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The 2007 WHO classification of tumours of the central nervous system

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2222	Optic pathway gliomas in neurofibromatosis-1: controversies and recommendations. 2007 , 61, 189-98		448
2221	The 2007 Revised World Health Organization (WHO) Classification of Tumours of the Central Nervous System: newly codified entities. 2007 , 17, 304-7		153
2220	Correlation between the progressive cytoplasmic expression of a novel small heat shock protein (Hsp16.2) and malignancy in brain tumors. 2007 , 7, 233		20
2219	Vascular endothelial growth factor in astroglioma stem cell biology and response to therapy. 2008 , 12, 111-25		23
2218	The 2007 WHO classification of tumours of the central nervous system. <i>Acta Neuropathologica</i> , 2007 , 114, 97-109	14.3	8119
2217	Diffuse glioma growth: a guerilla war. <i>Acta Neuropathologica</i> , 2007 , 114, 443-58	14.3	422
2216	Slit2 involvement in glioma cell migration is mediated by Robo1 receptor. 2008, 87, 1-7		98
2215	Expression of vascular endothelial growth factor-A and mRNA stability factor HuR in human meningiomas. 2008 , 88, 143-55		40

(2008-2008)

Selective cancer-germline gene expression in pediatric brain tumors. 2008 , 88, 273-80	24
2213 Low grade astrocytoma presenting with visual loss. 2008 , 89, 49-50	1
(99m)Tc-Tetrofosmin brain SPECT in the assessment of meningiomas-correlation with histological grade and proliferation index. 2008 , 89, 225-30	26
2211 Diagnosis of malignant glioma: role of neuropathology. 2008 , 89, 287-311	74
FDG-PET to predict different patterns of progression in multicentric glioblastoma: a case report. 2008 , 90, 47-51	11
2209 Genomic changes in progression of low-grade gliomas. 2008 , 90, 133-40	43
2208 Low-grade gliomas in older patients: a retrospective analysis of prognostic factors. 2008 , 90, 341-50	29
2207 Methylation-specific multiplex ligation-dependent probe amplification in meningiomas. 2008 , 90, 267-73	8
2206 Intradural spinal tumors: current classification and MRI features. 2008 , 50, 301-14	175
2205 Preoperative subtyping of meningiomas by perfusion MR imaging. 2008 , 50, 835-40	49
Diffusion-weighted and dynamic contrast-enhanced imaging as markers of clinical behavior in children with optic pathway glioma. 2008 , 38, 1293-9	44
2203 [Molecular diagnostic testing in gliomas]. 2008 , 29, 422-7	1
[Meningiomas: multiparametric approach for risk stratification and grading]. 2008, 29, 428-33	3
[WHO classification of tumours of the CNS: revised edition of 2007 with critical comments on the typing und grading of common-type diffuse gliomas]. 2008 , 29, 411-21	21
2200 Intrakraniale Keimzelltumoren. 2008 , 156, 1181-1186	1
2199 Niedriggradige Gliome im Kindesalter. 2008 , 156, 1173-1180	
2198 Hochmaligne Gliome im Kindes- und Jugendalter. 2008 , 156, 1201-1207	6
2197 Gliomatosis Cerebri. 2008 , 5, 242-250	

2196	Low-grade gliomas in adults. 2008 , 10, 271-84		12
2195	Glioblastoma multiforme. 2008 , 10, 285-94		7
2194	Papillary tumor of the pineal region: a case report. 2008 , 25, 85-90		31
2193	Apoptosis induced by ardipusilloside III through BAD dephosphorylation and cleavage in human glioblastoma U251MG cells. 2008 , 13, 247-57		35
2192	Mixed germ cell tumors in septum pellucidum after radiochemotherapy of suprasellar germinoma: de novo metachronous or recurrent neoplasms?. 2008 , 24, 1355-9		10
2191	c -MYC amplification and expression in astrocytic tumors. <i>Acta Neuropathologica</i> , 2008 , 116, 87-95	3	20
2190	The interface between glial progenitors and gliomas. <i>Acta Neuropathologica</i> , 2008 , 116, 465-77	3	89
2189	Glioblastomas: correlation between oligodendroglial components, genetic abnormalities, and prognosis. 2008 , 452, 481-90		41
2188	Promoter hypermethylation-mediated inactivation of LRRC4 in gliomas. 2008 , 9, 99		25
2187	Cerebrospinal fluid cytology in patients with ependymoma: a bi-institutional retrospective study. 2008 , 114, 307-14		35
2186	Epithelial and pseudoepithelial differentiation in glioblastoma and gliosarcoma: a comparative morphologic and molecular genetic study. 2008 , 113, 2779-89		66
2185	Tumor recurrence and malignant progression of gangliogliomas. 2008, 113, 3355-63		126
2184	Evidence of a four-hit mechanism involving SMARCB1 and NF2 in schwannomatosis-associated schwannomas. 2008 , 29, 227-31		135
2183	SPARC-induced increase in glioma matrix and decrease in vascularity are associated with reduced VEGF expression and secretion. 2008 , 122, 2735-43		52
2182	Peripheral tolerance limits CNS accumulation of CD8 T cells specific for an antigen shared by tumor cells and normal astrocytes. 2008 , 56, 1625-36		4
2181	Influence of radiotherapy treatment concept on the outcome of patients with localized ependymomas. 2008 , 71, 972-8		15
2180	An integrated genomic analysis of human glioblastoma multiforme. 2008 , 321, 1807-12		4419
2179	Spectrum and outcome of prenatally diagnosed fetal tumors. 2008 , 31, 296-302		55

(2008-2008)

2178	Array-based comparative genomic hybridization of mapped BAC DNA clones to screen for chromosome 14 copy number abnormalities in meningiomas. 2008 , 16, 1450-8	6
2177	Endosialin (CD248) is a marker of tumor-associated pericytes in high-grade glioma. 2008 , 21, 308-15	83
2176	c-Myc and beta-catenin cooperate with loss of p53 to generate multiple members of the primitive neuroectodermal tumor family in mice. 2008 , 27, 4392-401	42
2175	Elimination of wild-type P53 mRNA in glioblastomas showing heterozygous mutations of P53. 2008 , 98, 1431-3	12
2174	Survival from brain tumours in England and Wales up to 2001. 2008 , 99 Suppl 1, S102-3	3
2173	p53-independent mechanisms regulate the P2-MDM2 promoter in adult astrocytic tumours. 2008 , 99, 1144-52	15
2172	Comprehensive characterization of genomic aberrations in gangliogliomas by CGH, array-based CGH and interphase FISH. 2008 , 18, 326-37	53
2171	Anaplastic oligodendroglial tumors: refining the correlation among histopathology, 1p 19q deletion and clinical outcome in Intergroup Radiation Therapy Oncology Group Trial 9402. 2008 , 18, 360-9	107
2170	CD133 expression and cancer stem cells predict prognosis in high-grade oligodendroglial tumors. 2008 , 18, 370-7	123
2169	Phenotypic and genotypic characterization of orthotopic human glioma models and its relevance for the study of anti-glioma therapy. 2008 , 18, 423-33	60
2168	A GBM by any other name?. 2008, 18, i-iii	
2167	The 2007 WHO classification of tumors of the nervous system: controversies in surgical neuropathology. 2008 , 18, 307-16	65
2166	Differential expression of 12 histone deacetylase (HDAC) genes in astrocytomas and normal brain tissue: class II and IV are hypoexpressed in glioblastomas. 2008 , 8, 243	107
2165	BCR expression is decreased in meningiomas showing loss of heterozygosity of 22q within a new minimal deletion region. 2008 , 183, 14-20	19
2164	Methylation status of MGMT gene promoter in meningiomas. 2008 , 187, 25-7	26
2163	Even cancers want commitment: lineage identity and medulloblastoma formation. 2008, 14, 105-7	22
2162	Neurological oncology. 2008 , 36, 609-615	1
2161	Medulloblastoma: what is the role of molecular genetics?. 2008 , 8, 1169-81	6

2160	Malignant gliomas in adults. 2008 , 359, 492-507	3070
2159	Tumor progression and oncogene addiction in a PDGF-B-induced model of gliomagenesis. 2008 , 10, 1373-82, following 1382	34
2158	Expression of nuclear factor-kappaB in human astrocytomas: relation to pI kappa Ba, vascular endothelial growth factor, Cox-2, microvascular characteristics, and survival. 2008 , 39, 1143-52	40
2157	[Supervision of low-grade gliomas with multiparametric MR imaging: research of radiologic indicators of malignancy transformation]. 2008 , 54, 517-28	3
2156	[Biology of gliomas]. 2008 , 12, 663-8	1
2155	[Perspectives in diagnosis and management of malignant gliomas]. 2008, 12, 695-700	0
2154	Canine intraspinal meningiomas: imaging features, histopathologic classification, and long-term outcome in 34 dogs. 2008 , 22, 946-53	43
2153	[Histological and molecular classification of gliomas]. 2008, 164, 505-15	25
2152	A multicenter cohort study of dose-dense temozolomide (21 of 28 days) for the treatment of recurrent anaplastic astrocytoma or oligoastrocytoma. 2008 , 26, 269-77	37
2151	Distinct H2O2 concentration promotes proliferation of tumour cells after transient oxygen/glucose deprivation. 2008 , 42, 237-43	6
2150	Tandem duplication producing a novel oncogenic BRAF fusion gene defines the majority of pilocytic astrocytomas. 2008 , 68, 8673-7	658
2149	Semantic Visualization of Patient Information. 2008,	10
2148	Loss of prostaglandin D2 synthase: a key molecular event in the transition of a low-grade astrocytoma to an anaplastic astrocytoma. 2008 , 7, 3420-8	20
2147	Multiple primary primitive neuroectodermal tumours within the spinal epidural space with non-concurrent onset. 2008 , 36, 366-70	7
2146	Spinal glioma: platelet-derived growth factor B-mediated oncogenesis in the spinal cord. 2008 , 68, 8507-15	21
2145	Tumor-growth-promoting cyclooxygenase-2 prostaglandin E2 pathway provides medulloblastoma therapeutic targets. 2008 , 10, 661-74	62
2144	Wnt/beta-catenin signaling in cerebral cortical development. 2008 , 4, 76-80	46
2143	Epigenetic changes in gliomas. 2008 , 7, 1326-34	23

2142 Biomarkers for malignant peripheral nerve sheath tumours. 2008 , 2, 801-11	1
A multicenter phase I trial of interferon-beta and temozolomide combination therapy for high-grade gliomas (INTEGRA Study). 2008 , 38, 715-8	15
2140 Procarbazine and CCNU as initial treatment in gliomatosis cerebri. 2008 , 75, 182-5	12
JSI-124 inhibits glioblastoma multiforme cell proliferation through G(2)/M cell cycle arrest and apoptosis augment. 2008 , 7, 1243-9	66
2138 Aggressive infantile embryonal tumors. 2008 , 23, 1195-204	40
2137 Histologic features and prognosis in pediatric medulloblastoma. 2008 , 11, 337-43	17
Signal transducer and activator of transcription-3: a molecular hub for signaling pathways in gliomas. 2008 , 6, 675-84	188
2135 Gene amplification is a poor prognostic factor in anaplastic oligodendrogliomas. 2008 , 10, 540-7	26
lssues of diagnostic review in brain tumor studies: from the Brain Tumor Epidemiology Consortium. 2008 , 17, 484-9	52
Analysis of 11C-methionine uptake in low-grade gliomas and correlation with proliferative activity. 2008 , 29, 1867-71	75
2132 Pilomyxoid astrocytoma: expanding the imaging spectrum. 2008 , 29, 1861-6	80
Vascular endothelial growth factor mRNA expression and peritumoral edema in canine primary central nervous system tumors. 2008 , 45, 131-9	41
2130 Microarray gene expression profiling in meningiomas and schwannomas. 2008 , 15, 826-33	12
2129 Neuroimaging in patients with gliomas. 2008 , 28, 484-94	32
2128 Neuronal and Neuronal - Glial Tumors. 2008, 21, 67-71	
2127 Primary primitive neuroectodermal tumor of the lumbar extradural space. 2008 , 2, 215-21	8
2126 Third ventricular chordoid meningioma in a child. 2008 , 2, 269-72	18
Temozolomide preferentially depletes cancer stem cells in glioblastoma. 2008 , 68, 5706-15	236

2124 Current world literature. Trauma and rehabilitation. 2008, 21, 762-4

2123	Microarray: an approach for current drug targets. 2008 , 9, 221-31	15
2122	The 2007 WHO classification of tumors of the central nervous system - what has changed?. 2008 , 21, 720-7	98
2121	New WHO Classification of Brain Tumors. 2008 , 21, 14-16	
2120	Notch, neural stem cells, and brain tumors. 2008, 73, 367-75	62
2119	Gray zones in brain tumor classification: evolving concepts. 2008 , 15, 287-97	29
2118	Extent of surgical resection is independently associated with survival in patients with hemispheric infiltrating low-grade gliomas. 2008 , 63, 700-7; author reply 707-8	396
2117	Gliomas with 1p/19q codeletion: a.k.a. oligodendroglioma. 2008 , 14, 352-7	66
2116	Association of EGFR c.2073A>T Polymorphism with Decreased Risk of Diffusely Infiltrating Astrocytoma in a Brazilian Case-Control Study. 2008 , 23, 140-146	4
2115	Frequent EGFR Positivity and Overexpression in High-Grade Areas of Human MPNSTs. 2008 , 2008, 849156	27
2114	Pharmacological therapy for depression in primary brain tumours. 2008,	
2113	Temozolomide: The evidence for its therapeutic efficacy in malignant astrocytomas. 2010 , 4, 93-111	19
2112	2007 World Health Organization classification of tumours of the central nervous system. 2009 , 9 Spec No A, S1-3	38
2111	Bevacizumab: Review of Development, Pharmacology, and Application to Brain Tumors. 2009 , 1, CMT.S2042	
2110	Neuro-Oncology. 771-822	1
2109	CRX is a diagnostic marker of retinal and pineal lineage tumors. 2009 , 4, e7932	35
2108	Histidine-rich glycoprotein can prevent development of mouse experimental glioblastoma. 2009 , 4, e8536	23
2107	A novel functional polymorphism, 16974 A/C, in the interleukin-12-3' untranslated region is associated with risk of glioma. 2009 , 28, 335-41	34

2106	The ABCG2 resistance network of glioblastoma. 2009 , 8, 2937-2945	86
2105	Methyl-L-11C-methionine PET as a diagnostic marker for malignant progression in patients with glioma. 2009 , 50, 1962-8	75
2104	Rosette-forming glioneuronal tumour of the fourth ventricle with previous intratumoural haemorrhage: case report and review of the literature. 2009 , 37, 958-66	16
2103	NK cells recognize and kill human glioblastoma cells with stem cell-like properties. 2009 , 182, 3530-9	220
2102	Oligodendrogliomas: molecular biology and treatment. 2009 , 14, 155-63	59
2101	Identification of tumor-initiating cells in a highly aggressive brain tumor using promoter activity of nucleostemin. 2009 , 106, 17163-8	75
2100	BNIP3 (Bcl-2 19 kDa interacting protein) acts as transcriptional repressor of apoptosis-inducing factor expression preventing cell death in human malignant gliomas. 2009 , 29, 4189-99	43
2099	TWIST-1 is overexpressed in neoplastic choroid plexus epithelial cells and promotes proliferation and invasion. 2009 , 69, 2219-23	48
2098	Design and application of oncolytic HSV vectors for glioblastoma therapy. 2009 , 9, 505-17	38
2097	The angiopoietin 1/angiopoietin 2 balance as a prognostic marker in primary glioblastoma multiforme. 2009 , 110, 147-55	45
2096	An investigation of WNT pathway activation and association with survival in central nervous system primitive neuroectodermal tumours (CNS PNET). 2009 , 100, 1292-302	36
2095	Expression, mutation and copy number analysis of platelet-derived growth factor receptor A (PDGFRA) and its ligand PDGFA in gliomas. 2009 , 101, 973-82	87
2094	De novo induction of genetically engineered brain tumors in mice using plasmid DNA. 2009 , 69, 431-9	103
2093	Different response of human glioma tumor-initiating cells to epidermal growth factor receptor kinase inhibitors. 2009 , 284, 7138-48	106
2092	Eukaryotic initiation factors (eIF) 2alpha and 4E expression, localization, and phosphorylation in brain tumors. 2009 , 57, 503-12	25
2091	CD133+ glioblastoma stem-like cells are radiosensitive with a defective DNA damage response compared with established cell lines. 2009 , 15, 5145-53	149
2090	Head's up on the treatment of malignant glioma patients. 2009 , 36, E232-40	9
2089	Health-related quality of life in patients with high-grade glioma. 2009 , 11, 41-50	49

	Papillary tumor of the pineal region of a dog. 2009 , 21, 910-4	5
2087	Occipital transtentorial approach and combined treatments for pineal parenchymal tumors. 2009 , 23, 26-43	12
2086	iTRAQ-based proteomics profiling reveals increased metabolic activity and cellular cross-talk in angiogenic compared with invasive glioblastoma phenotype. 2009 , 8, 2595-612	58
2085	Survival and functional outcome of childhood spinal cord low-grade gliomas. Clinical article. 2009 , 4, 254-61	34
2084	A network model of a cooperative genetic landscape in brain tumors. 2009 , 302, 261-75	144
2083	Supratentorial low-grade gliomas in older patients. 2009 , 73, 2093-8	45
2082	From glioblastoma to gangliocytoma: an unforeseen but welcome shift in biological behavior. 2009 , 4, 475-8	7
2081	Forniceal glioma in children. Clinical article. 2009 , 4, 249-53	4
2080	Unmet needs in the treatment of glioblastoma. 2009 , 9, 545-51	3
2079	Chronic epilepsy associated with temporal tumors: long-term surgical outcome. 2009 , 27, E6	24
2078	The PTEN-regulating microRNA miR-26a is amplified in high-grade glioma and facilitates	
	gliomagenesis in vivo. 2009 , 23, 1327-37	403
2077	Drosophila melanogaster as a model organism of brain diseases. 2009, 10, 407-40	4°3 93
2077		
,,	Drosophila melanogaster as a model organism of brain diseases. 2009 , 10, 407-40 A pragmatic clinicopathobiological grouping/staging system for gliomas: proposal of the Indian	93
2076	Drosophila melanogaster as a model organism of brain diseases. 2009, 10, 407-40 A pragmatic clinicopathobiological grouping/staging system for gliomas: proposal of the Indian TNM subcommittee on brain tumors. 2009, 57, 247-51 High specificity of quantitative methylation-specific PCR analysis for MGMT promoter	93
2076	Drosophila melanogaster as a model organism of brain diseases. 2009, 10, 407-40 A pragmatic clinicopathobiological grouping/staging system for gliomas: proposal of the Indian TNM subcommittee on brain tumors. 2009, 57, 247-51 High specificity of quantitative methylation-specific PCR analysis for MGMT promoter hypermethylation detection in gliomas. 2009, 2009, 531692	93 1 20
2076 2075 2074	Drosophila melanogaster as a model organism of brain diseases. 2009, 10, 407-40 A pragmatic clinicopathobiological grouping/staging system for gliomas: proposal of the Indian TNM subcommittee on brain tumors. 2009, 57, 247-51 High specificity of quantitative methylation-specific PCR analysis for MGMT promoter hypermethylation detection in gliomas. 2009, 2009, 531692 Alterations of BRAF and HIPK2 loci predominate in sporadic pilocytic astrocytoma. 2009, 73, 1526-31 Intracranial low-grade gliomas in adults: 30-year experience with long-term follow-up at Mayo	93 1 20 97

2070	Pilocytic astrocytoma of the optic pathway: a tumour deriving from radial glia cells with a specific gene signature. 2009 , 132, 1523-35	48
2069	Prognostic significance of growth kinetics in newly diagnosed glioblastomas revealed by combining serial imaging with a novel biomathematical model. 2009 , 69, 9133-40	161
2068	Tumor-associated epilepsy and glioma: are there common genetic pathways?. 2009 , 48, 955-63	40
2067	The role of surgery in the management of intracranial gliomas: current concepts. 2009 , 46, 120-6	7
2066	Bevacizumab plus irinotecan in the treatment patients with progressive recurrent malignant brain tumours. 2009 , 48, 52-8	86
2065	Repeated molecular testing in gliomas: a retrospective study of 53 cases. 2009 , 132, 118-24	3
2064	Independent association of extent of resection with survival in patients with malignant brain astrocytoma. 2009 , 110, 156-62	573
2063	Pure cortical supratentorial extraventricular ependymoma. 2009 , 57, 516-7; author reply 517	
2062	Angiocentric glioma: a case series. 2009 , 3, 197-202	45
2061	Candidate genes on chromosome 9q33-34 involved in the progression of childhood ependymomas. 2009 , 27, 1884-92	78
2060	Dasatinib-induced autophagy is enhanced in combination with temozolomide in glioma. 2009 , 8, 394-406	104
2059	Molecular neuropathology of gliomas. 2009 , 10, 184-212	33
2058	Glioblastoma subclasses can be defined by activity among signal transduction pathways and associated genomic alterations. 2009 , 4, e7752	390
2057	IDH1 mutations are present in the majority of common adult gliomas but rare in primary glioblastomas. 2009 , 11, 341-7	435
2056	Unsupervised analysis of transcriptomic profiles reveals six glioma subtypes. 2009 , 69, 2091-9	174
2055	Melding a New 3-Dimensional Agarose Colony Assay with the E(max) Model to Determine the Effects of Drug Combinations on Cancer Cells. 2009 , 8, 163-76	2
2054	Imaging findings of extraventricular neurocytoma: report of 3 cases and review of the literature. 2009 , 30, 581-5	70
2053	Bevacizumab and irinotecan for recurrent oligodendroglial tumors. 2009 , 72, 1601-6	64

2052	Medulloblastoma with myogenic differentiation showing double immunopositivity for synaptophysin and myoglobin. 2009 , 59, 255-60	7
2051	Atypical cell clusters expressing both neuronal and oligodendrocytic markers: novel histological pattern of glioneuronal tumors?. 2009 , 59, 735-43	4
2050	The critical role of ERK in death resistance and invasiveness of hypoxia-selected glioblastoma cells. 2009 , 9, 27	27
2049	Matrix gla protein (MGP): an overexpressed and migration-promoting mesenchymal component in glioblastoma. 2009 , 9, 302	37
2048	ECRG4 is a candidate tumor suppressor gene frequently hypermethylated in colorectal carcinoma and glioma. 2009 , 9, 447	66
2047	Recursive partitioning analysis of prognostic factors in WHO grade III glioma patients treated with radiotherapy or radiotherapy plus chemotherapy. 2009 , 9, 450	16
2046	A reproducible brain tumour model established from human glioblastoma biopsies. 2009 , 9, 465	75
2045	Frequent loss of heterozygosity and altered expression of the candidate tumor suppressor gene 'FAT' in human astrocytic tumors. 2009 , 9, 5	28
2044	Astrocytoma derived short-term cell cultures retain molecular signatures characteristic of the tumour in situ. 2009 , 315, 2835-46	10
2043	The expression and significance of HIF-1alpha and GLUT-3 in glioma. 2009 , 1304, 149-54	58
2042	ROCKs are expressed in brain tumors and are required for glioma-cell migration on myelinated axons. 2009 , 57, 499-509	41
2041	PDGF-B induces a homogeneous class of oligodendrogliomas from embryonic neural progenitors. 2009 , 124, 2251-9	43
2040	Identification of HLA-A2- and A24-restricted T-cell epitopes derived from SOX6 expressed in glioma stem cells for immunotherapy. 2010 , 126, 919-29	30
2039	Low-grade gliomas in older patients: long-term follow-up from Mayo Clinic. 2009 , 115, 3969-78	37
2038	Outcome and prognostic features in pediatric gliomas: a review of 6212 cases from the Surveillance, Epidemiology, and End Results database. 2009 , 115, 5761-70	162
2037	MAPK pathway activation and the origins of pediatric low-grade astrocytomas. 2010 , 222, 509-14	73
2036	Stepwise accumulation of distinct genomic aberrations in a patient with progressively metastasizing ependymoma. 2009 , 48, 229-38	22
2035	Novel oncogene amplifications in tumors from a family with Li-Fraumeni syndrome. 2009 , 48, 558-68	8

