA methylation. <i>Cellular and Molecular Biology Letters</i> , 2022, 27, . | 2.7 | 15 |
| 2205 | PFKFB4 interacts with FBXO28 to promote HIF-1's signaling in glioblastoma. <i>Oncogenesis</i> , 2022, 11, . | 2.1 | 5 |
| 2206 | WNT signaling at the intersection between neurogenesis and brain tumorigenesis. <i>Frontiers in Molecular Neuroscience</i> , 0, 15, . | 1.4 | 9 |
| 2208 | Noxa and Mcl-1 expression influence the sensitivity to BH3-mimetics that target Bcl-xL in patient-derived glioma stem cells. <i>Scientific Reports</i> , 2022, 12, . | 1.6 | 3 |
| 2209 | Lrig1 regulates the balance between proliferation and quiescence in glioblastoma stem cells. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, . | 1.8 | 3 |
| 2210 | Preservation of the Hypoxic Transcriptome in Glioblastoma Patient-Derived Cell Lines Maintained at Lowered Oxygen Tension. <i>Cancers</i> , 2022, 14, 4852. | 1.7 | 0 |
| 2211 | Targeting Key Signaling Pathways in Glioblastoma Stem Cells for the Development of Efficient Chemo- and Immunotherapy. <i>International Journal of Molecular Sciences</i> , 2022, 23, 12919. | 1.8 | 3 |
| 2212 | Melatonin Treatment Triggers Metabolic and Intracellular pH Imbalance in Glioblastoma. <i>Cells</i> , 2022, 11, 3467. | 1.8 | 2 |
| 2213 | Signaling pathways governing glioma cancer stem cells behavior. <i>Cellular Signalling</i> , 2023, 101, 110493. | 1.7 | 8 |
| 2214 | Human models as new tools for drug development and precision medicine. , 2023, , 155-171. | | 0 |
| 2216 | DHODH inhibition impedes glioma stem cell proliferation, induces DNA damage, and prolongs survival in orthotopic glioblastoma xenografts. <i>Oncogene</i> , 2022, 41, 5361-5372. | 2.6 | 5 |
| 2217 | Identification of glioblastoma-specific antigens expressed in patient-derived tumor cells as candidate targets for chimeric antigen receptor T cell therapy. <i>Neuro-Oncology Advances</i> , 2023, 5, . | 0.4 | 1 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2219 | Synergistic Anticancer Effect of a Combination of Berbamine and Arcyriaflavin A against Glioblastoma Stem-like Cells. <i>Molecules</i> , 2022, 27, 7968. | 1.7 | 2 |
| 2223 | Aberrant L-Fucose Accumulation and Increased Core Fucosylation Are Metabolic Liabilities in Mesenchymal Glioblastoma. <i>Cancer Research</i> , 2023, 83, 195-218. | 0.4 | 5 |
| 2225 | TRPML2 Mucolipin Channels Drive the Response of Glioma Stem Cells to Temozolomide and Affect the Overall Survival in Glioblastoma Patients. <i>International Journal of Molecular Sciences</i> , 2022, 23, 15356. | 1.8 | 2 |
| 2226 | Roadmap toward subtype-specific vulnerabilities in adult glioma. , 2022, 1, . | | 0 |
| 2227 | Glioblastoma stem cells express non-canonical proteins and exclusive mesenchymal-like or non-mesenchymal-like protein signatures. <i>Molecular Oncology</i> , 0, , . | 2.1 | 3 |
| 2228 | Oncolytic HSV-1 suppresses cell invasion through downregulating Sp1 in experimental glioblastoma. <i>Cellular Signalling</i> , 2023, 103, 110581. | 1.7 | 1 |
| 2229 | Pre-clinical models for evaluating glioma targeted immunotherapies. <i>Frontiers in Immunology</i> , 0, 13, . | 2.2 | 4 |
| 2230 | Cell of Origin of Brain and Spinal Cord Tumors. <i>Advances in Experimental Medicine and Biology</i> , 2023, , 85-101. | 0.8 | 0 |
| 2231 | Anticancer Properties of Hexosamine Analogs Designed to Attenuate Metabolic Flux through the Hexosamine Biosynthetic Pathway. <i>ACS Chemical Biology</i> , 2023, 18, 151-165. | 1.6 | 3 |
| 2232 | Culturing and Imaging Glioma Stem Cells in 3D Collagen Matrices. <i>Current Protocols</i> , 2023, 3, . | 1.3 | 0 |
| 2233 | Glioblastoma and the search for non-hypothesis driven combination therapeutics in academia. <i>Frontiers in Oncology</i> , 0, 12, . | 1.3 | 2 |
| 2234 | Biomaterial-based in vitro 3D modeling of glioblastoma multiforme. , 2023, 1, 177-194. | | 2 |
| 2235 | Defining the role of mTOR pathway in the regulation of stem cells of glioblastoma. <i>Advances in Biological Regulation</i> , 2023, 88, 100946. | 1.4 | 3 |
| 2236 | The Heterogeneous Cellular States of Glioblastoma Stem Cells Revealed by Single-Cell Analysis. <i>Stem Cells</i> , 2023, 41, 111-125. | 1.4 | 3 |