2034	Genomic aberrations in 80 cases of primary glioblastoma multiforme: Pathogenetic heterogeneity and putative cytogenetic pathways. 2009 , 48, 908-24		36
2033	Desmoplastic small round cell tumor of the central nervous system: report of two cases and review of the literature. 2009 , 454, 431-9		28
2032	Tumeurs oligodendrogliales anaplasiques. 2009 , 11, 61-66		
2031	Glioblastomes: aspects moltulaires et prise en charge actuelle. 2009 , 11, 67-71		1
2030	Clinicopathological features from long-term observation of a papillary tumor of the pineal region (PTPR): a case report. 2009 , 26, 83-8		22
2029	Anaplastic meningioma in an adolescent: a report of a rare case and brief review of literature. 2009 , 25, 241-5		5
2028	Posterior fossa clear cell meningioma without dural attachment in a child. 2009 , 25, 389-92		21
2027	Intracranial meningiomas of childhood and adolescence: report of 34 cases with follow-up. 2009 , 25, 1411-7		29
2026	Novel genomic amplification targeting the microRNA cluster at 19q13.42 in a pediatric embryonal tumor with abundant neuropil and true rosettes. <i>Acta Neuropathologica</i> , 2009 , 117, 457-64	14.3	91
2025	Expression of EAAT-1 distinguishes choroid plexus tumors from normal and reactive choroid plexus epithelium. <i>Acta Neuropathologica</i> , 2009 , 117, 667-75	14.3	17
2024	Rosette-forming glioneuronal tumor: report of an unusual case with intraventricular dissemination. <i>Acta Neuropathologica</i> , 2009 , 118, 813-9	14.3	47
2023	High expression of cathepsin B and plasminogen activator inhibitor type-1 are strong predictors of survival in glioblastomas. <i>Acta Neuropathologica</i> , 2009 , 118, 745-54	14.3	54
2022	Efficacy of anti-epileptic drugs in patients with gliomas and seizures. 2009 , 256, 1519-26		149
2021	Aberrant MGMT (O6-methylguanine-DNA methyltransferase) promoter methylation in choroid plexus tumors. 2009 , 91, 151-5		16
2020	Histone acetylation resulting in resistance to methotrexate in choroid plexus cells. 2009 , 91, 279-86		8
2019	Clinical epidemiology for childhood primary central nervous system tumors. 2009 , 92, 87-98		73
2018	Reactivation of death receptor 4 (DR4) expression sensitizes medulloblastoma cell lines to TRAIL. 2009 , 93, 303-18		33
2017	miR-21 and 221 upregulation and miR-181b downregulation in human grade II-IV astrocytic tumors. 2009 , 93, 325-32		186

	Management of newly diagnosed glioblastoma: guidelines development, value and application. 2009 , 93, 1-23	39
2015	Incidence of first primary central nervous system tumors in California, 2001-2005. 2009 , 94, 249-61	12
2014	'Putting our heads together': insights into genomic conservation between human and canine intracranial tumors. 2009 , 94, 333-49	63
2013	Improving the prognosis for patients with glioblastoma: the rationale for targeting Src. 2009, 95, 151-163	38
2012	Atypical choroid plexus papilloma: clinical experience in the CPT-SIOP-2000 study. 2009 , 95, 383-392	104
	The Austrian Brain Tumour Registry: a cooperative way to establish a population-based brain tumour registry. 2009 , 95, 401-411	136
2010	Primary, non-exophytic, optic nerve germ cell tumors. 2009 , 95, 437-443	12
2009	Hox-D genes expression in pediatric low-grade gliomas: real-time-PCR study. 2009 , 29, 1-6	17
2008	Cerebral malignancy presenting with post stroke depression. 2009 , 80, 191-7	2
2007	microRNAs in gliomas: small regulators of a big problem. 2009 , 11, 208-22	65
2006	Significance of p53 and CD31 in astrogliomas. 2009 , 26, 86-92	9
2005	Glioblastome. 2009 , 4, 4-11	1
	Hematopoietic- and neurologic-expressed sequence 1 expression in the murine GL261 and high-grade human gliomas. 2009 , 15, 437-44	18
	A menigothelial meningioma (WHO grade I) with malignant progression and cutaneous, pulmonary and bone metastases: a case report. 2009 , 2, 26-28	
	Simple and complex dysembryoplastic neuroepithelial tumors (DNT) variants: clinical profile, MRI, and histopathology. 2009 , 51, 433-43	91
	Human bone marrow-derived mesenchymal stromal cells expressing S-TRAIL as a cellular delivery vehicle for human glioma therapy. 2009 , 27, 2320-30	146
	NOTCH pathway blockade depletes CD133-positive glioblastoma cells and inhibits growth of tumor neurospheres and xenografts. 2010 , 28, 5-16	473
1999	Gliosarcoma stem cells undergo glial and mesenchymal differentiation in vivo. 2010 , 28, 181-90	60

1998	astrocytomas. 2009 , 218, 172-81	231
1997	Medical, psychological, cognitive and educational late-effects in pediatric low-grade glioma survivors treated with surgery only. 2009 , 53, 417-23	49
1996	Bilateral gonadoblastoma with dysgerminoma and pilocytic astrocytoma with WT1 GT-IVS9 mutation: A 46 XY phenotypic female with Frasier syndrome. 2009 , 53, 1349-51	11
1995	Family, demographic and illness-related determinants of HRQL in children with brain tumours in the first year after diagnosis. 2009 , 53, 1092-9	28
1994	Role of Wnt inhibitory factor-1 and Wnt/wingless signaling in choroid plexus tumors. 2009 , 53, 1152-5	3
1993	Selection of suitable housekeeping genes for expression analysis in glioblastoma using quantitative RT-PCR. 2009 , 10, 17	115
1992	Genomic profiling distinguishes familial multiple and sporadic multiple meningiomas. 2009, 2, 42	33
1991	Epidermal growth factor receptor extracellular domain mutations in primary glioblastoma. 2009 , 35, 208-13	25
1990	Transformation of a low-grade pineal parenchymal tumour to secondary pineoblastoma. 2009 , 35, 214-7	9
1989	Vesicle amine transport protein-1 (VAT-1) is upregulated in glioblastomas and promotes migration. 2009 , 35, 342-352	7
1988	Real-time quantitative polymerase chain reaction (qPCR) analysis with fluorescence resonance energy transfer (FRET) probes reveals differential expression of the four ERBB4 juxtamembrane region variants between medulloblastoma and pilocytic astrocytoma. 2009 , 35, 353-366	14
1987	The PFKFB3 splice variant UBI2K4 is downregulated in high-grade astrocytomas and impedes the growth of U87 glioblastoma cells. 2009 , 35, 566-78	16
1986	Type A microsatellite instability in pediatric gliomas as an indicator of Turcot syndrome. 2009 , 17, 919-27	31
1985	Aryl hydrocarbon receptor inhibition downregulates the TGF-beta/Smad pathway in human glioblastoma cells. 2009 , 28, 2593-605	92
1984	Hypoxia promotes expansion of the CD133-positive glioma stem cells through activation of HIF-1alpha. 2009 , 28, 3949-59	527
1983	Oncogenic RAF1 rearrangement and a novel BRAF mutation as alternatives to KIAA1549:BRAF fusion in activating the MAPK pathway in pilocytic astrocytoma. 2009 , 28, 2119-23	242
1982	Duplication of 7q34 is specific to juvenile pilocytic astrocytomas and a hallmark of cerebellar and optic pathway tumours. 2009 , 101, 722-33	141
1981	The 'rosette-forming glioneuronal tumor' of the fourth ventricle. 2009 , 29, 309-14	22

1980	Genetic alterations of protein-o-mannosyltransferase-1 in glioneuronal and glial brain tumors with subarachnoid spread. 2009 , 29, 116-24	1
1979	Cytoplasmic LRIG2 expression is associated with poor oligodendroglioma patient survival. 2009 , 29, 242-7	40
1978	Malignant craniopharyngioma; case report and review of the literature. 2009 , 29, 591-6	23
1977	Classic and desmoplastic medulloblastoma: complete case reports and characterizations of two new cell lines. 2009 , 29, 398-409	9
1976	Anaplastic meningioma: progression from atypical and chordoid morphotype with morphologic spectral variation at recurrence. 2010 , 30, 279-87	6
1975	Immunotherapy of diffuse gliomas: biological background, current status and future developments. 2009 , 19, 674-93	73
1974	Immunotherapy of diffuse gliomas: helping the brain fight back!. 2009 , 19, 672-3	О
1973	Robust detection of EGFR copy number changes and EGFR variant III: technical aspects and relevance for glioma diagnostics. 2009 , 19, 661-71	61
1972	Taylor's focal cortical dysplasia increases the risk of sleep-related epilepsy. 2009 , 50, 2599-604	56
1971	PPARgamma and RXRgamma ligands act synergistically as potent antineoplastic agents in vitro and in vivo glioma models. 2009 , 109, 1779-90	50
1970	Intra-operatively obtained human tissue: protocols and techniques for the study of neural stem cells. 2009 , 180, 116-25	34
1969	Pattern of relapse after fractionated external beam radiotherapy for meningioma: experience from Addenbrooke's Hospital. 2009 , 21, 745-52	1
1968	Intracranial ependymomas in children: society of pediatric oncology experience with postoperative hyperfractionated local radiotherapy. 2009 , 74, 1536-42	25
1967	Adult supratentorial low-grade glioma: long-term experience at a single institution. 2009, 75, 1401-7	66
1966	Tumour enhancing fraction (EnF) in glioma: relationship to tumour grade. 2009 , 19, 1489-98	14
1965	SOX2 silencing in glioblastoma tumor-initiating cells causes stop of proliferation and loss of tumorigenicity. 2009 , 27, 40-8	455
1964	Genetic signature of adult gliomas and correlation with MRI features. 2009 , 9, 709-20	11
1963	Expression of myelin basic protein and glial fibrillary acidic protein genes in human glial tumors. 2009 , 43, 22-27	

1962 Pediatric ependy	ymoma: biological perspectives. 2009 , 7, 765-86	136
1961 MicroRNA-15b re	egulates cell cycle progression by targeting cyclins in glioma cells. 2009 , 380, 205-10	121
	FPR restrains xenograft tumors by impairing the angiogenic potential and invasive lignant glioma cells. 2009 , 381, 448-52	15
1959 MicroRNA involv	vement in glioblastoma pathogenesis. 2009 , 386, 1-5	109
	reoperative depression and survival after resection of malignant brain 09 , 71, 299-303, discussion 303	56
1957 Commentary. 20	909 , 71, 303	
	growth factor expression correlates with tumor grade and proliferative activity in drogliomas. 2009 , 72, 54-60	12
	with calcification and neurofilament expression: case report and review of the i et al. Surg Neurol 2008;10.1016/j.surneu.2007.07.032). 2009 , 72, 554-5; discussion 555	1
1954 Comparison of (18)F-FET and (18)F-FDG PET in brain tumors. 2009 , 36, 779-87	152
	of Nrp/b (nuclear restrict protein in brain) suppresses the malignant phenotype in na cell line. 2009 , 117, 107-16	4
	leukin (IL)-8 expression in human astrocytomas: associations with IL-6, 2, vascular endothelial growth factor, and microvessel morphometry. 2009 , 70, 391-7	42
1951 Ependymoma of	the sella turcica: a variant of pituicytoma. 2009 , 40, 435-40	38
1950 Rosette-forming	g glioneuronal tumor. 2009 , 40, 1510; author reply 1510	
1949 Tubular invasion	and the morphogenesis of tumor budding in colorectal carcinoma. 2009 , 40, 1510-2	22
1948 [Choroid plexus	carcinoma: a case report]. 2009 , 55, 333-6	2
1947 Solitary fibrous t	tumor of the thoracic spine. 2009 , 55, 573-5	7
1946 [Central neurocy	/toma: case report]. 2009 , 55, 581-4	Ο
1945 Isoform-specific	expression of 14-3-3 proteins in human astrocytoma. 2009 , 276, 54-9	52

1944	Rembrandt: helping personalized medicine become a reality through integrative translational research. 2009 , 7, 157-67	298
1943	Recent progress towards development of effective systemic chemotherapy for the treatment of malignant brain tumors. 2009 , 7, 77	61
1942	yuDetecting the percent of peripheral blood mononuclear cells displaying p-STAT-3 in malignant glioma patients. 2009 , 7, 92	6
1941	Chapter 11 - Solid lipid nanoparticles for brain tumors therapy: State of the art and novel challenges. 2009 , 180, 193-223	10
1940	The potential impact of tumour biology on improved clinical practice for medulloblastoma: progress towards biologically driven clinical trials. 2009 , 23, 364-75	71
1939	Diagnosis of childhood astrocytomas. 2009 , 3, 501-22	
1938	Pediatric gliomas. 2009 , 171, 67-81	30
1937	Gliomas. 2009 ,	11
1936	Anti-VEGF therapies for malignant glioma: treatment effects and escape mechanisms. 2009, 13, 455-68	67
1935	Modeling glioma growth and invasion in Drosophila melanogaster. 2009 , 11, 882-8	60
1934	[Value of perfusion MRI in the study of pilocytic astrocytoma and hemangioblastoma: preliminary findings]. 2009 , 36, 82-7	26
1933	Aberrant methylation and reduced expression of LHX9 in malignant gliomas of childhood. 2009 , 11, 700-11	29
1932	Melanocitoma mentigeo del tigulo pontocerebeloso: ¿Un tumor benigno?. 2009 , 20, 372-379	4
1931	DNA copy number variation and gene expression analyses reveal the implication of specific oncogenes and genes in GBM. 2009 , 27, 541-8	13
1930	Histology and molecular pathology of pediatric brain tumors. 2009 , 24, 1375-86	46
1929	BMI1 sustains human glioblastoma multiforme stem cell renewal. 2009 , 29, 8884-96	239
1928	Paediatric high and low grade glioma: the impact of tumour biology on current and future therapy. 2009 , 23, 351-63	40
1927	Differentiation between glioblastomas and solitary brain metastases using diffusion tensor imaging. 2009 , 44, 653-60	119

1926	Expression of integrin alpha6beta1 enhances tumorigenesis in glioma cells. 2009 , 175, 844-55	56
1925	IDH1 mutations are early events in the development of astrocytomas and oligodendrogliomas. 2009 , 174, 1149-53	757
1924	Platelet-derived growth factor receptor expression and activation in choroid plexus tumors. 2009 , 175, 1631-7	36
1923	Emerging subspecialties in neurology: neuro-oncology: a developing subspecialty with many opportunities. 2009 , 72, e51-3	3
1922	Multiparametric characterization of grade 2 glioma subtypes using magnetic resonance spectroscopic, perfusion, and diffusion imaging. 2009 , 2, 271-80	29
1921	Quantitative assessment of blood volume and permeability in cerebral mass lesions using dynamic contrast-enhanced computed tomography in the dog. 2009 , 16, 1187-95	10
1920	Multifocal epithelioid glioblastoma mimicking cerebral metastasis: case report. 2009 , 20, 550-4	12
1919	NHERF-1: modulator of glioblastoma cell migration and invasion. 2009 , 11, 377-87	53
1918	Comentario al trabajo Melanocitoma menfigeo del figulo pontocerebeloso: ¿Un tumor benigno? de Gonzlez-Tortosa y cols. 2009 , 20, 379-380	
1917	Neuroimaging in neuro-oncology. 2009 , 27, 171-201, ix	35
1917 1916	Neuroimaging in neuro-oncology. 2009, 27, 171-201, ix Long-term recurrence rates of atypical meningiomas after gross total resection with or without postoperative adjuvant radiation. 2009, 64, 56-60; discussion 60	35 346
,	Long-term recurrence rates of atypical meningiomas after gross total resection with or without	
1916	Long-term recurrence rates of atypical meningiomas after gross total resection with or without postoperative adjuvant radiation. 2009 , 64, 56-60; discussion 60 Association of surgically acquired motor and language deficits on overall survival after resection of	346
1916 1915	Long-term recurrence rates of atypical meningiomas after gross total resection with or without postoperative adjuvant radiation. 2009 , 64, 56-60; discussion 60 Association of surgically acquired motor and language deficits on overall survival after resection of glioblastoma multiforme. 2009 , 65, 463-9; discussion 469-70 Presurgical (99m)Tc-sestamibi brain SPET/CT versus SPET: a comparison with MRI and histological	346 282
1916 1915 1914	Long-term recurrence rates of atypical meningiomas after gross total resection with or without postoperative adjuvant radiation. 2009, 64, 56-60; discussion 60 Association of surgically acquired motor and language deficits on overall survival after resection of glioblastoma multiforme. 2009, 65, 463-9; discussion 469-70 Presurgical (99m)Tc-sestamibi brain SPET/CT versus SPET: a comparison with MRI and histological data in 33 patients with brain tumours. 2009, 30, 660-8 Lateral supraorbital approach applied to olfactory groove meningiomas: experience with 66	346 282 9
1916 1915 1914	Long-term recurrence rates of atypical meningiomas after gross total resection with or without postoperative adjuvant radiation. 2009, 64, 56-60; discussion 60 Association of surgically acquired motor and language deficits on overall survival after resection of glioblastoma multiforme. 2009, 65, 463-9; discussion 469-70 Presurgical (99m)Tc-sestamibi brain SPET/CT versus SPET: a comparison with MRI and histological data in 33 patients with brain tumours. 2009, 30, 660-8 Lateral supraorbital approach applied to olfactory groove meningiomas: experience with 66 consecutive patients. 2009, 65, 39-52; discussion 52-3 Temporal lobe epilepsy: neuropathological and clinical correlations in 243 surgically treated	346 282 9
1916 1915 1914 1913	Long-term recurrence rates of atypical meningiomas after gross total resection with or without postoperative adjuvant radiation. 2009, 64, 56-60; discussion 60 Association of surgically acquired motor and language deficits on overall survival after resection of glioblastoma multiforme. 2009, 65, 463-9; discussion 469-70 Presurgical (99m)Tc-sestamibi brain SPET/CT versus SPET: a comparison with MRI and histological data in 33 patients with brain tumours. 2009, 30, 660-8 Lateral supraorbital approach applied to olfactory groove meningiomas: experience with 66 consecutive patients. 2009, 65, 39-52; discussion 52-3 Temporal lobe epilepsy: neuropathological and clinical correlations in 243 surgically treated patients. 2009, 11, 281-92 A Review of Changes Introduced by the WHO Classification of Tumours of the Central Nervous	346 282 9

1908	Efficacy and mechanism of anti-tumor action of new potential CK2 inhibitors toward glioblastoma cells. 2009 , 35, 1091-100	21
1907	Pituicytoma presenting with atypical histological features. 2009 , 41, 505-9	18
1906	Conspicuous angiotropism of malignant melanoma involving the brain: implications for extravascular migratory metastasis. 2009 , 31, 205-8	15
1905	Novel molecular stereotactic biopsy procedures reveal intratumoral homogeneity of loss of heterozygosity of 1p/19q and TP53 mutations in World Health Organization grade II gliomas. 2009 , 68, 1219-28	62
1904	Aspects ghtiques des tumeurs cfbrales primitives de l'adulte. 2009 , 6, 1-10	
1903	Differentiation between Supratentorial Single Brain Metastases and High Grade Astrocytic Tumors: an Evaluation of Different DSC MRI Measurements. 2009 , 22, 369-77	1
1902	Optic nerve dysfunction in a mouse model of neurofibromatosis-1 optic glioma. 2009 , 68, 542-51	36
1901	Genomic profiling of atypical meningiomas associates gain of 1q with poor clinical outcome. 2009 , 68, 1155-65	35
1900	Cribriform neuroepithelial tumor (CRINET): a nonrhabdoid ventricular tumor with INI1 loss and relatively favorable prognosis. 2009 , 68, 1249-55	73
1899	Primetime for antiangiogenic therapy. 2009 , 22, 639-44	9
1898	Expression of PROX1 Is a common feature of high-grade malignant astrocytic gliomas. 2010 , 69, 129-38	40
1897	Giant cell glioblastoma is associated with altered aurora b expression and concomitant p53 mutation. 2010 , 69, 632-42	24
1896	Tumeurs intracriiennes de l'adulte. 2010 , 5, 1-11	
1895	Tumeurs hmisphfiques intracrfiiennes (approche nosologique et smiologique en imagerie). 2010 , 5, 1-16	
1894	Giant cystic intradural lumbosacral schwannoma: is stabilization necessary?. 2010, 37, 535-8	2
1893	Imagerie des tumeurs cfbrales chez l'enfant. Tumeurs sus-tentorielles. 2010 , 5, 1-15	
1892	Tumeurs cranioencphaliques de la ligne mdiane. 2010 , 5, 1-13	
1891	Epilepsy and brain tumors. 2010 , 22, 611-20	118

1890 The efficacy of dual time point F-18 FDG PET imaging for grading of brain tumors. 2010 , 35, 400-3	26
Prolonged survival of a patient with cervical intramedullary glioblastoma multiforme treated with total resection, radiation therapy, and temozolomide. 2010 , 21, 963-7	17
Papillary glioneuronal tumor present in a patient with encephalocraniocutaneous lipomatosis: case report. 2010 , 67, E1165-9	27
Investigation of blood perfusion and metabolic activity of brain tumours in adults by using 99mTc-methoxyisobutylisonitrile. 2010 , 31, 962-73	6
1886 Spectrum of pilomyxoid astrocytomas: intermediate pilomyxoid tumors. 2010 , 34, 1783-91	58
Functional magnetic resonance imaging and diffusion tensor tractography incorporated into an intraoperative 3-dimensional ultrasound-based neuronavigation system: impact on therapeutic strategies, extent of resection, and clinical outcome. 2010 , 67, 251-64	63
1884 Atypical teratoid or rhabdoid tumors: improved outcome with high-dose chemotherapy. 2010 , 32, e1	82-6 59
1883 Gangliogliomas: recent advances in classification and treatment. 2010 , 5, 557-568	2
Biomolecular diagnosis of human glioblastoma multiforme using Synchrotron mid-infrared spectromicroscopy. 2010 , 26, 11-6	9
$_{f 1}881$ Central neurocytoma presenting with massive hemorrhage leading to comacase report. 2010 , 50, 1	39-43 9
1880 Malignant transformation of craniopharyngioma associated with moyamoya syndrome. 2010 , 50, 599	9-603 11
Association between +61G polymorphism of the EGF gene and glioma risk in different ethnicities: a meta-analysis. 2010 , 222, 229-35	13
1878 Embryonal Tumors. 2010 , 34-51	
Comparative metabolic profiling of paediatric ependymoma, medulloblastoma and pilocytic astrocytoma. 2010 , 26, 941-8	24
1876 Pharmacological treatment of depression in patients with a primary brain tumour. 2010 , CD006932	19
1875 Higher pAkt expression predicts a significant worse prognosis in glioblastomas. 2010 , 51, 343-8	48
1874 Antiepileptic drugs for treating seizures in people with brain tumours. 2010 ,	
Overcoming the challenges in the effective delivery of chemotherapies to CNS solid tumors. 2010 , 1, 289-305	19

Loss of 1p, 19q, and 10q heterozygosity prospectively predicts prognosis of oligodendroglial tumorstowards individualized tumor treatment?. 2010 , 12, 490-9	17
1871 Glioblastoma Models in Drosophila Melanogaster. 2010 ,	2
1870 CNS Cancers. 2010 , 223-294	1
$_{ m 1869}$ Imaging of adult astrocytic brain tumours with 7 T MRI: preliminary results. 2010 , 20, 704-13	46
1868 Type I focal cortical dysplasia: surgical outcome is related to histopathology. 2010 , 12, 181-91	101
$_{f 1}867$ The ultrastructural study of tumorigenic cells using nanobiomarkers. 2010 , 25, 289-98	8
1866 [The role of diagnostic neuropathology in familial tumour syndromes]. 2010 , 31, 464-70	0
$_{ m 1865}$ Freiburg neuropathology case conference: a medial temporal lobe lesion. 2010 , 20, 179-82	
1864 Freiburg neuropathology case conference: an intraventricular mass lesion. 2010 , 20, 261-5	
1863 Freiburg neuropathology case conference: a diffusely infiltrating lesion. 2010 , 20, 70-3	
Pineal parenchymal tumors. Management with interstitial iodine-125 radiosurgery. 2010 , 186, 1	27-34 20
[Anaplastic glioma. Neuropathology, molecular diagnostics and current study concepts]. 2010 , 8 928-30, 932-5	31, 1
[Angiogenesis inhibition in neurooncology. A very promising therapy strategy for malignant glioma]. 2010 , 81, 936-9	
$_{ m 1859}$ Congenital tumors of the central nervous system. 2010 , 52, 531-48	66
1858 Medulloblastoma: atypical CT and MRI findings in children. 2010 , 40, 1254-62	38
The impact of radiotherapy fields in the treatment of patients with choroid plexus carcinoma. 200 78, 79-84	010, 42
1856 In pursuit of prognostic factors in children with pilocytic astrocytomas. 2010 , 26, 19-28	18
1855 Surgical morbidity and mortality of pediatric brain tumors: a single center audit. 2010 , 26, 1583-	.92 22

1854	Epidemiologic profile of pediatric brain tumors in Morocco. 2010 , 26, 1021-7		37
1853	Embryonal tumor with abundant neuropil and true rosettes (ETANTR): a new distinctive variety of pediatric PNET: a case-based update. 2010 , 26, 1003-8		32
1852	Intracranial germinoma: clinical and MRI findings in 56 patients. 2010 , 26, 1773-7		51
1851	Heterozygous germ-line mutations in the NBN gene predispose to medulloblastoma in pediatric patients. <i>Acta Neuropathologica</i> , 2010 , 119, 325-34	14.3	21
1850	Protein tyrosine phosphatases in glioma biology. Acta Neuropathologica, 2010, 119, 157-75	14.3	54
1849	Astrocytes: biology and pathology. <i>Acta Neuropathologica</i> , 2010 , 119, 7-35	14.3	3017
1848	Focal genomic amplification at 19q13.42 comprises a powerful diagnostic marker for embryonal tumors with ependymoblastic rosettes. <i>Acta Neuropathologica</i> , 2010 , 120, 253-60	14.3	115
1847	Childhood medulloblastoma: novel approaches to the classification of a heterogeneous disease. <i>Acta Neuropathologica</i> , 2010 , 120, 305-16	14.3	87
1846	Molecular diagnostics of CNS embryonal tumors. <i>Acta Neuropathologica</i> , 2010 , 120, 553-66	14.3	72
1845	MYB upregulation and genetic aberrations in a subset of pediatric low-grade gliomas. <i>Acta Neuropathologica</i> , 2010 , 120, 731-43	14.3	47
1844	Absence of IDH mutation identifies a novel radiologic and molecular subtype of WHO grade II gliomas with dismal prognosis. <i>Acta Neuropathologica</i> , 2010 , 120, 719-29	14.3	233
1843	Proton magnetic resonance spectroscopic imaging in pediatric low-grade gliomas. 2010 , 27, 65-70		8
1842	Intratumoral patterns of clonal evolution in gliomas. 2010 , 11, 227-39		19
1841	A tumor-specific cellular environment at the brain invasion border of adamantinomatous craniopharyngiomas. 2010 , 456, 287-300		33
1840	Genetic and protein changes of E-cadherin in meningiomas. 2010 , 136, 695-702		25
1839	Atypical histopathologic type of cystic meningioma. 2010 , 152, 105-9		8
1838	Intramedullary low grade astrocytoma and ependymoma. Surgical results and predicting factors for clinical outcome. 2010 , 152, 611-8		55
1837	Intraoperative 5-aminolevulinic-acid-induced fluorescence in meningiomas. 2010 , 152, 1711-9		91

1836	Ultrasound-guided operations in unselected high-grade gliomasoverall results, impact of image quality and patient selection. 2010 , 152, 1873-86	91
1835	MR imaging characteristics of oligodendroglial tumors with assessment of 1p/19q deletion status. 2010 , 152, 1827-34	17
1834	Changes of AXIN-1 and beta-catenin in neuroepithelial brain tumors. 2010 , 16, 75-9	15
1833	Slit2/Robo1 signaling in glioma migration and invasion. 2010 , 26, 474-8	36
1832	CD133+ cells from medulloblastoma and PNET cell lines are more resistant to cyclopamine inhibition of the sonic hedgehog signaling pathway than CD133- cells. 2010 , 31, 381-90	19
1831	Molecular markers in gliomas: impact for the clinician. 2010 , 5, 201-10	16
1830	Down-regulation of Stat3 decreases invasion activity and induces apoptosis of human glioma cells. 2010 , 40, 353-9	38
1829	The role of mitochondria in glioma pathophysiology. 2010 , 42, 64-75	66
1828	Lipids, mitochondria and cell death: implications in neuro-oncology. 2010 , 42, 76-88	26
1827	Ependymomas in adults. 2010 , 10, 240-7	106
1827 1826	Ependymomas in adults. 2010 , 10, 240-7 Side populations of glioblastoma cells are less sensitive to HSV-TK/GCV suicide gene therapy system than the non-side population. 2010 , 46, 497-501	106
,	Side populations of glioblastoma cells are less sensitive to HSV-TK/GCV suicide gene therapy	
1826	Side populations of glioblastoma cells are less sensitive to HSV-TK/GCV suicide gene therapy system than the non-side population. 2010 , 46, 497-501 Regional white matter anisotropy and reading ability in patients treated for pediatric embryonal	15
1826 1825	Side populations of glioblastoma cells are less sensitive to HSV-TK/GCV suicide gene therapy system than the non-side population. 2010 , 46, 497-501 Regional white matter anisotropy and reading ability in patients treated for pediatric embryonal tumors. 2010 , 4, 132-40 Amplification and overexpression of KIT, PDGFRA, and VEGFR2 in medulloblastomas and primitive neuroectodermal tumors. 2010 , 97, 217-24	15
1826 1825 1824	Side populations of glioblastoma cells are less sensitive to HSV-TK/GCV suicide gene therapy system than the non-side population. 2010 , 46, 497-501 Regional white matter anisotropy and reading ability in patients treated for pediatric embryonal tumors. 2010 , 4, 132-40 Amplification and overexpression of KIT, PDGFRA, and VEGFR2 in medulloblastomas and primitive neuroectodermal tumors. 2010 , 97, 217-24	15 12 31
1826 1825 1824 1823	Side populations of glioblastoma cells are less sensitive to HSV-TK/GCV suicide gene therapy system than the non-side population. 2010 , 46, 497-501 Regional white matter anisotropy and reading ability in patients treated for pediatric embryonal tumors. 2010 , 4, 132-40 Amplification and overexpression of KIT, PDGFRA, and VEGFR2 in medulloblastomas and primitive neuroectodermal tumors. 2010 , 97, 217-24 Identification of the role of Smad interacting protein 1 (SIP1) in glioma. 2010 , 97, 225-32 The expression level of sphingosine-1-phosphate receptor type 1 is related to MIB-1 labeling index	15 12 31 31
1826 1825 1824 1823	Side populations of glioblastoma cells are less sensitive to HSV-TK/GCV suicide gene therapy system than the non-side population. 2010, 46, 497-501 Regional white matter anisotropy and reading ability in patients treated for pediatric embryonal tumors. 2010, 4, 132-40 Amplification and overexpression of KIT, PDGFRA, and VEGFR2 in medulloblastomas and primitive neuroectodermal tumors. 2010, 97, 217-24 Identification of the role of Smad interacting protein 1 (SIP1) in glioma. 2010, 97, 225-32 The expression level of sphingosine-1-phosphate receptor type 1 is related to MIB-1 labeling index and predicts survival of glioblastoma patients. 2010, 98, 41-7 Spontaneous canine gliomas: overexpression of EGFR, PDGFRalpha and IGFBP2 demonstrated by	15 12 31 31 39

1818	Effectiveness of temozolomide for primary glioblastoma multiforme in routine clinical practice. 2010 , 96, 249-57	35
1817	Cellularity and apparent diffusion coefficient in oligodendroglial tumours characterized by genotype. 2010 , 96, 385-92	31
1816	Primary gliosarcoma: key clinical and pathologic distinctions from glioblastoma with implications as a unique oncologic entity. 2010 , 96, 313-20	97
1815	Prognostic significance of histological grading, p53 status, YKL-40 expression, and IDH1 mutations in pediatric high-grade gliomas. 2010 , 99, 209-15	59
1814	Can high-dose fotemustine reverse MGMT resistance in glioblastoma multiforme?. 2010 , 100, 311-9	4
1813	P53 immunoexpression as a prognostic marker for human astrocytomas: a meta-analysis and review of the literature. 2010 , 100, 363-71	27
1812	A review of malignant meningiomas: diagnosis, characteristics, and treatment. 2010 , 99, 433-43	81
1811	Stereotactic radiosurgery for WHO grade I meningiomas. 2010 , 99, 407-16	51
1810	Temozolomide delivery to tumor cells by a multifunctional nano vehicle based on poly(L-malic acid). 2010 , 27, 2317-29	60
1809	Molecular pathology in adult gliomas: diagnostic, prognostic, and predictive markers. 2010 , 9, 717-26	216
	Molecular pathology in adult gliomas: diagnostic, prognostic, and predictive markers. 2010 , 9, 717-26 Imaging of common adult and pediatric primary brain tumors. 2010 , 45, 92-106	216
1808		
1808	Imaging of common adult and pediatric primary brain tumors. 2010 , 45, 92-106	O
1808 1807 1806	Imaging of common adult and pediatric primary brain tumors. 2010 , 45, 92-106 A grade IV glioblastoma with an oligodendroglial component (GBM-O) in a horse. 2010 , 142, 332-5 CD40 is a regulator for vascular endothelial growth factor in the tumor microenvironment of	0 8
1808 1807 1806	Imaging of common adult and pediatric primary brain tumors. 2010 , 45, 92-106 A grade IV glioblastoma with an oligodendroglial component (GBM-O) in a horse. 2010 , 142, 332-5 CD40 is a regulator for vascular endothelial growth factor in the tumor microenvironment of glioma. 2010 , 222, 62-9	o 8 17
1808 1807 1806	Imaging of common adult and pediatric primary brain tumors. 2010 , 45, 92-106 A grade IV glioblastoma with an oligodendroglial component (GBM-O) in a horse. 2010 , 142, 332-5 CD40 is a regulator for vascular endothelial growth factor in the tumor microenvironment of glioma. 2010 , 222, 62-9 Chemokines and glioma: invasion and more. 2010 , 224, 8-12	o 8 17 59
1808 1807 1806 1805	Imaging of common adult and pediatric primary brain tumors. 2010, 45, 92-106 A grade IV glioblastoma with an oligodendroglial component (GBM-O) in a horse. 2010, 142, 332-5 CD40 is a regulator for vascular endothelial growth factor in the tumor microenvironment of glioma. 2010, 222, 62-9 Chemokines and glioma: invasion and more. 2010, 224, 8-12 Experimental approaches for the treatment of malignant gliomas. 2010, 128, 1-36 The INTERPRET Decision-Support System version 3.0 for evaluation of Magnetic Resonance Spectroscopy data from human brain tumours and other abnormal brain masses. 2010, 11, 581	08175966

1800	Association between EGF +61 G/A and glioma risk in a Chinese population. 2010 , 10, 221	14
1799	Health-related quality of life in glioma patients in China. 2010 , 10, 305	34
1798	Impact of adjuvant chemotherapy for gliomatosis cerebri. 2010 , 10, 424	14
1797	Outcome and prognostic factors of desmoplastic medulloblastoma treated within a multidisciplinary treatment concept. 2010 , 10, 450	10
1796	Molecular analysis of ex-vivo CD133+ GBM cells revealed a common invasive and angiogenic profile but different proliferative signatures among high grade gliomas. 2010 , 10, 454	24
1795	HIF-1 II nhibition by siRNA or chetomin in human malignant glioma cells: effects on hypoxic radioresistance and monitoring via CA9 expression. 2010 , 10, 605	69
1794	Treatment of patients with atypical meningiomas Simpson grade 4 and 5 with a carbon ion boost in combination with postoperative photon radiotherapy: the MARCIE trial. 2010 , 10, 615	35
1793	GliomaPredict: a clinically useful tool for assigning glioma patients to specific molecular subtypes. 2010 , 10, 38	10
1792	The expression of seven 14-3-3 isoforms in human meningioma. 2010 , 1336, 98-102	28
1791	Inactivation of PI3K/AKT signaling inhibits glioma cell growth through modulation of Etatenin-mediated transcription. 2010 , 1366, 9-17	47
1790	The Aurora A F31I polymorphism is not a risk factor for glioblastoma. 2010 , 74, 144-6	3
1789	miR-29b and miR-125a regulate podoplanin and suppress invasion in glioblastoma. 2010 , 49, 981-90	114
1788	Intensive chemotherapy improves survival in pediatric high-grade glioma after gross total resection: results of the HIT-GBM-C protocol. 2010 , 116, 705-12	96
1788		96 53
	resection: results of the HIT-GBM-C protocol. 2010 , 116, 705-12 Clinical characteristics and outcomes for a modern series of primary gliosarcoma patients. 2010 , 116, 1358-66	
1787	resection: results of the HIT-GBM-C protocol. 2010 , 116, 705-12 Clinical characteristics and outcomes for a modern series of primary gliosarcoma patients. 2010 , 116, 1358-66	53
1787 1786	Clinical characteristics and outcomes for a modern series of primary gliosarcoma patients. 2010 , 116, 1358-66 Dysembryoplastic neuroepithelial tumors and cognitive outcome: cure at a price?. 2010 , 116, 5461-9 Sphingosine-1-phosphate receptor type 1 regulates glioma cell proliferation and correlates with	53

1782	Residual tumor cells are unique cellular targets in glioblastoma. 2010 , 68, 264-9	77
1781	Natural history of incidental World Health Organization grade II gliomas. 2010 , 68, 727-33	142
1780	Glioblastoma cancer stem cells: heterogeneity, microenvironment and related therapeutic strategies. 2010 , 28, 343-51	73
1779	Breathhold-regulated blood oxygenation level-dependent (BOLD) MRI of human brain at 3 tesla. 2010 , 31, 78-84	13
1778	Diagnostic value of minimum apparent diffusion coefficient values in prediction of neuroepithelial tumor grading. 2010 , 31, 1331-8	32
1777	Glioma morphology and tumor-induced vascular alterations revealed in seven rodent glioma models by in vivo magnetic resonance imaging and angiography. 2010 , 32, 267-75	60
1776	Combined use of neuroradiology and 1H-MR spectroscopy may provide an intervention limiting diagnosis of glioblastoma multiforme. 2010 , 32, 1038-44	14
1775	Differential expression and cellular distribution of gamma-tubulin and betaIII-tubulin in medulloblastomas and human medulloblastoma cell lines. 2010 , 223, 519-29	32
1774	Texture measures combination for improved meningioma classification of histopathological images. 2010 , 43, 2043-2053	71
1773	mRNA levels of enzymes and receptors implicated in arachidonic acid metabolism in gliomas. 2010 , 43, 827-35	8
1772	Long term outcome of adolescent and adult patients with pineal parenchymal tumors treated with fractionated radiotherapy between 1982 and 2003a single institution's experience. 2010 , 5, 122	33
1771	Assessment of Epidermal Growth Factor Receptor (EGFR) expression in human meningioma. 2010 , 5, 46	27
1770	HCMV pUS28 initiates pro-migratory signaling via activation of Pyk2 kinase. 2010 , 1, 2	18
1769	Proteomic analysis of low- to high-grade astrocytomas reveals an alteration of the expression level of raf kinase inhibitor protein and nucleophosmin. 2010 , 10, 2812-21	30
1768	Intratumoral hypoxic gradient drives stem cells distribution and MGMT expression in glioblastoma. 2010 , 28, 851-62	202
1767	Crosstalk between the PI3K/mTOR and MEK/ERK pathways involved in the maintenance of self-renewal and tumorigenicity of glioblastoma stem-like cells. 2010 , 28, 1930-9	161
1766	Irradiation enhances the tumor tropism and therapeutic potential of tumor necrosis factor-related apoptosis-inducing ligand-secreting human umbilical cord blood-derived mesenchymal stem cells in glioma therapy. 2010 , 28, 2217-28	109
1765	Clinicopathologic study of glioblastoma in children with neurofibromatosis type 1. 2010 , 54, 890-6	44

1764	Child-related determinants of health-related quality of life in children with brain tumours 1 year after diagnosis. 2010 , 55, 1377-85	22
1763	Molecular genetic and epigenetic analysis of NCX2/SLC8A2 at 19q13.3 in human gliomas. 2010 , 36, 198-210	11
1762	KIAA0510, the 3'-untranslated region of the tenascin-R gene, and tenascin-R are overexpressed in pilocytic astrocytomas. 2010 , 36, 399-410	11
1761	Activated BRAF induces gliomas in mice when combined with Ink4a/Arf loss or Akt activation. 2010 , 29, 335-44	75
1760	The CASPR2 cell adhesion molecule functions as a tumor suppressor gene in glioma. 2010 , 29, 6138-48	22
1759	Infectious exposure in the first years of life and risk of central nervous system tumours in children: analysis of birth order, childcare attendance and seasonality of birth. 2010 , 102, 1670-5	14
1758	Combinations of genetic mutations in the adult neural stem cell compartment determine brain tumour phenotypes. 2010 , 29, 222-35	168
1757	Targeting brain cancer: advances in the molecular pathology of malignant glioma and medulloblastoma. 2010 , 10, 319-31	578
1756	Claudin 6 is a positive marker for atypical teratoid/rhabdoid tumors. 2010 , 20, 140-50	45
1755	Reduced activity of CD13/aminopeptidase N (APN) in aggressive meningiomas is associated with increased levels of SPARC. 2010 , 20, 200-10	25
1754	Pi3K-mTOR signaling and AMOG expression in epilepsy-associated glioneuronal tumors. 2010 , 20, 234-44	52
1753	Array-based genomics in glioma research. 2010 , 20, 28-38	12
1752	Diffuse leptomeningeal glioneuronal tumors: a new entity?. 2010 , 20, 361-6	70
1751	Leptin and its receptor are overexpressed in brain tumors and correlate with the degree of malignancy. 2010 , 20, 481-9	50
1750	Loss of inhibitor of growth (ING-4) is implicated in the pathogenesis and progression of human astrocytomas. 2010 , 20, 490-7	19
1749	Recent insights into PDGF-induced gliomagenesis. 2010 , 20, 527-38	36
1748	A 25-year-old woman with a mass in the hippocampus. 2010 , 20, 503-6	14
1747	Neuropathological findings in intractable epilepsy: 435 Chinese cases. 2010 , 20, 902-8	45

1746	Intratumoral patterns of genomic imbalance in glioblastomas. 2010 , 20, 936-44	52
1745	Fixation of brain tumor biopsy specimens with RCL2 results in well-preserved histomorphology, immunohistochemistry and nucleic acids. 2010 , 20, 1010-20	18
1744	Immunohistochemical expression of aromatase and estrogen, androgen and progesterone receptors in normal and neoplastic human meningeal cells. 2010 , 30, 44-9	33
1743	Roles for novel pharmacological blockers of aquaporins in the treatment of brain oedema and cancer. 2010 , 37, 403-9	60
1742	Papillary tumour of the pineal region: cytological features and implications for intraoperative diagnosis. 2010 , 42, 474-9	9
1741	Lifespan aspects of brain tumors. 393-408	
1740	Case 57 Cerebellar Medulloblastoma. 2010 ,	
1739	Canine meningioma: a case report of a rare subtype and novel atlanto basioccipital surgical approach. 2010 , 23, 372-6	4
1738	Gliomas in adults. 2010 , 107, 799-807; quiz 808	42
1737	Antiangiogenic therapy and mechanisms of tumor resistance in malignant glioma. 2010 , 2010, 251231	65
1736	Mesenchymal migration as a therapeutic target in glioblastoma. 2010 , 2010, 430142	58
1735	Glioblastomas with Oligodendroglial Component âlcommon Origin of the Different Histological Parts and Genetic Subclassification. 2010 , 33, 37-54	15
1734	Specific visualization of glioma cells in living low-grade tumor tissue. 2010 , 5, e11323	27
1733	Modified grading system for clinical outcome of intracranial non-germinomatous malignant germ cell tumors. 2010 , 1, 627-631	4
1732	Caspase-3 and Bcl-2 expression in glioblastoma: an immunohistochemical study. 2010 , 68, 603-7	25
1731	Temozolomide in malignant glioma. 2010 , 3, 139-46	18
1730	Xenograft transplantation of human malignant astrocytoma cells into immunodeficient rats: an experimental model of glioblastoma. 2010 , 65, 305-9	10
1729	A phase II trial of primary temozolomide in patients with grade III oligodendroglial brain tumors. 2010 , 12, 500-7	20

1728	Misregulated E-cadherin expression associated with an aggressive brain tumor phenotype. 2010 , 5, e13665	115
1727	High incidence of MGMT and RARbeta promoter methylation in primary glioblastomas: association with histopathological characteristics, inflammatory mediators and clinical outcome. 2010 , 16, 1-9	41
1726	Gliosarcoma of the cerebellar hemisphere: a case report and review of the literature. 2010 , 11, 566-70	12
1725	Handbook of Neurocritical Care. 2010 ,	
1724	Defective p53 antiangiogenic signaling in glioblastoma. 2010 , 12, 894-907	14
1723	De novo appearance of primitive neuroectodermal tumor in a patient with systemic lupus erythematosus and moyamoya disease. 2010 , 19, 989-92	1
1722	Intraoperative delineation of primary brain tumors using time-resolved fluorescence spectroscopy. 2010 , 15, 027008	49
1721	Analysis of specialized DNA polymerases expression in human gliomas: association with prognostic significance. 2010 , 12, 679-86	66
1720	Activation of the Hedgehog pathway in pilocytic astrocytomas. 2010 , 12, 790-8	23
1719	Caffeine confers radiosensitization of PTEN-deficient malignant glioma cells by enhancing ionizing radiation-induced G1 arrest and negatively regulating Akt phosphorylation. 2010 , 9, 480-8	23
1718	Prognostic markers in gliomas. 2010 , 6, 733-9	15
1717	TP53 alterations determine clinical subgroups and survival of patients with choroid plexus tumors. 2010 , 28, 1995-2001	144
1716	Evaluation of the accumulation of (11)C-methionine with standardized uptake value in the normal brain. 2010 , 51, 219-22	11
1715	Scale to predict survival after surgery for recurrent glioblastoma multiforme. 2010 , 28, 3838-43	248
1714	Essential role of TRPC6 channels in G2/M phase transition and development of human glioma. 2010 , 102, 1052-68	135
1713	Universal poor survival in children with medulloblastoma harboring somatic TP53 mutations. 2010 , 28, 1345-50	124
1712	Argon-helium cryosurgery for treatment of C6 gliomas in rats and its effect on cellular immunity. 2010 , 9, 87-94	16
1711	A proposed classification system that projects outcomes based on preoperative variables for adult patients with glioblastoma multiforme. 2010 , 112, 997-1004	103