| 2237 | Insights into the Cancer Stem Cell Model of Glioma Tumorigenesis. <i>Annals of the Academy of Medicine, Singapore</i> , 2007, 36, 352-357. | 0.2 | 23 |
| 2238 | Natural killer cells in the treatment of glioblastoma: Diverse antitumor functions and potential clinical applications. , 2023, , 335-367. | | 1 |
| 2239 | The TERT Promoter: A Key Player in the Fight for Cancer Cell Immortality. <i>Biochemistry (Moscow)</i> , 2023, 88, S21-S38. | 0.7 | 0 |
| 2240 | Tissue clearing to examine glioma complexity in 3 dimensions. <i>Journal of Neuro pathology and Experimental Neurology</i> , 2023, 82, 376-389. | 0.9 | 1 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2241 | Natural Killer Cell-Based Immunotherapy against Glioblastoma. <i>International Journal of Molecular Sciences</i> , 2023, 24, 2111. | 1.8 | 4 |
| 2242 | The role of miR-128 in cancer development, prevention, drug resistance, and immunotherapy. <i>Frontiers in Oncology</i> , 0, 12, . | 1.3 | 12 |
| 2243 | Endocannabinoids are potential inhibitors of glioblastoma multiforme proliferation. <i>Journal of Integrative Medicine</i> , 2023, 21, 120-129. | 1.4 | 1 |
| 2244 | Brain network mapping and glioma pathophysiology. <i>Brain Communications</i> , 2023, 5, . | 1.5 | 2 |
| 2248 | Regulatory networks driving expression of genes critical for glioblastoma are controlled by the transcription factor c-Jun and the pre-existing epigenetic modifications. <i>Clinical Epigenetics</i> , 2023, 15, . | 1.8 | 4 |
| 2249 | Exploring Novel Therapeutic Opportunities for Glioblastoma Using Patient-Derived Cell Cultures. <i>Cancers</i> , 2023, 15, 1562. | 1.7 | 6 |
| 2250 | Molecular Pathways Implicated in Radioresistance of Glioblastoma Multiforme: What Is the Role of Extracellular Vesicles?. <i>International Journal of Molecular Sciences</i> , 2023, 24, 4883. | 1.8 | 3 |
| 2251 | Glioma-associated microglia/macrophages (GAMs) in glioblastoma: Immune function in the tumor microenvironment and implications for immunotherapy. <i>Frontiers in Immunology</i> , 0, 14, . | 2.2 | 11 |
| 2252 | Regulation of Cell Plasticity by Bromodomain and Extraterminal Domain (BET) Proteins: A New Perspective in Glioblastoma Therapy. <i>International Journal of Molecular Sciences</i> , 2023, 24, 5665. | 1.8 | 2 |
| 2253 | A Self-Propagating c-Met/SOX2 Axis Drives Cancer-Derived IgG Signaling That Promotes Lung Cancer Cell Stemness. <i>Cancer Research</i> , 2023, 83, 1866-1882. | 0.4 | 2 |
| 2254 | TCF12 Deficiency Impairs the Proliferation of Glioblastoma Tumor Cells and Improves Survival. <i>Cancers</i> , 2023, 15, 2033. | 1.7 | 0 |
| 2255 | Neural Stem Cells as Potential Glioblastoma Cells of Origin. <i>Life</i> , 2023, 13, 905. | 1.1 | 10 |
| 2256 | Considerations for modelling diffuse high-grade gliomas and developing clinically relevant therapies. <i>Cancer and Metastasis Reviews</i> , 0, , . | 2.7 | 0 |
| 2257 | Bromodomain and Extraterminal Domain (BET) Protein Inhibition Hinders Glioblastoma Progression by Inducing Autophagy-Dependent Differentiation. <i>International Journal of Molecular Sciences</i> , 2023, 24, 7017. | 1.8 | 2 |
| 2258 | Preclinical Studies with Glioblastoma Brain Organoid Co-Cultures Show Efficient 5-ALA Photodynamic Therapy. <i>Cells</i> , 2023, 12, 1125. | 1.8 | 3 |
| 2263 | Establishing Brain Tumor Stem Cell Culture from Patient Brain Tumors and Imaging Analysis of Patient-Derived Xenografts. <i>Methods in Molecular Biology</i> , 2023, , . | 0.4 | 1 |
| 2273 | Neuronal Activity in Brain Tumor Pathogenesis: Adding to the Complexities of Central Nervous System Neoplasia. , 2023, , 3-25. | | 0 |
| 2276 | Detection and Isolation of Cancer Stem Cells. , 2023, , 45-69. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2289 | CLIC1 regulation of cancer stem cells in glioblastoma. <i>Current Topics in Membranes</i> , 2023, , 99-123. | 0.5 | 1 |
| 2302 | <i>Glioma</i> , 2024, , 184-192. | | 0 |
| 2311 | A systematic review of immunotherapy in high-grade glioma: learning from the past to shape future perspectives. <i>Neurological Sciences</i> , 0, , . | 0.9 | 0 |