1710	The Holy Grail and the quest for the gold standard. 2010 , 31, 1617-8	3
1709	Epigenetic downregulation of mitogen-activated protein kinase phosphatase MKP-2 relieves its growth suppressive activity in glioma cells. 2010 , 70, 1689-99	60
1708	Metabolic aggressiveness in benign meningiomas with chromosomal instabilities. 2010 , 70, 8426-34	27
1707	Spinal seeding of a pilocytic astrocytoma in an adult, initially diagnosed 18 years previously. 2010 , 46, 66-70	14
1706	Harvey Cushing's surgical treatment of a pediatric patient with an intraventricular glioma. 2010 , 46, 475-9	0
1705	Immunohistochemical characterization of canine neuroepithelial tumors. 2010 , 47, 741-50	50
1704	Mutant EGFR is required for maintenance of glioma growth in vivo, and its ablation leads to escape from receptor dependence. 2010 , 107, 2616-21	56
1703	Neoplasms with schwannian differentiation express transcription factors known to regulate normal schwann cell development. 2010 , 18, 449-57	15
1702	Differential proteome analysis of human gliomas stratified for loss of heterozygosity on chromosomal arms 1p and 19q. 2010 , 12, 243-56	18
1701	Massively parallel signature sequencing and bioinformatics analysis identifies up-regulation of TGFBI and SOX4 in human glioblastoma. 2010 , 5, e10210	68
1700	Distinct patterns of 1p and 19q alterations identify subtypes of human gliomas that have different prognoses. 2010 , 12, 664-78	50
1699	Targeted Therapy in Medulloblastoma in Molecularly Targeted Therapy for Childhood Cancer. 2010 , 267-290	1
1698	Rationally designed pharmacogenomic treatment using concurrent capecitabine and radiotherapy for glioblastoma; gene expression profiles associated with outcome. 2010 , 16, 2890-8	25
1697	Elevated blood markers 1 year before manifestation of malignant glioma. 2010 , 12, 1004-8	15
1696	Increased expression of the oncogenic KLF6-SV1 transcript in human glioblastoma. 2010, 48, 1167-70	12
1695	Role of LIM and SH3 protein 1 (LASP1) in the metastatic dissemination of medulloblastoma. 2010 , 70, 8003-14	61
1694	Expression of synaptic vesicle protein 2A in epilepsy-associated brain tumors and in the peritumoral cortex. 2010 , 12, 265-73	29
1693	Secondary gliosarcoma after diagnosis of glioblastoma: clinical experience with 30 consecutive patients. 2010 , 112, 990-6	36

1692	Current and emerging molecular targets in glioma. 2010 , 10, 1735-51	25
1691	Targeting miR-21 in glioma: a small RNA with big potential. 2010 , 14, 1247-57	41
1690	A multivariate analysis of factors determining tumor progression in childhood low-grade glioma: a population-based cohort study (CCLG CNS9702). 2010 , 12, 1257-68	90
1689	Seizure control outcomes after resection of dysembryoplastic neuroepithelial tumor in 50 patients. 2010 , 5, 123-30	83
1688	Brain Tumors and Epileptic Seizures. 2010 , 95-105	
1687	Treatment of posterior fossa tumors in children. 2010 , 10, 525-46	13
1686	1p19q LOH patterns and expression of p53 and Olig2 in gliomas: relation with histological types and prognosis. 2010 , 23, 619-28	21
1685	Fatty acid synthase as a novel target for meningioma therapy. 2010 , 12, 844-54	24
1684	MGMT promoter methylation is predictive of response to radiotherapy and prognostic in the absence of adjuvant alkylating chemotherapy for glioblastoma. 2010 , 12, 116-21	241
1683	Diffuse low-grade oligodendrogliomas extend beyond MRI-defined abnormalities. 2010 , 74, 1724-31	156
1682	Assessment of compliance to treatment and efficacy of a resource-sparing hypofractionated radiotherapy regimen in patients with poor-prognosis high-grade gliomas. 2010 , 6, 272-7	3
1681	Meningioma recurrence: the efficacy and cost-effectiveness of current screening. 2010 , 24, 55-61	3
1680	Advanced magnetic resonance imaging with histopathological correlation in papillary tumor of pineal region: report of a case and review of literature. 2010 , 58, 928-32	19
1679	Targeting A20 decreases glioma stem cell survival and tumor growth. 2010 , 8, e1000319	103
1678	Expression of aberrant beta-catenin and impaired p63 in craniopharyngiomas. 2010 , 24, 249-56	17
1677	Nuclear factor IA is expressed in astrocytomas and is associated with improved survival. 2010 , 12, 122-32	28
1676	Aldehyde dehydrogenase 1 positive glioblastoma cells show brain tumor stem cell capacity. 2010 , 12, 1024-33	116
1675	Microenvironmental regulation of glioblastoma radioresponse. 2010 , 16, 6049-59	60

1674	with poor prognosis. 2010 , 19, 1409-22	95
1673	Pediatric CNS Tumors. 2010 ,	10
1672	Genetic variations in EGF and EGFR and glioblastoma outcome. 2010 , 12, 815-21	17
1671	The pro-migratory and pro-invasive role of the procoagulant tissue factor in malignant gliomas. 2010 , 4, 515-22	10
1670	Promising human brain tumors therapy with interference RNA intervention (iRNAi). 2010 , 9, 396-406	29
1669	Estimation of brain deformation for volumetric image updating in protoporphyrin IX fluorescence-guided resection. 2010 , 88, 1-10	41
1668	Emerging roles for crk in human cancer. 2010 , 1, 1132-9	52
1667	Prognostic value of MGMT promoter methylation in glioblastoma patients treated with temozolomide-based chemoradiation: a Portuguese multicentre study. 2010 , 23, 1655-62	43
1666	Cetuximab, bevacizumab, and irinotecan for patients with primary glioblastoma and progression after radiation therapy and temozolomide: a phase II trial. 2010 , 12, 508-16	107
1665	Imaging of hypoxic lesions in patients with gliomas by using positron emission tomography with 1-(2-[18F] fluoro-1-[hydroxymethyl]ethoxy)methyl-2-nitroimidazole, a new 18F-labeled 2-nitroimidazole analog. 2010 , 113, 358-68	24
1664	Hippocampal abnormalities in malformations of cortical development: MRI study. 2010 , 74, 1575-82	26
1663	Rosette-forming glioneuronal tumors of the posterior fossa. 2010 , 5, 98-103	35
1662	Rosette-forming glioneuronal tumor of the fourth ventricle. 2010 , 71, 219-21	8
1661	Functional genomics to explore cancer cell vulnerabilities. 2010 , 28, E5	4
1660	Metastatic meningioma: positron emission tomography CT imaging findings. 2010 , 83, e259-62	7
1659	Confocal neurolasermicroscopy in human brain - perspectives for neurosurgery on a cellular level (including additional comments to this article). 2010 , 71, 13-9	23
1658	Was gibt es Neues in der Neuroonkologie. 2010 , 37, 454-460	
1657	STAT3 as a Therapeutic Target for Glioblastoma. 2010 , 10, 512-9	28

1656	[Advances in adults' gliomas biology, imaging and treatment]. 2010 , 97, 17-36	12
1655	Enhancing fraction in glioma and its relationship to the tumoral vascular microenvironment: A dynamic contrast-enhanced MR imaging study. 2010 , 31, 726-31	24
1654	PET in Brain Tumors. 2010 , 5, 185-97	6
1653	Epidermal growth factor receptor in glioma: signal transduction, neuropathology, imaging, and radioresistance. 2010 , 12, 675-84	279
1652	SCCRO promotes glioma formation and malignant progression in mice. 2010 , 12, 476-84	22
1651	State-of-the-art pathology: new WHO classification, implications, and new developments. 2010 , 20, 259-71	11
1650	Temozolomide: therapeutic limitations in the treatment of adult high-grade gliomas. 2010 , 10, 1537-44	126
1649	Glioma risk associates with polymorphisms of DNA repair genes, XRCC1 and PARP1. 2010 , 24, 561-5	43
1648	Clear cell meningioma of the fourth ventricle in a child: a case report and literature review. 2010 , 46, 462-5	16
1647	Knock down of HIF-1alpha in glioma cells reduces migration in vitro and invasion in vivo and impairs their ability to form tumor spheres. 2010 , 9, 133	156
1646	Survival signalling and apoptosis resistance in glioblastomas: opportunities for targeted therapeutics. 2010 , 9, 135	203
1645	Low-grade oligodendroglioma of the pineal gland: a case report and review of the literature. 2010 , 5, 59	11
1644	Estudio de una cohorte de pacientes adultos con tumores primarios de sistema nervioso central de la serie glial. 2010 , 2, 240-246	
1643	Dynamic susceptibility contrast-enhanced MRI evaluation of cerebral intraventricular tumors: preliminary results. 2010 , 37, 269-75	14
1642	Accumulation of driver and passenger mutations during tumor progression. 2010 , 107, 18545-50	574
1641	Notch signaling in solid tumors. 2010 , 92, 411-55	89
1640	Systine nerveux central. 2010 , 235-242	
1639	Imaging of meningioma progression by matrix-assisted laser desorption ionization time-of-flight mass spectrometry. 2010 , 82, 2621-5	36

1638	differentiation and sprouty signaling in glioma. 2010 , 70, 10060-70	72
1637	[Second surgery for glioblastoma. A 4-year retrospective study conducted in both the Montpellier and Nice Departments of Neurosurgery. A literature review]. 2010 , 56, 36-42	11
1636	[Primitive malignant rhabdoid tumor of the central nervous system in an adolescent. A case study]. 2010 , 56, 404-7	
1635	[Glioblastomas: gliomagenesis, genetics, angiogenesis, and microenvironment]. 2010 , 56, 441-8	4
1634	[Morphological classification of glioblastomas]. 2010 , 56, 459-63	6
1633	A primary optic nerve sheath chordoid meningioma. 2010 , 17, 397-9	6
1632	Intra-operative, real-time, three-dimensional ultrasound assisted positioning of catheters in the microdialysis of glial tumours. 2010 , 17, 506-10	9
1631	Angiocentric glioma with rich blood supply. 2010 , 17, 917-8	19
1630	Extraventricular neurocytoma of the vermis in a child. 2010 , 17, 1469-71	14
1629	Treatment of atypical meningioma. 2010 , 17, 1362-6	80
1628	Virotherapy against malignant glioma stem cells. 2010 , 289, 1-10	29
1627	Mouse models in neurological disorders: applications of non-invasive imaging. 2010 , 1802, 819-39	37
1626	Glioma-derived mutations in IDH: from mechanism to potential therapy. 2010 , 397, 127-30	39
1625	Primary CNS hemangiopericytoma presenting as an intraparenchymal masscase report and review of literature. 2010 , 112, 261-4	22
1624	Primary brain tumors, neural stem cell, and brain tumor cancer cells: where is the link?. 2010, 58, 903-10	42
1623	Malignant peripheral nerve sheath tumor of intracranial nerve: a case series review. 2010 , 37, 539-45	60
1622	Role of Aberrant Cell Cycle in the Growth and Pathogenesis of Glioblastoma. 2010 , 131-151	
1621	RNAi in Malignant Brain Tumors: Relevance to Molecular and Translational Research. 2010 , 107-129	

1620	Molecular classification of low-grade diffuse gliomas. 2010 , 177, 2708-14	199
1619	Clinical manifestation of central nervous system tumor. 2010 , 27, 97-104	12
1618	A pyrosequencing-based assay for the rapid detection of IDH1 mutations in clinical samples. 2010 , 12, 750-6	47
1617	Isocitrate dehydrogenase 1 and 2 mutations in cancer: alterations at a crossroads of cellular metabolism. 2010 , 102, 932-41	372
1616	Brain tumors: from childhood through adolescence into adulthood. 2010 , 28, 4783-9	63
1615	Glioblastoma. 2010 ,	1
1614	Molecularly Targeted Therapy for Childhood Cancer. 2010 ,	1
1613	A new alternative mechanism in glioblastoma vascularization: tubular vasculogenic mimicry. 2010 , 133, 973-82	271
1612	Basic Radiation Oncology. 2010 ,	36
1611	Atlas of Pediatric Brain Tumors. 2010,	2
	Atlas of Pediatric Brain Tumors. 2010, Genomic Evaluation of Brain Tumors and Gliomas. 2010, 522-531	2
		38
1610	Genomic Evaluation of Brain Tumors and Gliomas. 2010 , 522-531 Three-dimensional nuclear telomere architecture is associated with differential time to progression	
1610 1609	Genomic Evaluation of Brain Tumors and Gliomas. 2010, 522-531 Three-dimensional nuclear telomere architecture is associated with differential time to progression and overall survival in glioblastoma patients. 2010, 12, 183-91 Expression and aberrant promoter methylation of Wnt inhibitory factor-1 in human astrocytomas.	38
1610 1609 1608	Genomic Evaluation of Brain Tumors and Gliomas. 2010, 522-531 Three-dimensional nuclear telomere architecture is associated with differential time to progression and overall survival in glioblastoma patients. 2010, 12, 183-91 Expression and aberrant promoter methylation of Wnt inhibitory factor-1 in human astrocytomas. 2010, 29, 26 Identification of valid endogenous control genes for determining gene expression in human glioma.	38 28
1610 1609 1608	Genomic Evaluation of Brain Tumors and Gliomas. 2010, 522-531 Three-dimensional nuclear telomere architecture is associated with differential time to progression and overall survival in glioblastoma patients. 2010, 12, 183-91 Expression and aberrant promoter methylation of Wnt inhibitory factor-1 in human astrocytomas. 2010, 29, 26 Identification of valid endogenous control genes for determining gene expression in human glioma. 2010, 12, 570-9 Adult and pediatric medulloblastomas are genetically distinct and require different algorithms for molecular risk stratification. 2010, 28, 3054-60	38 28 39
1610 1609 1608 1607	Genomic Evaluation of Brain Tumors and Gliomas. 2010, 522-531 Three-dimensional nuclear telomere architecture is associated with differential time to progression and overall survival in glioblastoma patients. 2010, 12, 183-91 Expression and aberrant promoter methylation of Wnt inhibitory factor-1 in human astrocytomas. 2010, 29, 26 Identification of valid endogenous control genes for determining gene expression in human glioma. 2010, 12, 570-9 Adult and pediatric medulloblastomas are genetically distinct and require different algorithms for molecular risk stratification. 2010, 28, 3054-60	38 28 39 109

1602 Adult medulloblastoma comprises three major molecular variants. 2011 , 29, 2717-23	176
Making sense of brain tumour: a qualitative investigation of personal and social processes of adjustment. 2011 , 21, 117-37	38
Annual report to the nation on the status of cancer, 1975-2007, featuring tumors of the brain and other nervous system. 2011 , 103, 714-36	508
1599 Brain Tumor Pathological Area Delimitation through Non-negative Matrix Factorization. 2011 ,	
Delivery of drug-loaded microbubbles and disruption of blood-brain barrier by focused ultrasound in a xenograft rat glioma model. 2011 ,	
1597 Recurrent subarachnoid haemorrhage. 2011 , 11, 184-7	
1596 Rapid diagnosis of medulloblastoma molecular subgroups. 2011 , 17, 1883-94	59
1595 Primary gliosarcomaclinical experience from a regional cancer centre in north India. 2011 , 25, 723-9	16
1594 Biology, genetics and imaging of glial cell tumours. 2011 , 84 Spec No 2, S90-106	45
Detailed characterization of alterations of chromosomes 7, 9, and 10 in glioblastomas as assessed by single-nucleotide polymorphism arrays. 2011 , 13, 634-47	44
1592 5-ALA-PDT induces RIP3-dependent necrosis in glioblastoma. 2011 , 10, 1868-78	48
Predominant influence of MGMT methylation in non-resectable glioblastoma after radiotherapy plus temozolomide. 2011 , 82, 441-6	39
Tumori del sistema nervoso centrale. Classificazioni istologiche e topografiche, epidemiologia. 2011 , 11, 1-9	
Histomolecular classification of adult diffuse gliomas: the diagnostic value of immunohistochemical markers. 2011 , 167, 683-90	22
1588 Place des anti-angioghiques dans le traitement des gliomes. 2011 , 2, 71-76	
Enfermedad de Rosai-Dorfman intracraneal. Presentacifi de un caso y revisifi de la literatura. 2011, 22, 255-260	5
1586 Review and update about medulloblastoma in children. 2011 , 53, 134-145	5
1585 Evolving strategies: future treatment of glioblastoma. 2011 , 11, 519-32	15

1584	Childhood brain tumors: epidemiology, current management and future directions. 2011 , 7, 495-506	94
1583	Molecular Classification of Gliomas. 2011 , 9-19	
1582	Isolation and expansion of regionally defined human glioblastoma cells in vitro. 2011 , Chapter 3, Unit 3.4	9
1581	[OMICS and biomarkers of glial tumors]. 2011 , 167, 691-8	2
1580	Hersentumoren op kinderleeftijd. 2011 , 79, 146-155	
1579	Expression and prognostic value of NDRG2 in human astrocytomas. 2011 , 308, 77-82	20
1578	The neuropathological approach to the diagnosis of brain tumours. 2011 , 17, 465-475	
1577	Fluorescence lifetime spectroscopy for guided therapy of brain tumors. 2011 , 54 Suppl 1, S125-35	58
1576	Application of intraoperative indocyanine green angiography for CNS tumors: results on the first 100 cases. 2011 , 109, 251-7	75
1575	[Medulloblastomas: review]. 2011 , 167, 431-48	10
1574	Treatment of young children with localized medulloblastoma by chemotherapy alone: results of the prospective, multicenter trial HIT 2000 confirming the prognostic impact of histology. 2011 , 13, 669-79	105
1573	Two Faces of Evil: Cancer and Neurodegeneration. 2011,	
1572	Intraoperative Imaging. 2011,	11
1571	Brain tumor epilepsy: a reappraisal and six remaining issues to be debated. 2011 , 167, 751-61	10
1570	Clinical Neuroimmunology. 2011 ,	
1569	Pediatric Tumors. 2011 , 285-332	1
1568	Magnetic Resonance Neuroimaging. 2011,	7
1567	Tumors of the Central Nervous System, Volume 2. 2011 ,	1

1566 Central Nervous System Tumors. **2011**, 565-599

	nic identification of glutamine synthetase as a differential marker for oligodendrogliomas ocytomas. 2011 , 115, 789-95	16
1564 Antiepi	eptic drugs for treating seizures in adults with brain tumours. 2011 , CD008586	26
1563 Spinal n	netastasis of papillary tumor of the pineal region. 2011 , 113, 235-8	11
1562 Glioblas	stoma multiforme at the corpus callosum with spinal leptomeningeal metastasis. 2011 , 113, 407-10	20
1561 Genet ic	and molecular alterations in meningiomas. 2011 , 113, 261-7	30
1560 Glioblas	stoma multiforme in the Muir-Torre syndrome. 2011 , 113, 411-5	3
	stic significance of IL-8-STAT-3 pathway in astrocytomas: correlation with IL-6, VEGF and essel morphometry. 2011 , 55, 387-95	38
	es: developmental, physiological, and pathological perspectives, problems, and promises. 1, 193-215	1657
1	solution genomic profiling and classical cytogenetics in a group of benign and atypical iomas. 2011 , 204, 541-9	2
	d chips: the recipe for improved prognostication and outcomes for children with oblastoma. 2011 , 204, 577-88	47
	ntial dependency of human cancer cells on vascular endothelial growth factor-mediated ne growth and survival. 2011 , 309, 145-50	27
	lation-related gene expression is linked to differentiation status in glioblastomas rentiated cells. 2011 , 312, 24-32	14
	medullin expression and regulation in human glioblastoma, cultured human glioblastoma s and pilocytic astrocytoma. 2011 , 47, 1727-35	14
Imaging 1552 2011 , 7	characteristics of pilomyxoid astrocytomas in comparison with pilocytic astrocytomas. 9, 311-6	28
1551 Treatm	ent of high-grade glioma in children and adolescents. 2011 , 13, 1049-58	105
1550 Isocitra	te dehydrogenase mutations may be a protective mechanism in glioma patients. 2011 , 76, 602-3	20
1549 [Imagin	g of lateral ventricle tumors]. 2011 , 57, 180-92	3

1548	Knockdown of TFPI-2 promotes migration and invasion of glioma cells. 2011 , 497, 49-54	32
1547	Replication protein A: a reliable biologic marker of prognostic and therapeutic value in human astrocytic tumors. 2011 , 42, 1545-53	12
1546	Neurostatin blocks glioma cell cycle progression by inhibiting EGFR activation. 2011 , 46, 89-100	8
1545	Temporo-mesial extraventricular neurocytoma and cortical dysplasia in focal temporal lobe epilepsy. 2011 , 18, 147-8	15
1544	Notch1 expression is upregulated in glioma and is associated with tumor progression. 2011 , 18, 387-90	34
1543	An unusual presentation of hypokalemic paralysis with evolving pure motor hemiparesis. 2011 , 18, 716-9	5
1542	Intraspinal rhabdoid meningioma metastasis to the liver. 2011 , 18, 714-6	21
1541	Primary diffuse leptomeningeal gliosarcomatosis with a sphenoid/sellar mass: confirmation of the ectopic glial tissue theory?. 2011 , 18, 702-4	6
1540	Pineal anlage tumour - a rare entity with divergent histology. 2011 , 18, 811-3	7
1539	Mitotic arrest deficient protein MAD2B is overexpressed in human glioma, with depletion enhancing sensitivity to ionizing radiation. 2011 , 18, 827-33	19
1538	Primary anaplastic solitary fibrous tumor of the tentorium cerebelli. 2011 , 18, 1116-8	3
1537	Papillary tumour of the pineal region. 2011 , 18, 1007-17	27
1536	Relationship between CacyBP/SIP expression and prognosis in astrocytoma. 2011 , 18, 1240-4	8
1535	The role of cytomegalovirus in angiogenesis. 2011 , 157, 204-11	56
1534	Development and cancer of the cerebellum. 2011 , 34, 134-42	120
1533	Demonstration of vasculogenic mimicry in astrocytomas and effects of Endostar on U251 cells. 2011 , 207, 645-51	28
1532	Meningiomas in children and adolescents: a meta-analysis of individual patient data. 2011 , 12, 1229-39	110
1531	Will kinase inhibitors make it as glioblastoma drugs?. 2012 , 355, 135-69	18

1530 Galectin-1 and immunotherapy for brain cancer. 2011 , 11, 533-43	21
Identification of factors involved in the anti-tumor activity of carnosine on glioblastomas using a proteomics approach. 2011 , 29, 272-81	24
1528 A combined preclinical therapy of cannabinoids and temozolomide against glioma. 2011 , 10, 90-103	185
1527 The Role of IDH1 and IDH2 Mutations in Malignant Gliomas. 2011 , 47-52	
1526 Cost of disorders of the brain in Europe 2010. 2011 , 21, 718-79	987
1525 FET-PET for malignant glioma treatment planning. 2011 , 99, 44-8	103
Outcome and prognostic factors of radiation therapy for medulloblastoma. 2011 , 81, e7-e13	29
1523 Outcomes of multidisciplinary management in pediatric low-grade gliomas. 2011 , 81, e481-8	39
MRI findings of choroid plexus tumors in the cerebellum. 2011 , 35, 64-7	9
1521 The prostate stem cell antigen represents a novel glioma-associated antigen. 2011 , 26, 13-21	20
1520 Medulloblastoma: advances and challenges. 2011 , 3, 5	6
1519 Role of the Centrosomal MARK4 Protein in Gliomagenesis. 2011 ,	
1518 Molecular Hallmarks of Gliomas. 2011 ,	2
Therapeutic and Toxicological Inhibition of Vasculogenesis and Angiogenesis Mediated by Artesunate, a Compound with Both Antimalarial and Anticancer Efficacy. 2011 ,	1
1516 Migration and Invasion of Brain Tumors. 2011 ,	
A Primary Primitive Neuroectodermal Tumor of the Central Nervous System in a 51-year-old Woman: a Case Report and Literature Review. 2011 , 47, 440	6
1514 Tumors of the central nervous system in children and adolescents. 2011 , 108, 390-7	19
1513 Nervous System: Glioma: an overview. 2011 ,	

1512	Childhood Brain Tumors. 2011 ,	
1511	The Role of Matrix Metalloproteinases a nd Tissue Inhibitors of Metalloproteinases in the Progression of Astrocytomas. 2011 ,	
1510	Synchrotron Radiation: Applications in Diagnosis and Treatment of Malignant Brain Tumors. 2011 ,	
1509	Gliomas: Role of Wnt/ECatenin/Tcf Signaling Pathway. 2011 ,	
1508	Molecular Diagnostics of Brain Tumours by Measuring the 5-Methylcytosine Level in Their DNA. 2011 ,	
1507	Classification of Primary Brain Tumors: Molecular Aspects. 2011 ,	
1506	Chemokines in Glioma Progression. 2011 ,	
1505	Genetics and Biology of Glioblastoma Multiforme. 2011,	2
1504	The Role of Sox Transcription Factors in Brain Tumourigenesis. 2011,	1
1503	Novel Pharmacological and Magnetic Resonance Strategies to Enhance Boron Neutron Capture Therapy (BNCT) Efficacy in the Clinical Treatment of Malignant Glioma. 2011 ,	1
1502	Metabolism and brain cancer. 2011 , 66 Suppl 1, 33-43	75
1501	Novel Perspectives on p53 Function in Neural Stem Cells and Brain Tumors. 2011 , 2011, 852970	21
1500	Multifocal dysembryoplastic neuroepithelial tumour with intradural spinal cord lipomas: report of a case. 2011 , 2011, 734171	5
1499	Differential Signature of the Centrosomal MARK4 Isoforms in Glioma. 2011 , 34, 319-338	15
1498	Extracellular Matrix Microenvironment in Glioma Progression. 2011,	15
1497	Single nucleotide polymorphisms in IL-4Ra, IL-13 and STAT6 genes occurs in brain glioma. 2011 , 3, 33-45	20
1496	Increased incidence of choroid plexus carcinoma due to the germline TP53 R337H mutation in southern Brazil. 2011 , 6, e18015	48
1495	Activation of neural and pluripotent stem cell signatures correlates with increased malignancy in human glioma. 2011 , 6, e18454	66

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1494	Downregulation of FIP200 induces apoptosis of glioblastoma cells and microvascular endothelial cells by enhancing Pyk2 activity. 2011 , 6, e19629	21
1493	The accuracy of survival time prediction for patients with glioma is improved by measuring mitotic spindle checkpoint gene expression. 2011 , 6, e25631	44
1492	Magnetic resonance microscopy at 14 Tesla and correlative histopathology of human brain tumor tissue. 2011 , 6, e27442	9
1491	Multigene sets for clinical application in glioma. 2011 , 9, 449-56; quiz 457	5
1490	Introduction to the concept of symptomatic epilepsy. 113-118	5
1489	Glioma. 433-440	
1488	Ganglioglioma, dysembryoplastic neuroepithelial tumor, and related tumors. 441-448	
1487	A detailed prospective longitudinal assessment of health status in children with brain tumors in the first year after diagnosis. 2011 , 33, 592-9	8
1486	Papillary glioneuronal tumors: a review of clinicopathologic and molecular genetic studies. 2011 , 35, 1794-805	45
1485	Medulloblastomas in adults: prognostic factors and lessons from paediatrics. 2011 , 24, 626-32	15
1484	ALA-induced PpIX spectroscopy for brain tumor image-guided surgery. 2011,	
1483	Computed tomography and magnetic resonance features of gliosarcoma: a study of 54 cases. 2011 , 35, 667-73	23
1482	Neuropathological and neuroradiological spectrum of pediatric malignant gliomas: correlation with outcome. 2011 , 69, 215-24	9
1481	Lateral supraorbital approach applied to anterior clinoidal meningiomas: experience with 73 consecutive patients. 2011 , 68, 1632-47; discussion 1647	42
1480	Tumeurs de la rgion pinale. 2011 , 8, 1-17	
1479	Multidisciplinary rehabilitation for follow-up after primary brain tumour treatment. 2011 ,	1
1478	Comparative characterization of the human and mouse third ventricle germinal zones. 2011 , 70, 622-33	27
1477	Microtubule-severing ATPase spastin in glioblastoma: increased expression in human glioblastoma cell lines and inverse roles in cell motility and proliferation. 2011 , 70, 811-26	25

1476	Loss of chromosome 1p/19q in oligodendroglial tumors: refinement of chromosomal critical regions and evaluation of internexin immunostaining as a surrogate marker. 2011 , 70, 177-82	20
1475	Migration of mouse-induced pluripotent stem cells to glioma-conditioned medium is mediated by tumor-associated specific growth factors. 2011 , 2, 283-288	21
1474	Neuroepithelial stem cell marker nestin regulates the migration, invasion and growth of human gliomas. 2011 , 26, 91-9	50
1473	Enternexin in the diagnosis of oligodendroglial tumors and association with 1p/19q status. 2011 , 70, 970-8	17
1472	Tumeurs du systme nerveux central. Classifications histologiques et topographiques, þidmiologie. 2011 , 8, 1-9	
1471	Advances in translational research in neuro-oncology. 2011 , 68, 303-8	4
1470	Gene expression of growth signaling pathways is up-regulated in CD133-positive medulloblastoma cells. 2011 , 2, 357-361	7
1469	Ælemene inhibits proliferation of human glioblastoma cells and causes cell-cycle G0/G1 arrest via mutually compensatory activation of MKK3 and MKK6. 2011 , 38, 419-26	18
1468	Quantitative and qualitative 5-aminolevulinic acid-induced protoporphyrin IX fluorescence in skull base meningiomas. 2011 , 30, E8	52
1467	Treatment of a malignant peripheral nerve sheath tumor and its complications through a multidisciplinary approach. 2011 , 7, 543-8	8
1466	IDH mutations occur frequently in Chinese glioma patients and predict longer survival but not response to concomitant chemoradiotherapy in anaplastic gliomas. 2011 , 26, 1479-85	21
1465	Central nervous system cancers. 2011 , 9, 352-400	89
1464	Correlation of MGMT promoter methylation status with gene and protein expression levels in glioblastoma. 2011 , 66, 1747-55	62
1463	Expression of VEGF and MMP-9 and MRI imaging changes in cerebral glioma. 2011 , 2, 1171-1175	11
1462	[A case of primary diffuse leptomeningeal gliomatosis, clinically indistinguishable from metastatic meningeal carcinomatosis]. 2011 , 51, 197-202	2
1461	Small supratentorial, extraaxial primitive neuroectodermal tumor causing large intracerebral hematoma. 2011 , 51, 441-4	6
1460	Papillary tumor of the pineal region in a 15-month-old boy. 2011 , 7, 534-8	18
1459	Pituicytoma with atypical histological features: are they predictive of unfavourable clinical course?. 2011 , 43, 389-94	11

1458	Seizures and the natural history of World Health Organization Grade II gliomas: a review. 2011 , 68, 1326-33	68
1457	Regulation of in vitro diagnostics (IVDs) for use in Australian pathology laboratories: a gloomy outlook for future pathology testing in this country?. 2011 , 43, 397-402	3
1456	Childhood brain tumours due to germline bi-allelic mismatch repair gene mutations. 2011, 80, 243-55	22
1455	Anaplastic astrocytoma with angiocentric ependymal differentiation. 2011 , 31, 292-8	9
1454	Rosette-forming glioneuronal tumor of the fourth ventricle with advanced microvascular proliferationa case report. 2011 , 31, 427-32	18
1453	Secondary anaplastic astrocytoma developing in a young adult with autoimmune lymphoproliferative syndrome (ALPS). 2011 , 37, 423-7	
1452	Downregulation of GRIM-19 promotes growth and migration of human glioma cells. 2011 , 102, 1991-9	25
1451	Targeting glioma stem cells: a novel framework for brain tumors. 2011 , 102, 1958-66	80
1450	Atypical teratoid/rhabdoid tumor: short clinical description and insight into possible mechanism of the disease. 2011 , 18, 813-8	20
1449	18Fluoroethyl-L-tyrosine-PET in long-term epilepsy associated glioneuronal tumors. 2011 , 52, 35-44	18
1448	Magnetic resonance imaging features of intracranial astrocytomas and oligodendrogliomas in dogs. 2011 , 52, 132-41	80
1447	Magnetic resonance imaging features of canine intracranial neoplasia. 2011 , 52, S52-61	79
1446	Expression of BARHL1 in medulloblastoma is associated with prolonged survival in mice and humans. 2011 , 30, 4721-30	15
1445	Gene expression profiling of gliomas: merging genomic and histopathological classification for personalised therapy. 2011 , 104, 545-53	85
1444	Silencing of ferrochelatase enhances 5-aminolevulinic acid-based fluorescence and photodynamic therapy efficacy. 2011 , 104, 798-807	108
1443	PROX1 is a predictor of survival for gliomas WHO grade II. 2011 , 104, 1747-54	32
1442	Stimulation of the midkine/ALK axis renders glioma cells resistant to cannabinoid antitumoral action. 2011 , 18, 959-73	64
1441	Expression profile of embryonic stem cell-associated genes Oct4, Sox2 and Nanog in human gliomas. 2011 , 59, 763-75	139

1440	The nature and timing of specific copy number changes in the course of molecular progression in diffuse gliomas: further elucidation of their genetic "life story". 2011 , 21, 308-20	19
1439	Molecular diagnostics in embryonal brain tumors. 2011 , 21, 96-104	33
1438	Loss of the protein-tyrosine phosphatase DEP-1/PTPRJ drives meningioma cell motility. 2011 , 21, 405-18	31
1437	French brain tumor database: 5-year histological results on 25 756 cases. 2011 , 21, 633-44	69
1436	Alterations in the RB1 pathway in low-grade diffuse gliomas lacking common genetic alterations. 2011 , 21, 645-51	28
1435	Common molecular cytogenetic pathway in papillary tumors of the pineal region (PTPR). 2011 , 21, 672-7	21
1434	Donor-transmitted malignancies in organ transplantation: assessment of clinical risk. 2011 , 11, 1140-7	133
1433	Developmental profile and regulation of the glycolytic enzyme hexokinase 2 in normal brain and glioblastoma multiforme. 2011 , 44, 84-91	80
1432	Chloride channel-mediated brain glioma targeting of chlorotoxin-modified doxorubicine-loaded liposomes. 2011 , 152, 402-10	96
1431	Targeted drug delivery to tumors: myths, reality and possibility. 2011 , 153, 198-205	1347
1431	Targeted drug delivery to tumors: myths, reality and possibility. 2011 , 153, 198-205 Pineocytoma in a lowland anoa (Bubalus depressicornis). 2011 , 144, 227-30	1347
1430	Pineocytoma in a lowland anoa (Bubalus depressicornis). 2011 , 144, 227-30 Expression of CXCR7 chemokine receptor in human meningioma cells and in intratumoral	1
1430 1429	Pineocytoma in a lowland anoa (Bubalus depressicornis). 2011 , 144, 227-30 Expression of CXCR7 chemokine receptor in human meningioma cells and in intratumoral microvasculature. 2011 , 234, 115-23	1 30
1430 1429 1428	Pineocytoma in a lowland anoa (Bubalus depressicornis). 2011, 144, 227-30 Expression of CXCR7 chemokine receptor in human meningioma cells and in intratumoral microvasculature. 2011, 234, 115-23 [Neuroimaging in brain tumors]. 2011, 30, 47-65	1 30 24
1430 1429 1428	Pineocytoma in a lowland anoa (Bubalus depressicornis). 2011, 144, 227-30 Expression of CXCR7 chemokine receptor in human meningioma cells and in intratumoral microvasculature. 2011, 234, 115-23 [Neuroimaging in brain tumors]. 2011, 30, 47-65 [Review and update about medulloblastoma in children]. 2011, 53, 134-45 Surgical management and evaluation of prognostic factors influencing postoperative visual	1 30 24 7
1430 1429 1428 1427 1426	Pineocytoma in a lowland anoa (Bubalus depressicornis). 2011, 144, 227-30 Expression of CXCR7 chemokine receptor in human meningioma cells and in intratumoral microvasculature. 2011, 234, 115-23 [Neuroimaging in brain tumors]. 2011, 30, 47-65 [Review and update about medulloblastoma in children]. 2011, 53, 134-45 Surgical management and evaluation of prognostic factors influencing postoperative visual outcome of suprasellar meningiomas. 2011, 75, 294-302 Surgically treated brain tumors: a retrospective case series of 10,009 cases at a single institution.	1 30 24 7

1422	Intraventricular glioneuronal tumor with disseminated lesions at diagnosisa case report. 2011 , 6, 119	5
1421	Evaluation of the proliferation markers Ki-67/MIB-1, mitosin, survivin, pHH3, and DNA topoisomerase II II n human anaplastic astrocytomasan immunohistochemical study. 2011 , 6, 43	37
1420	Pituicytoma with unusual histological features. 2011 , 61, 598-602	18
1419	PEGylated poly(trimethylene carbonate) nanoparticles loaded with paclitaxel for the treatment of advanced glioma: in vitro and in vivo evaluation. 2011 , 420, 385-94	55
1418	Tithonia diversifolia and its main active component tagitinin C induce survivin inhibition and G2/M arrest in human malignant glioblastoma cells. 2011 , 82, 331-41	23
1417	NF-kappaB inhibition improves the sensitivity of human glioblastoma cells to 5-aminolevulinic acid-based photodynamic therapy. 2011 , 81, 606-16	63
1416	Cooperativity within and among Pten, p53, and Rb pathways induces high-grade astrocytoma in adult brain. 2011 , 19, 305-16	212
1415	Delineation of two clinically and molecularly distinct subgroups of posterior fossa ependymoma. 2011 , 20, 143-57	395
1414	Recent advancements in multimodality treatment of gliomas. 2011 , 7, 1169-83	44
1413	The neurobiology of gliomas: from cell biology to the development of therapeutic approaches. 2011 , 12, 495-508	223
1412	Brain volume perfusion CT performed with 128-detector row CT system in patients with cerebral gliomas: a feasibility study. 2011 , 21, 1811-9	16
1411	Predictive and prognostic factors for gliomas. 2011 , 11, 781-9	49
1410	Molecular Pathogenesis. 2011 , 27-44	1
1409	Molecular pathogenesis of malignant glial tumors. 2011 , 39, 158-66	16
1408	Molecular Subtypes of Gliomas. 2011 , 25-29	
1407	Early postoperative MRI overestimates residual tumour after resection of gliomas with no or minimal enhancement. 2011 , 21, 1526-34	40
1406	Macromolecule content influences proton diffusibility in gliomas. 2011 , 21, 2626-32	6
1405	O6-methylguanine DNA methyltransferase gene promoter methylation status in glioblastoma and its correlation with other prognostic markers. 2011 , 7, 425-430	1

1404	Expression of genes belonging to the IGF-system in glial tumors. 2011 , 45, 303-317	3
1403	Prognostic impact of CD133 mRNA expression in 48 glioblastoma patients treated with concomitant radiochemotherapy: a prospective patient cohort at a single institution. 2011 , 18, 2937-45	49
1402	Stereotactic brachytherapy with iodine-125 seeds for the treatment of inoperable low-grade gliomas in children: long-term outcome. 2011 , 29, 4151-9	56
1401	Heterogeneity of familial medulloblastoma and contribution of germline PTCH1 and SUFU mutations to sporadic medulloblastoma. 2011 , 10, 337-42	51
1400	Primary skull-based yolk-sac tumour: case report and review of central nervous system germ cell tumours. 2011 , 101, 129-34	7
1399	Posterior fossa solitary fibrous tumour: report of a fetal case and review of the literature. 2011 , 101, 297-300	1
1398	Pineal parenchymal tumor of intermediate differentiation with papillary features: a continuum of primary pineal tumors?. 2011 , 101, 301-6	13
1397	A microcosting study of microsurgery, LINAC radiosurgery, and gamma knife radiosurgery in meningioma patients. 2011 , 101, 237-45	7
1396	O6-methylguanine DNA methyltransferase status determined by promoter methylation and immunohistochemistry in gliosarcoma and their clinical implications. 2011 , 101, 477-86	26
1395	MGMT promoter hypermethylation is a frequent, early, and consistent event in astrocytoma progression, and not correlated with TP53 mutation. 2011 , 101, 405-17	22
1394	Co-localisation of meningioma and craniopharyngioma mimicking a single skull base tumour in an elderly patient. 2011 , 102, 167-70	7
1393	Black brain: transformation of a melanocytoma with diffuse melanocytosis into a primary cerebral melanoma. 2011 , 102, 323-8	21
1392	Rosette-forming glioneuronal tumor: a pineal region case with IDH1 and IDH2 mutation analyses and literature review of 43 cases. 2011 , 102, 477-84	63
1391	Outcome of 11 children with ependymoblastoma treated within the prospective HIT-trials between 1991 and 2006. 2011 , 102, 459-69	19
1390	Whole-genomic survey of oligodendroglial tumors: correlation between allelic imbalances and gene expression profiles. 2011 , 103, 71-85	4
1389	Which therapy works better in choroid plexus carcinomas?. 2011 , 103, 155-62	17
1388	Genomic aberrations associated with outcome in anaplastic oligodendroglial tumors treated within the EORTC phase III trial 26951. 2011 , 103, 221-30	18
1387	KIT expression and methylation in medulloblastoma and PNET cell lines and tumors. 2011 , 103, 247-53	9

1386	Malignant transformation of craniopharyngioma: case report and review of the literature. 2011 , 103, 719-25	22
1385	Rosette-forming glioneuronal tumor of the fourth ventricle in an elderly patient. 2011 , 103, 727-31	17
1384	Prediction of malignancy grading using computed tomography perfusion imaging in nonenhancing supratentorial gliomas. 2011 , 103, 619-27	8
1383	Heterogeneity in malignant gliomas: a magnetic resonance analysis of spatial distribution of metabolite changes and regional blood volume. 2011 , 103, 663-72	16
1382	Prognostic significance of cyclin A and B1 in pediatric embryonal tumors. 2011 , 103, 699-704	11
1381	Retrospective protein expression and epigenetic inactivation studies of CDH1 in patients affected by low-grade glioma. 2011 , 104, 113-8	9
1380	NGAL and NGALR are frequently overexpressed in human gliomas and are associated with clinical prognosis. 2011 , 104, 119-27	27
1379	Primer extension based quantitative polymerase chain reaction reveals consistent differences in the methylation status of the MGMT promoter in diffusely infiltrating gliomas (WHO grade II-IV) of adults. 2011 , 104, 293-303	16
1378	Glioneuronal tumor with neuropil-like islands of the spinal cord with diffuse leptomeningeal neuraxis dissemination. 2011 , 104, 529-33	24
1377	Cancer susceptibility variants and the risk of adult glioma in a US case-control study. 2011 , 104, 535-42	68
1376	A multicenter phase I trial of combination therapy with interferon-land temozolomide for high-grade gliomas (INTEGRA study): the final report. 2011 , 104, 573-7	32
1375	Logarithmic decrease of serum alpha-fetoprotein or human chorionic gonadotropin in response to chemotherapy can distinguish a subgroup with better prognosis among highly malignant intracranial non-germinomatous germ cell tumors. 2011 , 104, 779-87	9
1374	Temozolomide and 13-cis retinoic acid in patients with anaplastic gliomas: a prospective single-arm monocentric phase-II study (RNOP-05). 2011 , 104, 801-9	10
1373	Impact of therapy on quality of life, neurocognitive function and their correlates in glioblastoma multiforme: a review. 2011 , 104, 639-46	109
1372	Expression of the Golgi phosphoprotein-3 gene in human gliomas: a pilot study. 2011 , 105, 159-63	36
1371	Clinical significance of vasculogenic mimicry in human gliomas. 2011 , 105, 173-9	99
1370	Sarcoma arising as a distinct nodule within glioblastoma: a morphological and molecular perspective on gliosarcoma. 2011 , 105, 317-23	3
1369	Analysis of DNA repair gene polymorphisms and survival in low-grade and anaplastic gliomas. 2011 , 105, 531-8	6

1368	Medulloblastoma with myogenic differentiation: long-term survival in a patient treated with aggressive combination therapy and autologous stem cell transplantation. 2011 , 105, 659-62	2
1367	A functional polymorphism in the pre-miR-146a gene is associated with risk and prognosis in adult glioma. 2011 , 105, 639-46	62
1366	Expression of pERK and pAKT in human astrocytomas: correlation with IDH1-R132H presence, vascular endothelial growth factor, microvascular characteristics and clinical outcome. 2011 , 458, 749-59	14
1365	Pilomyxoid astrocytoma of the cervical spinal cord in a child with rapid progression into glioblastoma: case report and literature review. 2011 , 27, 313-21	20
1364	Galectin-3 expression: a useful tool in the differential diagnosis of posterior fossa tumors in children. 2011 , 27, 253-7	5
1363	Transsphenoidal extension of heterotopic glioneuronal tissue: pathoanatomic considerations in symptomatic neonates. 2011 , 27, 771-8	5
1362	Melanotic medulloblastoma in children. 2011 , 27, 517-21	4
1361	Desmoplastic infantile astrocytoma: recurrence with malignant transformation into glioblastoma: a case report. 2011 , 27, 2177-81	19
1360	Genome-wide comparison of paired fresh frozen and formalin-fixed paraffin-embedded gliomas by custom BAC and oligonucleotide array comparative genomic hybridization: facilitating analysis of archival gliomas. <i>Acta Neuropathologica</i> , 2011 , 121, 529-43	14
1359	Oncogenic FAM131B-BRAF fusion resulting from 7q34 deletion comprises an alternative mechanism of MAPK pathway activation in pilocytic astrocytoma. <i>Acta Neuropathologica</i> , 2011 , 121, 763-743	176
1358	Pediatric and adult sonic hedgehog medulloblastomas are clinically and molecularly distinct. <i>Acta Neuropathologica</i> , 2011 , 122, 231-40	159
1357	A novel human high-risk ependymoma stem cell model reveals the differentiation-inducing potential of the histone deacetylase inhibitor Vorinostat. <i>Acta Neuropathologica</i> , 2011 , 122, 637-50	63
1356	Expression of the progenitor marker NG2/CSPG4 predicts poor survival and resistance to ionising radiation in glioblastoma. <i>Acta Neuropathologica</i> , 2011 , 122, 495-510	101
1355	First step toward the "fingerprinting" of brain tumors based on synchrotron radiation X-ray fluorescence and multiple discriminant analysis. 2011 , 16, 1217-26	14
1354	Precise comparison of protoporphyrin IX fluorescence spectra with pathological results for brain tumor tissue identification. 2011 , 28, 43-51	45
1353	Persistent roles of signal transduction of platelet-derived growth factor B in genesis, growth, and anaplastic transformation of gliomas in an in-vivo serial transplantation model. 2011 , 28, 33-42	4
1352	Indeterminacy in the WHO classification of tumors: an example of the histopathological diagnosis of brain tumors. 2011 , 28, 247-51	1
1351	Genetic profile of astrocytic and oligodendroglial gliomas. 2011 , 28, 177-83	124

1350	Brain metastases exhibit gross deletions of the APC gene. 2011 , 28, 223-8	9
1349	Unclassified glioneuronal tumor with advanced lipidization. 2011 , 28, 265-71	2
1348	Papillary tumor of the pineal region. 2011 , 28, 329-34	11
1347	New insights into glioma classification based on isocitrate dehydrogenase 1 and 2 gene status. 2011 , 28, 203-8	6
1346	Neuropathological diagnosis of brain tumours. 2011 , 32 Suppl 2, S209-11	18
1345	The impact of provider surgical volumes on survival in children with primary tumors of the central nervous systema population-based study. 2011 , 153, 1219-29; discussion 1229	13
1344	Surgical management of intracranial subependymomas. 2011 , 153, 1469-75	19
1343	Bigger is bigger. Better is better. 2011 , 153, 1237-43; author reply 1245	4
1342	Surgical management of glioneuronal tumors with drug-resistant epilepsy. 2011 , 153, 1551-9	22
1341	Intracranial clear cell meningioma: a clinicopathologic study of 15 cases. 2011 , 153, 1769-80	27
1340	Stereotactic LINAC radiosurgery for incompletely resected or recurrent atypical and anaplastic meningiomas. 2011 , 153, 1761-7	38
1339	Solide Tumoren im Kindes- und Jugendalter. 2011 , 17, 1013-1023	
1338	Cytokine networks in glioma. 2011 , 34, 253-63; discussion 263-4	35
1337	Curative treatment for central nervous system medulloepithelioma despite residual disease after resection. Report of two cases treated according to the GPHO Protocol HIT 2000 and review of the literature. 2011 , 187, 757-62	12
1336	Experimental immunotherapy for malignant glioma: lessons from two decades of research in the GL261 model. 2011 , 60, 153-60	78
1335	[Pleomorphic high-grade soft tissue sarcomas: is the subclassification up to date?]. 2011 , 32, 47-56	O
1334	Neuroradiological viewpoint on the diagnostics of space-occupying brain lesions. 2011 , 21, 123-39	28
1333	Freiburg neuropathology case conference: a midline mass lesion in an infant. 2011 , 21, 101-6	2

Freiburg neuropathology case conference: cystic mass lesions of the temporal and occipital lobes in an elderly patient. **2011**, 21, 251-5

1331	Raman spectroscopic grading of astrocytoma tissues: using soft reference information. 2011 , 400, 2801-16	35
1330	MR imaging characteristics of protoplasmic astrocytomas. 2011 , 53, 405-11	26
1329	Can diffusion tensor metrics help in preoperative grading of diffusely infiltrating astrocytomas? A retrospective study of 36 cases. 2011 , 53, 63-8	25
1328	Glioma grade assessment by using histogram analysis of diffusion tensor imaging-derived maps. 2011 , 53, 483-91	32
1327	Magnetic resonance imaging spectrum of medulloblastoma. 2011 , 53, 387-96	46
1326	NMR techniques in biomedical and pharmaceutical analysis. 2011 , 55, 1-15	104
1325	Mitochondrial DNA depletion and its correlation with TFAM, TFB1M, TFB2M and POLG in human diffusely infiltrating astrocytomas. 2011 , 11, 48-53	31
1324	Glioblastomas with oligodendroglial component-common origin of the different histological parts and genetic subclassification. 2011 , 34, 261-75	11
1323	High-grade gliomas. 2011 , 13, 386-99	24
1322	Endometrial endometrioid adenocarcinoma associated with primitive neuroectodermal tumour of the uterus: a poor prognostic subtype of uterine tumours. 2011 , 28, 1488-94	5
1321	MicroRNAs as regulators of neural stem cell-related pathways in glioblastoma multiforme. 2011 , 44, 235-49	39
1320	Lack of prognostic significance of survivin in pediatric medulloblastoma. 2011 , 17, 899-908	8
1319	Current state and therapy strategies in paediatric low grade glioma. 2011 , 4, 16-18	1
1318	Pilocytic astrocytoma âla juvenile neoplasm âlın adults. 2011 , 4, 30-31	
1317	Genomic profiles of glioma. 2011 , 11, 291-7	34
1316	Response assessment in neuro-oncology. 2011 , 13, 50-6	88
1315	MiR-185 targets the DNA methyltransferases 1 and regulates global DNA methylation in human glioma. 2011 , 10, 124	94

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1314	SOX2-RNAi attenuates S-phase entry and induces RhoA-dependent switch to protease-independent amoeboid migration in human glioma cells. 2011 , 10, 137	59
1313	Histopathological grading of pediatric ependymoma: reproducibility and clinical relevance in European trial cohorts. 2011 , 10, 7	192
1312	MiRNA expression patterns predict survival in glioblastoma. 2011 , 6, 153	44
1311	Expression of OCT4 pseudogenes in human tumours: lessons from glioma and breast carcinoma. 2011 , 223, 672-82	70
1310	Survey of MicroRNA expression in pediatric brain tumors. 2011 , 56, 211-6	74
1309	Short echo time single voxel 1H magnetic resonance spectroscopy in the diagnosis and characterisation of pineal tumours in children. 2011 , 57, 972-7	14
1308	Memory deficits in patients with pediatric CNS germ cell tumors. 2011 , 57, 486-91	7
1307	Alternative lengthening of telomeres in human glioma stem cells. 2011 , 29, 440-51	55
1306	Notch1 is an independent prognostic factor for patients with glioma. 2011 , 103, 813-7	28
1305	Wip1 over-expression correlated with TP53/p14(ARF) pathway disruption in human astrocytomas. 2011 , 104, 679-84	10
1304	Nanoscale materials for tackling brain cancer: recent progress and outlook. 2011 , 23, H136-50	47
1303	Assessment of therapeutic response and treatment planning for brain tumors using metabolic and physiological MRI. 2011 , 24, 734-49	74
1302	Signal transduction inhibitors and antiangiogenic therapies for malignant glioma. 2011 , 59, 1205-12	26
1301	The origins of glioma: E Pluribus Unum?. 2011 , 59, 1135-47	65
1300	Molecular subclassification of diffuse gliomas: seeing order in the chaos. 2011 , 59, 1190-9	180
1299	LOH on 10p14-p15 targets the PFKFB3 gene locus in human glioblastomas. 2011 , 50, 1010-20	14
1298	Treatment recommendations for primary extradural meningiomas. 2011 , 117, 24-38	31
1297	Anatomic location is a risk factor for atypical and malignant meningiomas. 2011 , 117, 1272-8	120

1296	Benefits of interferon-land temozolomide combination therapy for newly diagnosed primary glioblastoma with the unmethylated MGMT promoter: A multicenter study. 2011 , 117, 1721-30	72
1295	Histology predicts a favorable outcome in young children with desmoplastic medulloblastoma: a report from the children's oncology group. 2011 , 117, 3262-7	37
1294	The impact of symptom interference using the MD Anderson Symptom Inventory-Brain Tumor Module (MDASI-BT) on prediction of recurrence in primary brain tumor patients. 2011 , 117, 3222-8	28
1293	Upfront observation versus radiation for adult pilocytic astrocytoma. 2011 , 117, 4070-9	35
1292	Prognostic but not predictive role of platelet-derived growth factor receptors in patients with recurrent glioblastoma. 2011 , 128, 1981-8	41
1291	Bcl-2 promotes malignant progression in a PDGF-B-dependent murine model of oligodendroglioma. 2011 , 129, 2093-103	14
1290	Functional characterization of a BRAF insertion mutant associated with pilocytic astrocytoma. 2011 , 129, 2297-303	73
1289	Inhibitory effect of pisosterol on human glioblastoma cell lines with C-MYC amplification. 2011 , 31, 554-60	5
1288	LRRC4 inhibits the proliferation of human glioma cells by modulating the expression of STMN1 and microtubule polymerization. 2011 , 112, 3621-9	14
1287	Antiproliferative, proapoptotic and morphogenic effects of the flavonoid rutin on human glioblastoma cells. 2011 , 127, 404-11	38
1286	Long-term outcomes of patients with spinal cord gliomas treated by modern conformal radiation techniques. 2011 , 81, 232-8	22
1285	Selection of reference genes for gene expression studies in astrocytomas. 2011 , 408, 163-5	15
1284	Childhood medulloblastoma. 2011 , 79, 65-83	48
1283	Treatment of glioblastoma with poly(isohexyl cyanoacrylate) nanoparticles. 2011, 415, 244-51	37
1282	Multiple meningioma with different grades of malignancy: case report with genetic analysis applying single-nucleotide polymorphism array and classical cytogenetics. 2011 , 207, 67-72	16
1281	Intracranial hemangiopericytoma: Case study with cytogenetics and genome wide SNP-A analysis. 2011 , 207, 310-6	5
1280	Evidence for label-retaining tumour-initiating cells in human glioblastoma. 2011 , 134, 1331-43	122
1279	SPARC stimulates neuronal differentiation of medulloblastoma cells via the Notch1/STAT3 pathway. 2011 , 71, 4908-19	36

1278	Pituicytoma: case report and literature review. 2011 , 84, e55-7	21
1277	A retrospective cohort-matched comparison of conscious sedation versus general anesthesia for supratentorial glioma resection. Clinical article. 2011 , 114, 633-9	57
1276	Surgical outcomes for older patients with glioblastoma multiforme: preoperative factors associated with decreased survival. Clinical article. 2011 , 114, 587-94	133
1275	Rethinking pediatric gliomas as developmental brain abnormalities. 2011 , 94, 283-308	4
1274	DNA hypermethylation profiles associated with glioma subtypes and EZH2 and IGFBP2 mRNA expression. 2011 , 13, 280-9	54
1273	Protein kinase D2 is a novel regulator of glioblastoma growth and tumor formation. 2011 , 13, 710-24	32
1272	Pediatric brain tumor cancer stem cells: cell cycle dynamics, DNA repair, and etoposide extrusion. 2011 , 13, 70-83	50
1271	Embryonal tumors with abundant neuropil and true rosettes: 2 illustrative cases and a review of the literature. 2011 , 30, E2	30
1270	Epidemiology of pediatric brain tumors in Greece (1991-2008). Experience from the Agia Sofia Children's Hospital. 2011 , 72, 1-4	22
1269	CD133+ glioblastoma stem-like cells induce vascular mimicry in vivo. 2011 , 8, 210-9	45
1268	The phosphoinositide 3-kinase signaling pathway as a therapeutic target in grade IV brain tumors. 2011 , 11, 894-918	27
1267	Epigenetic mechanisms regulating neural development and pediatric brain tumor formation. 2011 , 8, 119-32	7
1266	Cortical ependymoma: an unusual epileptogenic lesion. 2011 , 114, 1187-94	37
1265	Pediatric cerebellar pilomyxoid-spectrum astrocytomas. 2011 , 8, 90-6	24
1264	Autophagy inhibition cooperates with erlotinib to induce glioblastoma cell death. 2011 , 11, 1017-27	49
1263	CD133/prominin1 is prognostic for GBM patient's survival, but inversely correlated with cysteine cathepsins' expression in glioblastoma derived spheroids. 2011 , 45, 102-15	34
1262	Primary glioblastoma of the cerebellopontine angle in adults. 2011 , 114, 1288-93	28
1261	Brain metastasis of Wilms tumor with diffuse anaplasia and complex cytogenetic phenotype in a child with neurofibromatosis Type 1. 2011 , 8, 353-6	1

1260 Was gibt es Neues in der Neuroonkologie. **2011**, 32, 213-219

1259 B ersicht âl·Hirntumoren: Epidemiologie und Risikofaktoren. 2011 , 32, 196-201	
Identification of tumorigenic cells and implication of their aberrant differentiation in human hemangioblastomas. 2011 , 12, 727-36	8
Classification of astrocytomas and oligodendrogliomas from mass spectrometry data using sparse kernel machines. 2011 , 2011, 7965-8	e 4
1256 MicroRNA-146a inhibits glioma development by targeting Notch1. 2011 , 31, 3584-92	150
Segmentation of nodular medulloblastoma using Random Walker and Hierarchical Normalized Cuts. 2011 ,	5
Interpreting mammalian target of rapamycin and cell growth inhibition in a genetically engineere mouse model of Nf1-deficient astrocytes. 2011 , 10, 279-91	ed 30
1253 Molecular profile of oligodendrogliomas in young patients. 2011 , 13, 1099-106	37
1252 Characterization of Cancer Stem Cells in Patients With Brain Astrocytomas. 2011 , 21, 219-225	
Measuring preoperative anxiety in patients with intracranial tumors: the Amsterdam preoperative anxiety and information scale. 2011 , 23, 297-303	e 35
Sensitive determination of BRAF copy number in clinical samples by pyrosequencing. 2011 , 20, 14	18-57 11
The development of a graphical user interface, functional elements and classifiers for the non-invasive characterization of childhood brain tumours using magnetic resonance spectroscopy 2011 , 26, 353-363	y. 2
Accurate classification of metastatic brain tumors using a novel microRNA-based test. 2011 , 16, 1	65-74 28
A generic and extensible automatic classification framework applied to brain tumour diagnosis in HealthAgents. 2011 , 26, 283-301	7
Endothelial cells create a stem cell niche in glioblastoma by providing NOTCH ligands that nurture self-renewal of cancer stem-like cells. 2011 , 71, 6061-72	e ²⁷⁴
DNA microarray analysis identifies CKS2 and LEPR as potential markers of meningioma recurrence 2011 , 16, 1440-50	e. 19
Phase I trial of a personalized peptide vaccine for patients positive for human leukocyte antigenA24 with recurrent or progressive glioblastoma multiforme. 2011 , 29, 337-44	93
1243 A 4-gene signature associated with clinical outcome in high-grade gliomas. 2011 , 17, 317-27	55

1242	Incidence patterns for primary malignant spinal cord gliomas: a Surveillance, Epidemiology, and End Results study. 2011 , 14, 742-7	35
1241	Hemangioblastomas might derive from neoplastic transformation of neural stem cells/progenitors in the specific niche. 2011 , 32, 102-9	21
1240	Update on meningiomas. 2011 , 16, 1604-13	109
1239	Combined fluorescence and reflectance spectroscopy for in vivo quantification of cancer biomarkers in low- and high-grade glioma surgery. 2011 , 16, 116007	93
1238	Extracranial skeletal metastasis in anaplastic oligodendroglioma: case report and review of the literature. 2011 , 39, 960-7	8
1237	Coregistered fluorescence-enhanced tumor resection of malignant glioma: relationships between Eminolevulinic acid-induced protoporphyrin IX fluorescence, magnetic resonance imaging enhancement, and neuropathological parameters. Clinical article. 2011 , 114, 595-603	207
1236	Cerebrospinal tumor dissemination in a patient with myxopapillary ependymoma. 2011 , 29, e795-8	8
1235	A polymeric nanoparticle formulation of curcumin inhibits growth, clonogenicity and stem-like fraction in malignant brain tumors. 2011 , 11, 464-73	170
1234	Alpha-internexin expression in gliomas: relationship with histological type and 1p, 19q, 10p and 10q status. 2011 , 64, 793-801	12
1233	BRAF activation induces transformation and then senescence in human neural stem cells: a pilocytic astrocytoma model. 2011 , 17, 3590-9	136
1232	Glioblastoma: Endosialin Marker for Pericytes. 2011 , 23-29	
1231	MRI apparent diffusion coefficient reflects histopathologic subtype, axonal disruption, and tumor fraction in diffuse-type grade II gliomas. 2011 , 13, 1192-201	27
1230	Gene expression profile correlates with T-cell infiltration and relative survival in glioblastoma patients vaccinated with dendritic cell immunotherapy. 2011 , 17, 1603-15	315
1229	Differential retinoic acid signaling in tumors of long- and short-term glioblastoma survivors. 2011 , 103, 598-606	42
1228	Homozygously deleted gene DACH1 regulates tumor-initiating activity of glioma cells. 2011 , 108, 12384-9	33
1227	Inconsistent immunohistochemical expression patterns of four different CD133 antibody clones in glioblastoma. 2011 , 59, 391-407	63
1226	Isolated diffusion restriction precedes the development of enhancing tumor in a subset of patients with glioblastoma. 2011 , 32, 1301-1306	64
1225	Profiling the effects of isocitrate dehydrogenase 1 and 2 mutations on the cellular metabolome. 2011 , 108, 3270-5	340

1224	Report from the fifth National Cancer Institute Mouse Models of Human Cancers Consortium Nervous System Tumors Workshop. 2011 , 13, 692-9	6
1223	Hot spots in dynamic (18)FET-PET delineate malignant tumor parts within suspected WHO grade II gliomas. 2011 , 13, 307-16	187
1222	Treatment resistance mechanisms of malignant glioma tumor stem cells. 2011 , 3, 621-35	22
1221	Multimodality assessment of brain tumors and tumor recurrence. 2011 , 52, 1585-600	102
1220	Value of diffusion-weighted imaging in grading tumours localized in the fourth ventricle region by visual and quantitative assessments. 2011 , 39, 912-9	7
1219	The Clinical Value of PET with Amino Acid Tracers for Gliomas WHO Grade II. 2011 , 2011, 372509	31
1218	Inhibitors of Glioma Growth that Reveal the Tumour to the Immune System. 2011 , 5, 265-314	27
1217	Thrombin-induced Migration and Matrix Metalloproteinase-9 Expression Are Regulated by MAPK and PI3K Pathways in C6 Glioma Cells. 2011 , 15, 211-6	10
1216	Integrative genomic analysis of medulloblastoma identifies a molecular subgroup that drives poor clinical outcome. 2011 , 29, 1424-30	513
1215	Genome-wide analysis of alternative splicing in medulloblastoma identifies splicing patterns characteristic of normal cerebellar development. 2011 , 71, 2045-55	15
1214	Prognostic significance of angiogenesis in relation to Ki-67, p-53, p-27, and bcl-2 expression in embryonal tumors. 2011 , 47, 241-7	10
1213	Diffusion tensor MR imaging of cerebral gliomas: evaluating fractional anisotropy characteristics. 2011 , 32, 374-81	43
1212	Neurooncology. 2011 , 39, 124-8	1
1211	Methylation profiling identifies 2 groups of gliomas according to their tumorigenesis. 2011 , 13, 84-98	99
1210	Genetic aberrations leading to MAPK pathway activation mediate oncogene-induced senescence in sporadic pilocytic astrocytomas. 2011 , 17, 4650-60	103
1209	Examination of 11C-methionine metabolism by the standardized uptake value in the normal brain of children. 2011 , 52, 201-5	9
1208	Comparison of hypothesis- and a novel hybrid data/hypothesis-driven method of functional MR imaging analysis in patients with brain gliomas. 2011 , 32, 1056-64	13
1207	Dopamine agonist-resistant prolactinomas. 2011 , 114, 1369-79	71

1206	Platelet-derived growth factor receptor alpha in glioma: a bad seed. 2011 , 30, 590-602	30
1205	A GATA4-regulated tumor suppressor network represses formation of malignant human astrocytomas. 2011 , 208, 689-702	65
1204	Medulloblastoma variants and survival at a children's hospital. 2011 , 30, 53-9	1
1203	Nonredundant functions for Akt isoforms in astrocyte growth and gliomagenesis in an orthotopic transplantation model. 2011 , 71, 4106-16	54
1202	Homozygous loss of ADAM3A revealed by genome-wide analysis of pediatric high-grade glioma and diffuse intrinsic pontine gliomas. 2011 , 13, 212-22	92
1201	Faminolevulinic acid-induced protoporphyrin IX concentration correlates with histopathologic markers of malignancy in human gliomas: the need for quantitative fluorescence-guided resection to identify regions of increasing malignancy. 2011 , 13, 846-56	106
1200	Towards tailored therapy of glioblastoma multiforme. 2011 , 23, 187-99	16
1199	Insight into the role of microRNAs in brain tumors (review). 2012 , 40, 605-24	8
1198	Eelemene inhibits proliferation of human glioblastoma cells through the activation of glia maturation factor and induces sensitization to cisplatin. 2011 , 26, 405-13	38
1197	Specific biomarkers of receptors, pathways of inhibition and targeted therapies: clinical applications. 2011 , 84 Spec No 2, S179-95	3
1196	Targeting the AKT pathway in glioblastoma. 2011 , 17, 2411-20	60
1195	Beyond effector caspase inhibition: Bcl2L12 neutralizes p53 signaling in glioblastoma. 2011 , 10, 33-8	62
1194	HNK-1 glycan functions as a tumor suppressor for astrocytic tumor. 2011 , 286, 32824-33	10
1193	Delivery of molecularly targeted therapy to malignant glioma, a disease of the whole brain. 2011 , 13, e17	214
1192	PTHrP treatment fails to rescue bone defects caused by Hedgehog pathway inhibition in young mice. 2011 , 39, 478-85	9
1191	The transcription factor evi-1 is overexpressed, promotes proliferation, and is prognostically unfavorable in infratentorial ependymomas. 2011 , 17, 3631-7	28
1190	Incidence trends of vestibular schwannomas in Denmark, Finland, Norway and Sweden in 1987-2007. 2011 , 105, 1069-75	22
1189	Novel ways to target brain tumour metabolism. 2011 , 15, 1227-39	12

1188	Increased signal transducer and activator of transcription 3 (STAT3) and decreased cyclin D1 in recurrent astrocytic tumours compared with paired primary astrocytic tumours. 2011 , 39, 2103-9	2
1187	Angiotropism and extravascular migratory metastasis in melanoma: from concept to gene expression. 2011 , 6, 303-316	5
1186	Medulloblastoma in a case of migraine-like headache with head tilt: a case report. 2011 , 11, 81-86	
1185	Clival invasion on multi-detector CT in 390 pituitary macroadenomas: correlation with sex, subtype and rates of operative complication and recurrence. 2011 , 32, 785-9	30
1184	The Little Black Book of Neuropsychology. 2011 ,	49
1183	The correlation between promoter methylation status and the expression level of O6-methylguanine-DNA methyltransferase in recurrent glioma. 2011 , 41, 190-6	10
1182	Brain cancer stem cells: current status on glioblastoma multiforme. 2011 , 3, 1777-97	53
1181	The microtubule stabilizer patupilone (epothilone B) is a potent radiosensitizer in medulloblastoma cells. 2011 , 13, 1000-10	27
1180	Cerebellum development and medulloblastoma. 2011 , 94, 235-82	144
1179	[Spinal tumors - part 2: intradural tumors. Epidemiology, clinical aspects and therapy]. 2011 , 100, 849-56	5
1178	Genome-wide molecular characterization of central nervous system primitive neuroectodermal tumor and pineoblastoma. 2011 , 13, 866-79	62
1177	Quantifying the role of angiogenesis in malignant progression of gliomas: in silico modeling integrates imaging and histology. 2011 , 71, 7366-75	174
1176	Proteomics of gliomas: initial biomarker discovery and evolution of technology. 2011 , 13, 926-42	62
1175	Gliomatosis cerebri: diagnostic considerations in three cases. 2011 , 59, 122-5	3
1174	Risk factors for oligodendroglial tumors: a pooled international study. 2011 , 13, 242-50	23
1173	Rosette-forming glioneuronal tumors: a report of two cases. 2011 , 59, 276-80	19
1172	Les tumeurs gliales malignes de lâ\dulte. 2011 , 591-612	
1171	Neurocytomas: long-term experience of a single institution. 2011 , 13, 943-9	35

(2012-2012)

1170	Molecular prognostic factors of anaplastic oligodendroglial tumors and its relationship: a single institutional review of 77 patients from China. 2012 , 14, 109-16	35
1169	Aberrant expression of N-methylpurine-DNA glycosylase influences patient survival in malignant gliomas. 2012 , 2012, 760679	13
1168	Cerebellar gliomatosis in a toddler: case report of a challenging condition and review of the literature. 2012 , 27, 511-20	3
1167	An Algorithm for the Preclinical Screening of Anticancer Drugs Effective against Brain Tumors. 2012 , 2012, 513580	4
1166	Classification and pathogenesis of brain tumors. 2012 , 36-58	
1165	Clinical features and treatment of World Health Organization grade II and III meningiomas in childhood: report of 23 cases. 2012 , 10, 423-33	13
1164	Strategies for annotation and curation of translational databases: the eTUMOUR project. 2012 , 2012, bas035	15
1163	The Clinical and Prognostic Significance of Activated AKT-mTOR Pathway in Human Astrocytomas. 2012 , 2012, 454957	3
1162	Supratentorial hemangioblastoma: clinical features, prognosis, and predictive value of location for von Hippel-Lindau disease. 2012 , 14, 1097-104	28
1161	Prediction of oligodendroglial histology and LOH 1p/19q using dynamic [(18)F]FET-PET imaging in intracranial WHO grade II and III gliomas. 2012 , 14, 1473-80	85
1160	Protein tyrosine phosphatase mu regulates glioblastoma cell growth and survival in vivo. 2012 , 14, 561-73	15
1159	Survival analysis for apparent diffusion coefficient measures in children with embryonal brain tumours. 2012 , 14, 1285-93	8
1158	Concordance between local, institutional, and central pathology review in glioblastoma: implications for research and practice: a pilot study. 2012 , 60, 61-5	5
1157	Status of Oâllmethylguanine-DNA methyltransferase [MGMT] gene promoter methylation among patients with glioblastomas from India. 2012 , 60, 481-6	7
1156	Malignant solitary fibrous tumor in the extremity: Cytopathologic findings. 2012 , 29, 139-41	6
1155	Matrix metalloproteinase-9 expression is increased in astrocytic glioma and associated with prognosis of patients. 2012 , 42, 1060-5	6
1154	Expression of podoplanin in human astrocytic brain tumors is controlled by the PI3K-AKT-AP-1 signaling pathway and promoter methylation. 2012 , 14, 426-39	44
1153	Granulocyte-colony stimulating factor promotes proliferation, migration and invasion in glioma cells. 2012 , 13, 389-400	40

1152	Down-regulation of Nedd4L is associated with the aggressive progression and worse prognosis of malignant glioma. 2012 , 42, 196-201	36
1151	An interleukin 13 receptor ⊉-specific peptide homes to human Glioblastoma multiforme xenografts. 2012 , 14, 6-18	48
1150	Posterior fossa involvement in a recurrent gliosarcoma. 2012 , 3, 60-4	3
1149	Multicentric extramedullary myxopapillary ependymomas: Two case reports and literature review. 2012 , 3, 102	13
1148	Intramedullary pilomyxoid astrocytoma with intracerebral metastasis exhibiting oligoden-droglioma-like features. 2012 , 4, e30	3
1147	Primary intracranial germ cell tumor originating from septum pellucidum that mimics central neurocytoma. 2012 , 30, e274-7	6
1146	Relevance of T2 signal changes in the assessment of progression of glioblastoma according to the Response Assessment in Neurooncology criteria. 2012 , 14, 222-9	65
1145	Key concepts in glioblastoma therapy. 2012 , 83, 753-60	59
1144	Gliomas: diffusion kurtosis MR imaging in grading. 2012 , 263, 492-501	268
1143	Copy number gain of 1q25 predicts poor progression-free survival for pediatric intracranial ependymomas and enables patient risk stratification: a prospective European clinical trial cohort analysis on behalf of the Children's Cancer Leukaemia Group (CCLG), Societe Française d'Oncologie	89
1142	Pediatric Medullomyoblastoma: Immunohistochemical Analyses. 2012 , 153-158	1
1141	STAT3 inhibition overcomes temozolomide resistance in glioblastoma by downregulating MGMT expression. 2012 , 11, 1289-99	129
1140	High frequency of germline SUFU mutations in children with desmoplastic/nodular medulloblastoma younger than 3 years of age. 2012 , 30, 2087-93	91
1139	Stem cell based glioblastoma gene therapy. 2012 , 59, 756-60	27
1138	Treatment outcomes in black and white children with cancer: results from the SEER database and St Jude Children's Research Hospital, 1992 through 2007. 2012 , 30, 2005-12	87
1137	Glial progenitor cell recruitment drives aggressive glioma growth: mathematical and experimental modelling. 2012 , 9, 1757-66	24
1136	The molecular classification of medulloblastoma: driving the next generation clinical trials. 2012 , 24, 33-9	48
1135	Successful treatment of leptomeningeal gliomatosis of pilomyxoid astrocytoma after failed frontline chemotherapy. 2012 , 18, 32-5	7

(2012-2012)

1134	Multiplex ligation-dependent probe amplification (MLPA) in tumor diagnostics and prognostics. 2012 , 21, 189-206	106
1133	Management of malignant gliomas and primary CNS lymphoma: standard of care and future directions. 2012 , 18, 406-15	8
1132	Status quostandard-of-care medical and radiation therapy for glioblastoma. 2012 , 18, 12-9	49
1131	Individualized targeted therapy for glioblastoma: fact or fiction?. 2012 , 18, 40-4	57
1130	Imaging and Pathologic Findings of a Pineal Anlage Tumor in a Child. 2012 , 22, 168-170	0
1129	Molecular approaches to ependymoma: the next step(s). 2012 , 25, 745-50	19
1128	Seizures in low-grade gliomas: natural history, pathogenesis, and outcome after treatments. 2012 , 14 Suppl 4, iv55-64	162
1127	Endothelial expression of TNF receptor-1 generates a proapoptotic signal inhibited by integrin 61 in glioblastoma. 2012 , 72, 1428-37	30
1126	Aberrant E-cadherin, Etatenin, and glial fibrillary acidic protein (GFAP) expression in canine choroid plexus tumors. 2012 , 24, 14-22	18
1125	FDG-PET predicts survival in recurrent high-grade gliomas treated with bevacizumab and irinotecan. 2012 , 14, 649-57	64
1124	Oncolytic herpes simplex virus counteracts the hypoxia-induced modulation of glioblastoma stem-like cells. 2012 , 1, 322-32	26
1123	N-cadherin expression level modulates integrin-mediated polarity and strongly impacts on the speed and directionality of glial cell migration. 2012 , 125, 844-57	96
1122	Surgical management of high-grade glioma: a standard of care. 2012 , 1, 181-92	7
1121	Therapeutic Kinase Inhibitors. 2012 ,	1
1120	Reorganization of functional connectivity of the language network in patients with brain gliomas. 2012 , 33, 1983-90	59
1119	Efficacy and safety of bevacizumab in glioblastomas. 2012 , 19, 972-81	12
1118	Impact of protein content on proton diffusibility in intracranial cysts. 2013 , 185, 60-5	1
1117	Feasibility of repeat surgery for pediatric brain tumors: an objective assessment of perioperative outcomes. 2012 , 10, 411-7	5

1116 Stem cells as therapeutic vehicles for the treatment of high-grade gliomas. 2012 , 14, 256-65	43
CXCR4 activation defines a new subgroup of Sonic hedgehog-driven medulloblastoma. 2012 , 72, 122-32	48
Addressing diffuse glioma as a systemic brain disease with single-cell analysis. 2012 , 69, 523-6	93
Therapeutic significance of estrogen receptor 🖾 gonists in gliomas. 2012 , 11, 1174-82	71
1112 Atypia predicting prognosis for intracranial extraventricular neurocytomas. 2012 , 116, 349-54	36
1111 Targeted therapy for brain tumours: role of PARP inhibitors. 2012 , 12, 218-36	16
1110 Chemotherapy and target therapy in the management of adult high- grade gliomas. 2012 , 12, 1016-31	16
MR imaging of neoplastic central nervous system lesions: review and recommendations for current practice. 2012 , 33, 803-17	68
1108 Vasculogenic mimicry and its clinical significance in medulloblastoma. 2012 , 13, 341-8	28
1107 Supportive follow-up in patients treated with radical intent for high-grade glioma. 2012 , 1, 39-48	6
1106 Myc proteins in brain tumor development and maintenance. 2012 , 117, 122-31	28
1105 Neural stem cells: brain building blocks and beyond. 2012 , 117, 132-42	45
1104 PDGF and PDGF receptors in glioma. 2012 , 117, 99-112	120
Optical needle endoscope for safe and precise stereotactically guided biopsy sampling in neurosurgery. 2012 , 20, 26117-26	21
Incidence and causes of perioperative mortality after primary surgery for intracranial tumors: a national, population-based study. 2012 , 116, 825-34	39
Outcome of primary childhood central nervous system tumors: results from a single center in Iran. 2012 , 43, 232-7	3
1100 Atypical teratoid/rhabdoid tumor with 26-year overall survival: case report. 2012 , 9, 400-5	13
Neuronal immunoexpression and a distinct subtype of adult primary supratentorial glioblastoma with a better prognosis. 2012 , 117, 476-85	7

1098	Epigenetic biomarkers of T-cells in human glioma. 2012 , 7, 1391-402	27
1097	Raman spectroscopic imaging as complementary tool for histopathologic assessment of brain tumors. 2012 ,	5
1096	MET signaling regulates glioblastoma stem cells. 2012 , 72, 3828-38	130
1095	Personalized care in neuro-oncology coming of age: why we need MGMT and 1p/19q testing for malignant glioma patients in clinical practice. 2012 , 14 Suppl 4, iv100-8	120
1094	Lectins identify glycan biomarkers on glioblastoma-derived cancer stem cells. 2012 , 21, 2374-86	24
1093	Pineal Parenchymal Tumors. 2012 , 813-821	
1092	WNT/Etatenin pathway activation in Myc immortalised cerebellar progenitor cells inhibits neuronal differentiation and generates tumours resembling medulloblastoma. 2012 , 107, 1144-52	17
1091	Development of robust discriminant equations for assessing subtypes of glioblastoma biopsies. 2012 , 106, 1816-25	7
1090	ABT-737 promotes tBid mitochondrial accumulation to enhance TRAIL-induced apoptosis in glioblastoma cells. 2012 , 3, e432	36
1089	Standard of care therapy for malignant glioma and its effect on tumor and stromal cells. 2012 , 31, 1995-2006	37
1089	Standard of care therapy for malignant glioma and its effect on tumor and stromal cells. 2012 , 31, 1995-2006 Increased invasion of malignant gliomas after 15-LO-1 and HSV-tk/ganciclovir combination gene therapy. 2012 , 19, 870-4	376
1088	Increased invasion of malignant gliomas after 15-LO-1 and HSV-tk/ganciclovir combination gene	· ·
1088	Increased invasion of malignant gliomas after 15-LO-1 and HSV-tk/ganciclovir combination gene therapy. 2012 , 19, 870-4	6
1088	Increased invasion of malignant gliomas after 15-LO-1 and HSV-tk/ganciclovir combination gene therapy. 2012 , 19, 870-4 Intraparenchymal chordoid meningioma: a case report and review of the literature. 2012 , 20, 600-5	6
1088 1087 1086	Increased invasion of malignant gliomas after 15-LO-1 and HSV-tk/ganciclovir combination gene therapy. 2012, 19, 870-4 Intraparenchymal chordoid meningioma: a case report and review of the literature. 2012, 20, 600-5 Classifying human brain tumors by lipid imaging with mass spectrometry. 2012, 72, 645-54 Ependymomas, neuronal and mixed neuronal-glial tumors, dysembroblastic neuroepithelial tumors,	6 6 220
1088 1087 1086	Increased invasion of malignant gliomas after 15-LO-1 and HSV-tk/ganciclovir combination gene therapy. 2012, 19, 870-4 Intraparenchymal chordoid meningioma: a case report and review of the literature. 2012, 20, 600-5 Classifying human brain tumors by lipid imaging with mass spectrometry. 2012, 72, 645-54 Ependymomas, neuronal and mixed neuronal-glial tumors, dysembroblastic neuroepithelial tumors, pleomorphic xanthoastrocytomas, and pilocytic astrocytomas. 2012, 105, 551-67 Vascular endothelial growth factor signals through platelet-derived growth factor receptor [In	6 6 220 1
1088 1087 1086 1085	Increased invasion of malignant gliomas after 15-LO-1 and HSV-tk/ganciclovir combination gene therapy. 2012, 19, 870-4 Intraparenchymal chordoid meningioma: a case report and review of the literature. 2012, 20, 600-5 Classifying human brain tumors by lipid imaging with mass spectrometry. 2012, 72, 645-54 Ependymomas, neuronal and mixed neuronal-glial tumors, dysembroblastic neuroepithelial tumors, pleomorphic xanthoastrocytomas, and pilocytic astrocytomas. 2012, 105, 551-67 Vascular endothelial growth factor signals through platelet-derived growth factor receptor lin meningiomas in vitro. 2012, 107, 1702-13 Constitutive Notch2 signaling in neural stem cells promotes tumorigenic features and astroglial	6 6 220 1 27

1080	Yes-associated protein 1 is activated and functions as an oncogene in meningiomas. 2012 , 10, 904-13	41
1079	Migfilin protein promotes migration and invasion in human glioma through epidermal growth factor receptor-mediated phospholipase C-land STAT3 protein signaling pathways. 2012 , 287, 32394-405	27
1078	Determination of grade and subtype of meningiomas by using histogram analysis of diffusion-tensor imaging metrics. 2012 , 262, 584-92	54
1077	Memory disorders in children with central nervous system germ cell tumors. 2012 , 29, 161-70	2
1076	11C-methionine PET for grading and prognostication in gliomas: a comparison study with 18F-FDG PET and contrast enhancement on MRI. 2012 , 53, 1709-15	96
1075	A high frequency of MSH6 G268A polymorphism and survival association in glioblastoma. 2013 , 123, 114-20	7
1074	Recursive feature elimination for brain tumor classification using desorption electrospray ionization mass spectrometry imaging. 2012 , 2012, 5258-61	4
1073	HDM2 promotes WIP1-mediated medulloblastoma growth. 2012 , 14, 440-58	16
1072	Ionizing radiation and the risk of brain and central nervous system tumors: a systematic review. 2012 , 14, 1316-24	153
1071	Data Mining for Biomarker Discovery. 2012 ,	3
,	Data Mining for Biomarker Discovery. 2012, Tumors of the Central Nervous System, Volume 9. 2012,	3
1070		25
1070	Tumors of the Central Nervous System, Volume 9. 2012 ,	
1070 1069	Tumors of the Central Nervous System, Volume 9. 2012 , TP53 mutations in canine brain tumors. 2012 , 49, 796-801 The new World Health Organization Classification of Central Nervous System Tumors: what can the	25
1070 1069 1068	Tumors of the Central Nervous System, Volume 9. 2012 , TP53 mutations in canine brain tumors. 2012 , 49, 796-801 The new World Health Organization Classification of Central Nervous System Tumors: what can the neuroradiologist really say?. 2012 , 33, 795-802 Tumors of central and peripheral nervous system associated with inherited genetic syndromes.	25 24 25
1070 1069 1068 1067	Tumors of the Central Nervous System, Volume 9. 2012, TP53 mutations in canine brain tumors. 2012, 49, 796-801 The new World Health Organization Classification of Central Nervous System Tumors: what can the neuroradiologist really say?. 2012, 33, 795-802 Tumors of central and peripheral nervous system associated with inherited genetic syndromes. 2012, 48, 271-85	25 24 25
1070 1069 1068 1067 1066	Tumors of the Central Nervous System, Volume 9. 2012, TP53 mutations in canine brain tumors. 2012, 49, 796-801 The new World Health Organization Classification of Central Nervous System Tumors: what can the neuroradiologist really say?. 2012, 33, 795-802 Tumors of central and peripheral nervous system associated with inherited genetic syndromes. 2012, 48, 271-85 Pediatric Medulloblastoma: The Role of Heterozygous Germ-Line Mutations in the NBN Gene. 2012, 117-127	25 24 25 1

1062 The Platelet Fun	nction Analyzer (PFA-100) as a Screening Tool in Neurosurgery. 2012 , 2012, 839242	14
1061 Radiotherapy re	esults of adult ependymoma. 2012 , 27, 163-171	
1060 Immunohistoche	emical expression of IDH1 in gliomas: a tissue microarray-based approach. 2012 , 8, 598-601	25
Pediatric high gr 1059 , 2, 105	rade glioma: a review and update on tumor clinical characteristics and biology. 2012	96
	a temporal ganglioglioma and its subsequent malignant transformation into a ectodermal tumor. 2012 , 3, 79	5
1057 CD24 expression	n as a marker for predicting clinical outcome in human gliomas. 2012 , 2012, 517172	35
1056 What is a pediat	cric tumor?. 2012 , 7	5
1055 The role of sema	aphorins and their receptors in gliomas. 2012 , 2012, 902854	17
1054 Pediatric primar	ry anaplastic ganglioglioma: a case report and review of the literature. 2012 , 48, 35-41	12
1053 Impaired surviva	al and long-term neurological problems in benign meningioma. 2012 , 14, 658-66	138
	er and activator of transcription 3 promotes angiogenesis and drives malignant glioma. 2012 , 14, 1136-45	61
1051 Nucleic acids in l	human glioma treatment: innovative approaches and recent results. 2012 , 2012, 735135	15
1050 Imaging charact	eristics of oligodendrogliomas that predict grade. 2012 , 33, 852-7	41
	operates with EGFR inhibition to deplete stem-like cancer cells in erived spheroid cultures. 2012 , 14, 1441-51	35
1048 Studying a comp	plex tumor: potential and pitfalls. 2012 , 18, 107-14	23
1047 A predicted miR	R-27a-mediated network identifies a signature of glioma. 2012 , 28, 1249-56	13
Prognostic signi study. 2012 , 28,	ificance of sirtuin 2 protein nuclear localization in glioma: an immunohistochemical 923-30	11
	d 4 correlates with endothelial proliferation and vessel maturation in human na. 2012 , 35, 763-8	9

Adult diffuse gliomas produce mRNA transcripts encoding EGFR isoforms lacking a tyrosine kinase domain. 2012 , 40, 1142-52	14
Radiosurgery for atypical and anaplastic meningiomas: histopathological predictors of local tumor control. 2012 , 90, 316-24	17
1042 The diagnosis of spinal tumors: established and emerging methods. 2012 , 6, 95-108	2
1041 Immune cell infiltrate in different grades of astrocytomas. 2012 , 32, 175-180	2
Computer-assisted and fractal-based morphometric assessment of microvascularity in histological specimens of gliomas. 2012 , 2, 429	17
Downregulation of miR-544 in tissue, but not in serum, is a novel biomarker of malignant transformation in glioma. 2012 , 4, 1321-1324	17
1038 Thrapies molculaires cibles et antiangioghiques dans le traitement des glioblastomes. 2012 , 9, 1-13	3
1037 Prognostic factors in central neurocytomas: a multicenter study of 71 cases. 2012 , 36, 220-7	56
Surgery of insular nonenhancing gliomas: volumetric analysis of tumoral resection, clinical outcome, and survival in a consecutive series of 66 cases. 2012 , 70, 1081-93; discussion 1093-4	83
Predicting outcomes of patients with intracranial meningiomas using molecular markers of hypoxic vascularity, and proliferation. 2012 , 71, 146-56	a, 72
Meningioma surgery in the elderly: outcome and validation of 2 proposed grading score systems. 2012 , 70, 555-65	48
1033 Awake language mapping for cerebral glioma surgery. 2012 ,	
1032 Epidemiologia dos gliomas no estado do Par (2000-2006). 2012, 31, 200-206	
An unusual association of calcifying pseudoneoplasm of the neuraxis with interhemispheric lipoma and agenesis of corpus callosum. 2012 , 44, 657-9	11
1030 Medulloblastoma Model. 2012 , 83-140	
Objective quantification of the Ki67 proliferative index in neuroendocrine tumors of the gastroenteropancreatic system: a comparison of digital image analysis with manual methods. 2012 36, 1761-70	2, 196
Clinical application of motor pathway mapping using diffusion tensor imaging tractography and intraoperative direct subcortical stimulation in cerebral glioma surgery: a prospective cohort study 2012 , 71, 1170-83; discussion 1183-4	. 8 ₄
Lateral supraorbital approach applied to tuberculum sellae meningiomas: experience with 52 consecutive patients. 2012 , 70, 1504-18; discussion 1518-9	42

Human mesenchymal stem cells exploit the immune response mediating chemokines to impact the phenotype of glioblastoma. 2012 , 21, 1529-45	37
WIP1 enhances tumor formation in a sonic hedgehog-dependent model of medulloblastoma. 2012 , 70, 1003-10; discussion 1010	18
Hypoxia assessed by 18F-fluoromisonidazole positron emission tomography in newly diagnosed gliomas. 2012 , 33, 621-5	35
1023 Assessment of rhabdoid brain tumor by F-18 FDG PET, C-11 methionine PET and MRI. 2012 , 37, e33-5	1
1022 The prevalence of human cytomegalovirus DNA in gliomas of Brazilian patients. 2012 , 107, 953-4	22
Reproducible Sample Preparation and Spectrum Acquisition Techniques for Metabolic Profiling of Human Tissues by Proton High-Resolution Magic Angle Spinning Nuclear Magnetic Resonance. 496-52	24 4
1020 MicroRNA-146a: a key regulator of astrocyte-mediated inflammatory response. 2012 , 7, e44789	240
Effectiveness of the bevacizumab-irinotecan regimen in the treatment of recurrent glioblastoma multiforme: Comparison with other second-line treatments without this regimen. 2012 , 4, 1114-1118	8
Effectiveness of maximal safe resection for glioblastoma including elderly and low Karnofsky performance status patients: retrospective review at a single institute. 2012 , 52, 570-6	12
Favorable outcome after radical resection and subsequent local irradiation of malignant peripheral nerve sheath tumor in the cervical spine. 2012 , 52, 670-4	3
LOH´19q indicates shorter disease progression-free interval in low-grade oligodendrogliomas with EMP3 methylation. 2012 , 28, 2271-7	7
Growth Regulation of Nervous System Tumours: Models for Assessment of Angiogenesis in Brain Tumours. 2012 , 181-200	
miR-155 is up-regulated in primary and secondary glioblastoma and promotes tumour growth by inhibiting GABA receptors. 2012 , 41, 228-34	40
IDH1/2 mutation is a prognostic marker for survival and predicts response to chemotherapy for grade II gliomas concomitantly treated with radiation therapy. 2012 , 41, 1325-36	59
Correlation of EGFR, IDH1 and PTEN status with the outcome of patients with recurrent glioblastoma treated in a phase II clinical trial with the EGFR-blocking monoclonal antibody cetuximab. 2012 , 41, 1029-35	42
The Value of Magnetic Resonance in Differentiation between Brain Glioma and Treatment Induced Injury. 2012 , 12, 24-28	O
1010 Pituicytoma of the neurohypophysis: analysis of cell proliferation biomarkers. 2012 , 39, 835-7	8
1009 Intra-operative imaging for neuro-oncology. 2012,	1

1008	MRS study of meningeal hemangiopericytoma and edema: a comparison with meningothelial meningioma. 2012 , 28, 1461-7	13
1007	PAX2 is an antiapoptotic molecule with deregulated expression in medulloblastoma. 2012 , 41, 235-41	3
1006	Glioma and Other Neuroepithelial Neoplasms. 2012 , 767-794	
1005	Patologa del eje hipotamo-hipofisario. Tumores pineales. 2012 , 11, 751-756	
1004	Primary brain tumours in adults. 2012 , 379, 1984-96	447
1003	Fluorescence Lifetime Spectroscopy and Imaging in Neurosurgery. 2012 , 18, 1465-1477	16
1002	Suspected primary glioblastoma multiforme in the canine spinal cord. 2012 , 53, 604-7	4
1001	Transcriptional factors for epithelial-mesenchymal transition are associated with mesenchymal differentiation in gliosarcoma. 2012 , 22, 670-6	38
1000	Characteristic features of stem cells in glioblastomas: from cellular biology to genetics. 2012 , 22, 592-606	9
999	Aldehyde dehydrogenase 1A1a new mediator of resistance to temozolomide in glioblastoma. 2012 , 14, 1452-64	63
998	Activation of canonical WNT/Etatenin signaling enhances in vitro motility of glioblastoma cells by activation of ZEB1 and other activators of epithelial-to-mesenchymal transition. 2012 , 325, 42-53	160
997	Immunohistochemical analysis-based proteomic subclassification of newly diagnosed glioblastomas. 2012 , 103, 1871-9	32
996	Epithelial-mesenchymal transition and clinicopathological correlation in craniopharyngioma. 2012 , 61, 711-25	18
995	Oncogenic role of SOX9 expression in human malignant glioma. 2012 , 29, 3484-90	47
994	MicroRNA-195 plays a tumor-suppressor role in human glioblastoma cells by targeting signaling pathways involved in cellular proliferation and invasion. 2012 , 14, 278-87	76
993	Frequent ATRX mutations and loss of expression in adult diffuse astrocytic tumors carrying IDH1/IDH2 and TP53 mutations. <i>Acta Neuropathologica</i> , 2012 , 124, 615-25	295
992	Prevalence, clinico-pathological value, and co-occurrence of PDGFRA abnormalities in diffuse gliomas. 2012 , 14, 1393-403	31
991	Clinicopathologic features of intracranial central neurocytomas in 2 dogs. 2012 , 26, 186-91	8

990	Nuclear exclusion of TET1 is associated with loss of 5-hydroxymethylcytosine in IDH1 wild-type gliomas. 2012 , 181, 675-83	83
989	Longitudinal evaluation of MPIO-labeled stem cell biodistribution in glioblastoma using high resolution and contrast-enhanced MR imaging at 14.1 tesla. 2012 , 14, 1050-61	14
988	Temozolomide versus standard 6-week radiotherapy versus hypofractionated radiotherapy in patients older than 60 years with glioblastoma: the Nordic randomised, phase 3 trial. 2012 , 13, 916-26	840
987	Matching mice to malignancy: molecular subgroups and models of medulloblastoma. 2012 , 28, 521-32	18
986	Temozolomide chemotherapy alone versus radiotherapy alone for malignant astrocytoma in the elderly: the NOA-08 randomised, phase 3 trial. 2012 , 13, 707-15	792
985	Pathology: commonly monitored glioblastoma markers: EFGR, EGFRvIII, PTEN, and MGMT. 2012 , 23, 237-46, viii	20
984	Detection of "oncometabolite" 2-hydroxyglutarate by magnetic resonance analysis as a biomarker of IDH1/2 mutations in glioma. 2012 , 90, 1161-1171	70
983	[Radiological diagnostics of spinal tumors. Part 2: special diagnostics of intradural tumors and tumor-like lesions]. 2012 , 41, 608-17	6
982	Radiologically typical pilocytic astrocytoma with histopathological signs of atypia. 2012 , 28, 1791-4	1
981	LIN28A immunoreactivity is a potent diagnostic marker of embryonal tumor with multilayered rosettes (ETMR). <i>Acta Neuropathologica</i> , 2012 , 124, 875-81	87
980	MR imaging findings of extraventricular neurocytoma: a series of ten patients confirmed by immunohistochemistry of IDH1 gene mutation. 2012 , 154, 1973-79; discussion 1980	19
979	An exploratory analysis of common genetic variants in the vitamin D pathway including	
	genome-wide associated variants in relation to glioma risk and outcome. 2012 , 23, 1443-9	32
978	Identification of a novel population in high-grade oligodendroglial tumors not deleted on 1p/19q using array CGH. 2012 , 109, 405-13	10
978 977	Identification of a novel population in high-grade oligodendroglial tumors not deleted on 1p/19q	
	Identification of a novel population in high-grade oligodendroglial tumors not deleted on 1p/19q using array CGH. 2012 , 109, 405-13 DNA copy number alterations in central primitive neuroectodermal tumors and tumors of the	10
977	Identification of a novel population in high-grade oligodendroglial tumors not deleted on 1p/19q using array CGH. 2012, 109, 405-13 DNA copy number alterations in central primitive neuroectodermal tumors and tumors of the pineal region: an international individual patient data meta-analysis. 2012, 109, 415-23 Analysis of NADP+-dependent isocitrate dehydrogenase-1/2 gene mutations in pediatric brain	10
977 976	Identification of a novel population in high-grade oligodendroglial tumors not deleted on 1p/19q using array CGH. 2012, 109, 405-13 DNA copy number alterations in central primitive neuroectodermal tumors and tumors of the pineal region: an international individual patient data meta-analysis. 2012, 109, 415-23 Analysis of NADP+-dependent isocitrate dehydrogenase-1/2 gene mutations in pediatric brain tumors: report of a secondary anaplastic astrocytoma carrying the IDH1 mutation. 2012, 109, 477-84	10 12 11

972	Overexpression of Golgi phosphoprotein-3 (GOLPH3) in glioblastoma multiforme is associated with worse prognosis. 2012 , 110, 195-203	49
971	Refractory temporal lobe epilepsy caused by angiocentric glioma complicated with focal cortical dysplasia: a surgical case series. 2012 , 110, 375-80	12
970	Cryo-image analysis of tumor cell migration, invasion, and dispersal in a mouse xenograft model of human glioblastoma multiforme. 2012 , 14, 572-83	15
969	Methylome alterations "mark" new therapeutic opportunities in glioblastoma. 2012 , 22, 417-8	8
968	Glioma stem cell invasion through regulation of the interconnected ERK, integrin 8 and N-cadherin signaling pathway. 2012 , 24, 2076-84	39
967	Identification of primary tumors of brain metastases by Raman imaging and support vector machines. 2012 , 117, 224-232	60
966	GLTSCR2 contributes to the death resistance and invasiveness of hypoxia-selected cancer cells. 2012 , 586, 3435-40	8
965	Drug delivery strategies for the treatment of malignant gliomas. 2012 , 436, 299-310	79
964	Glioblastoma heterogeneity and more accurate representation in research models. 2012 , 78, 594-6	4
963	Low-grade glioma surgery in eloquent areas: volumetric analysis of extent of resection and its impact on overall survival. A single-institution experience in 190 patients: clinical article. 2012 , 117, 1039-52	203
963 962		203
	impact on overall survival. A single-institution experience in 190 patients: clinical article. 2012 , 117, 1039-52	203
962	impact on overall survival. A single-institution experience in 190 patients: clinical article. 2012 , 117, 1039-52 Terapie molecolari mirate e antiangiogeniche nel trattamento dei glioblastomi. 2012 , 12, 1-14	
962 961	impact on overall survival. A single-institution experience in 190 patients: clinical article. 2012, 117, 1039-52 Terapie molecolari mirate e antiangiogeniche nel trattamento dei glioblastomi. 2012, 12, 1-14 IDH mutations in human glioma. 2012, 23, 471-80 5-aminolevulinic acid and neuronavigation in high-grade glioma surgery: results of a combined	42
962 961 960	impact on overall survival. A single-institution experience in 190 patients: clinical article. 2012, 117, 1039-52 Terapie molecolari mirate e antiangiogeniche nel trattamento dei glioblastomi. 2012, 12, 1-14 IDH mutations in human glioma. 2012, 23, 471-80 5-aminolevulinic acid and neuronavigation in high-grade glioma surgery: results of a combined approach. 2012, 23, 23-8 Peptide-pulsed dendritic cell vaccination targeting interleukin-13 receptor 2 chain in recurrent	42 32
962961960959	impact on overall survival. A single-institution experience in 190 patients: clinical article. 2012, 117, 1039-52 Terapie molecolari mirate e antiangiogeniche nel trattamento dei glioblastomi. 2012, 12, 1-14 IDH mutations in human glioma. 2012, 23, 471-80 5-aminolevulinic acid and neuronavigation in high-grade glioma surgery: results of a combined approach. 2012, 23, 23-8 Peptide-pulsed dendritic cell vaccination targeting interleukin-13 receptor Chain in recurrent malignant glioma patients with HLA-A*24/A*02 allele. 2012, 14, 733-42	42 32 37
962961960959958	impact on overall survival. A single-institution experience in 190 patients: clinical article. 2012, 117, 1039-52 Terapie molecolari mirate e antiangiogeniche nel trattamento dei glioblastomi. 2012, 12, 1-14 IDH mutations in human glioma. 2012, 23, 471-80 5-aminolevulinic acid and neuronavigation in high-grade glioma surgery: results of a combined approach. 2012, 23, 23-8 Peptide-pulsed dendritic cell vaccination targeting interleukin-13 receptor ⊋ chain in recurrent malignant glioma patients with HLA-A*24/A*02 allele. 2012, 14, 733-42 Wnt activation is implicated in glioblastoma radioresistance. 2012, 92, 466-73 CCND1 G870A polymorphism with altered cyclin D1 transcripts expression is associated with the	42 32 37 122

954	Choroid plexus tumors in pediatric patients. 2012 , 26, 32-7	53
953	Advances in optical biopsycorrelation of malignancy and cell density of primary brain tumors using Raman microspectroscopic imaging. 2012 , 137, 5533-7	57
952	Bevacizumab for the treatment of high-grade glioma. 2012 , 12, 1101-11	19
951	NICE guidance on the use of carmustine wafers in high grade gliomas: a national study on variation in practice. 2012 , 26, 331-5	12
950	Clinical and molecular characteristics of congenital glioblastoma. 2012 , 14, 931-41	35
949	Intracranial meningeal hemangiopericytomas in children and adolescents: CT and MR imaging findings. 2012 , 33, 195-9	21
948	High-field magnetic resonance imaging for epilepsy. 2012 , 22, 173-89, ix-x	17
947	Mer receptor tyrosine kinase inhibition impedes glioblastoma multiforme migration and alters cellular morphology. 2012 , 31, 4171-81	52
946	Sparc-like protein 1 is a new marker of human glioma progression. 2012 , 11, 5011-21	29
945	Long-term follow-up in adult patients with low-grade glioma (WHO II) postoperatively irradiated. Analysis of prognostic factors. 2012 , 17, 141-5	10
944	Systematic review and case series of neuropsychological functioning after epilepsy surgery in children with dysembryoplastic neuroepithelial tumors (DNET). 2012 , 23, 481-6	12
943	IDH mutation and neuroglial developmental features define clinically distinct subclasses of lower grade diffuse astrocytic glioma. 2012 , 18, 2490-501	108
942	Cadherin-11, a marker of the mesenchymal phenotype, regulates glioblastoma cell migration and survival in vivo. 2012 , 10, 293-304	50
941	Brain tumors in children. 2012 , 42, 80-103	45
940	Prognostic value of the TP53 Arg72Pro single-nucleotide polymorphism and susceptibility to medulloblastoma in a cohort of Brazilian patients. 2012 , 110, 49-57	7
939	Antiproliferative activity of trans-avicennol from Zanthoxylum chiloperone var. angustifolium against human cancer stem cells. 2012 , 75, 257-61	9
938	Randomized study of two chemotherapy regimens for treatment of low-grade glioma in young children: a report from the Children's Oncology Group. 2012 , 30, 2641-7	265
937	Targeting Stat3 suppresses growth of U251 cell-derived tumours in nude mice. 2012 , 19, 443-6	8

936	MRI features in children with desmoplastic medulloblastoma. 2012 , 19, 281-5	14
935	Downregulation of PCDH9 predicts prognosis for patients with glioma. 2012 , 19, 541-5	36
934	Clinical presentation and outcome of patients with intradural spinal cord tumours. 2012 , 19, 262-6	15
933	Central neurocytoma. 2012 , 19, 849-53	36
932	Quantitative analysis of neovascular permeability in glioma by dynamic contrast-enhanced MR imaging. 2012 , 19, 820-3	41
931	A clinicopathological study of the significance of the proportion of choroid morphology in chordoid meningioma. 2012 , 19, 836-43	10
930	Rosette-forming glioneuronal tumour of the lateral ventricle in a patient with neurofibromatosis 1. 2012 , 19, 1180-1	17
929	Quantitative proteomic Isotope-Coded Protein Label (ICPL) analysis reveals alteration of several functional processes in the glioblastoma. 2012 , 75, 3898-913	33
928	Genetically engineered mouse models of diffuse gliomas. 2012 , 88, 72-9	18
927	Neuroradiological findings and clinical features of fourth-ventricular meningioma: a study of 10 cases. 2012 , 67, 455-60	9
926	Multidisciplinary management of intracranial ependymoma. 2012 , 36, 6-19	13
925	Immunomodulatory role of TIITS in respect to cytotoxic lymphocytes in four grades of human glioma. 2012 , 276, 176-86	6
924	Fluorescence and image guided resection in high grade glioma. 2012, 114, 37-41	70
923	Kinesin family member 2C (KIF2C/MCAK) is a novel marker for prognosis in human gliomas. 2012 , 114, 356-60	59
922	Atypical meningiomasa case series. 2012 , 114, 699-702	13
921	Intrathecal large granular lymphocytes as an unusual presentation of a small cell T cell lymphoma. 2012 , 114, 1102-3	
920	The assessment of prognostic factors in surgical treatment of low-grade gliomas: a prospective study. 2012 , 114, 1135-44	44
919	Cerebral ganglioneuroblastoma of adult onset: two patients and a review of the literature. 2012 , 114, 529-34	11

918	Epidemiology of glial and non-glial brain tumours in Europe. 2012 , 48, 1532-42	212
917	Low field MR imaging of sellar and parasellar lesions: experience in a developing country hospital. 2012 , 81, e139-46	9
916	An analysis of the magnetic resonance imaging and pathology of intracal lymphoplasmacyte-rich meningioma. 2012 , 81, 968-73	23
915	Role of perfusion-weighted imaging at 3T in the histopathological differentiation between astrocytic and oligodendroglial tumors. 2012 , 81, 1863-9	36
914	Glioblastoma research 2006-2010: pattern of citation and systematic review of highly cited articles. 2012 , 114, 1207-10	12
913	Transcriptional profiling of human glioblastoma vessels indicates a key role of VEGF-A and TGF2 in vascular abnormalization. 2012 , 228, 378-90	103
912	Location, location, location-gene expression studies of brainstem ganglioglioma: a rare tumor in a very rare location. 2012 , 59, 1153-4	4
911	Oncolytic viruses in the therapy of gliomas. 2012 , 46, 780-789	3
910	Non-negative matrix factorisation methods for the spectral decomposition of MRS data from human brain tumours. 2012 , 13, 38	23
909	MGMT, GATA6, CD81, DR4, and CASP8 gene promoter methylation in glioblastoma. 2012 , 12, 218	46
908	Atypical primary meningioma in the nasal septum with malignant transformation and distant metastasis. 2012 , 12, 275	14
907	Hype-1 polarized dendritic cell-based vaccination in recurrent high-grade glioma: a phase I clinical trial. 2012 , 12, 623	58
906	Inhibition of HSP27 alone or in combination with pAKT inhibition as therapeutic approaches to target SPARC-induced glioma cell survival. 2012 , 11, 20	27
905	Regulation of Kir4.1 expression in astrocytes and astrocytic tumors: a role for interleukin-1 [2012 , 9, 280	42
904	Rosette-forming glioneuronal tumour: imaging features, histopathological correlation and a comprehensive review of literature. 2012 , 26, 668-73	30
903	Expression and roles of Wilms' tumor 1-associating protein in glioblastoma. 2012 , 103, 2102-9	72
902	Transcription factor PROX1: its role in development and cancer. 2012 , 31, 793-805	89
901	Epigenetic Alterations in Glioblastoma Multiforme. 2012 , 71-90	1

900	Osteopontin increases heme oxygenase-1 expression and subsequently induces cell migration and invasion in glioma cells. 2012 , 14, 1367-78	52
899	GSK3Iregulates Bcl2L12 and Bcl2L12A anti-apoptosis signaling in glioblastoma and is inhibited by LiCl. 2012 , 11, 532-42	25
898	ALDH1A1 is a marker of astrocytic differentiation during brain development and correlates with better survival in glioblastoma patients. 2012 , 22, 788-97	39
897	Nestin expression identifies ependymoma patients with poor outcome. 2012 , 22, 848-60	34
896	Frequent BRAF gain in low-grade diffuse gliomas with 1p/19q loss. 2012 , 22, 834-40	31
895	Glioblastoma multiforme: Molecular characterization and current treatment strategy (Review). 2012 , 3, 9-14	60
894	Application of Carbon Nanotubes to Brain Tumor Therapy. 2012,	1
893	Co-deletion of chromosome 1p/19q and IDH1/2 mutation in glioma subsets of brain tumors in Chinese patients. 2012 , 7, e32764	38
892	Overview of primary brain tumors: pathologic classification, epidemiology, molecular biology, and prognostic markers. 2012 , 26, 715-32	22
891	Infiltration of glioma cells in brain parenchyma stimulated by radiation in the F98/Fischer rat model. 2012 , 88, 565-74	37
890	Glioblastoma biomarkers from bench to bedside: advances and challenges. 2012 , 26, 189-94	17
889	Molecular subgroups of medulloblastoma. 2012 , 12, 871-84	103
888	Atypical and Malignant Meningiomas. 2012 , 733-745	
887	Meningioma Tumors: Detection of Subgroups. 2012 , 101-110	
886	Bex2 regulates cell proliferation and apoptosis in malignant glioma cells via the c-Jun NH2-terminal kinase pathway. 2012 , 427, 574-80	20
885	Elevated chemokine CC-motif receptor-like 2 (CCRL2) promotes cell migration and invasion in glioblastoma. 2012 , 429, 168-72	20
884	The status of the art of human malignant glioma management: the promising role of targeting tumor-initiating cells. 2012 , 17, 1103-10	42
883	Thirty-nine cases of intracranial hemangiopericytoma and anaplastic hemangiopericytoma: a retrospective review of MRI features and pathological findings. 2012 , 81, 3504-10	35

(2012-2012)

882	generation of reactive oxygen species and induction of ERK1/2 MAPK. 2012 , 263, 73-80	15
881	Hyperpolarized 13C MR spectroscopic imaging can be used to monitor Everolimus treatment in vivo in an orthotopic rodent model of glioblastoma. 2012 , 59, 193-201	85
880	The application of Fourier transform infrared microspectroscopy for the study of diseased central nervous system tissue. 2012 , 59, 3624-40	74
879	Studying cerebral perfusion using magnetic susceptibility techniques: Technique and applications. 2012 , 54, 208-220	5
878	Magnetic resonance imaging of infratentorial anaplastic ependymoma in children. 2012, 54, 59-64	2
877	Plexin-B1: a potential diagnostic biomarker for glioma and a future target for glioma immunotherapy. 2012 , 252, 113-7	6
876	Prognostic factors and treatment options for paediatric ependymomas. 2012 , 19, 1228-35	15
875	Downregulation of protein kinase CK2 induces autophagic cell death through modulation of the mTOR and MAPK signaling pathways in human glioblastoma cells. 2012 , 41, 1967-76	45
874	Correlation of 18F-FLT uptake with tumor grade and Ki-67 immunohistochemistry in patients with newly diagnosed and recurrent gliomas. 2012 , 53, 1911-5	51
873	[Guidelines for adult diffuse gliomas WHO grade II, III and IV: pathology and biology. Socit franc[aise de neuropathologie. Rseau de neuro-oncologie pathologique]. 2012 , 32, 318-27	7
872	Imaging of Pediatric Brain and Spinal Cord Tumors. 2012 , 203-214	2
871	Performance of 18F-fluoro-ethyl-tyrosine (18F-FET) PET for the differential diagnosis of primary brain tumor: a systematic review and Metaanalysis. 2012 , 53, 207-14	184
870	Pediatric Medulloblastoma: Mechanisms of Initiation and Progression. 2012 , 81-91	
869	Central Nervous System Tumors. 2012, 161-186	
868	(99m)Tc-MAG3-aptamer for imaging human tumors associated with high level of matrix metalloprotease-9. 2012 , 23, 2192-200	36
867	Meningiomas, nerve sheath tumors, and pituitary tumors: diagnosis and treatment. 2012 , 26, 855-79	2
866	Characterization of ectonucleotidases in human medulloblastoma cell lines: ecto-5'NT/CD73 in metastasis as potential prognostic factor. 2012 , 7, e47468	25
865	Primary human glioblastomas - prognostic value of clinical and histopathological parameters. 2012 , 31, 361-8	10

864	The spectrum of vaccine therapies for patients with glioblastoma multiforme. 2012 , 13, 437-50	16
863	A preliminary study on the expression of tumor-associated glycoprotein-72 in human gliomas. 2012 , 29, 2027-31	2
862	Overexpression of a disintegrin and metalloprotease 8 in human gliomas is implicated in tumor progression and prognosis. 2012 , 29, 2032-7	11
861	Increased expression of matrix metalloproteinase-13 in glioma is associated with poor overall survival of patients. 2012 , 29, 2432-7	21
860	Tumor microRNA-335 expression is associated with poor prognosis in human glioma. 2012 , 29, 3472-7	43
859	Increased expression of FAT10 is correlated with progression and prognosis of human glioma. 2012 , 18, 833-9	19
858	Update on molecular and genetic alterations in adult medulloblastoma. 2012 , 5, 228-232	22
857	RANK (TNFRSF11A) is epigenetically inactivated and induces apoptosis in gliomas. 2012 , 14, 526-34	17
856	Tumors of the Central Nervous System, Volume 7. 2012 ,	1
855	Tumors of the Central Nervous System, Volume 4. 2012 ,	1
854	Applying a patient-specific bio-mathematical model of glioma growth to develop virtual [18F]-FMISO-PET images. 2012 , 29, 31-48	39
853	Rosette-forming glioneuronal tumor of the fourth ventricle. 2012 , 39, 129-30	8
852	Meningeal leukemia in acute lymphoblastic leukemia revealed by an intracranial mass. 2012 , 39, 130-2	3
851	Downregulation of PRDX1 by promoter hypermethylation is frequent in 1p/19q-deleted oligodendroglial tumours and increases radio- and chemosensitivity of Hs683 glioma cells in vitro. 2012 , 31, 3409-18	32
850	Tumors of the Central Nervous System, Volume 8. 2012 ,	1
849	Abstracts of the 2012 International Conference of Neurological Disorder, from Molecular Neurobiology to Clinical Therapy. September 26-29, 2012. Wuhan China. 2012 , 46 Suppl 1, S1-99	2
848	Time-Resolved Laser Induced Fluorescence Spectroscopy (TRLIFS): A Tool for Intra-operative Diagnosis of Brain Tumors and Maximizing Extent of Surgical Resection. 2012 , 161-172	

846	Anaplastic gliomas: radiation, chemotherapy, or both?. 2012 , 26, 811-23	5
845	Cortical malformations. 2012 , 108, 535-57	7
844	Recent advances in brain tumor-targeted nano-drug delivery systems. 2012, 9, 671-86	120
843	The role of avastin in the management of recurrent glioblastoma. 2012 , 23, 331-41, x	11
842	CBTRUS statistical report: primary brain and central nervous system tumors diagnosed in the United States in 2005-2009. 2012 , 14 Suppl 5, v1-49	1244
841	Tumors of the Central Nervous System, Volume 5. 2012 ,	
840	RAF Fusion Genes and MAPK Activation in Pilocytic Astrocytomas. 2012, 99-105	
839	Epilepsy-Associated Brain Tumors: Diagnosis Using Magnetic Resonance Imaging. 2012 , 211-218	
838	Intracranial ependymomas. 2012 , 435-449	
837	Proteomic analysis reveals drug accessible cell surface N-glycoproteins of primary and established glioblastoma cell lines. 2012 , 11, 4885-93	19
836	Radiation Oncology. 2012 ,	1
835	Quantitative, spectrally-resolved intraoperative fluorescence imaging. 2012 , 2, 798	83
834	Spontaneous modifications of contrast enhancement in childhood non-cerebellar pilocytic astrocytomas. 2012 , 54, 989-95	36
833	Pediatric Cancer, Volume 3. 2012 ,	
832	Pediatric Cancer, Volume 2. 2012 ,	O
831	Glioblastoma and malignant astrocytoma. 2012 , 384-407	1
830	E series prostaglandins alter the proliferative, apoptotic and migratory properties of T98G human glioma cells in vitro. 2012 , 11, 171	14
829	Decreased expression of LATS1 is correlated with the progression and prognosis of glioma. 2012 , 31, 67	39

828	Rare Tumors In Children and Adolescents. 2012 ,	6
827	Primary pineal melanoma presenting with leptomeningeal spreading in a 22-year-old woman: a case report. 2012 , 6, 165	7
826	Protein phosphatase 2A mediates dormancy of glioblastoma multiforme-derived tumor stem-like cells during hypoxia. 2012 , 7, e30059	47
825	Krppel-like factor 8 (KLF8) is expressed in gliomas of different WHO grades and is essential for tumor cell proliferation. 2012 , 7, e30429	29
824	Downregulation of RKIP is associated with poor outcome and malignant progression in gliomas. 2012 , 7, e30769	46
823	miRNAs expression analysis in paired fresh/frozen and dissected formalin fixed and paraffin embedded glioblastoma using real-time pCR. 2012 , 7, e35596	29
822	Down-regulation of neogenin accelerated glioma progression through promoter Methylation and its overexpression in SHG-44 Induced Apoptosis. 2012 , 7, e38074	19
821	Suppression of glioma progression by Egln3. 2012 , 7, e40053	13
820	Clonal analysis in recurrent astrocytic, oligoastrocytic and oligodendroglial tumors implicates IDH1-mutation as common tumor initiating event. 2012 , 7, e41298	38
819	Amplified and homozygously deleted genes in glioblastoma: impact on gene expression levels. 2012 , 7, e46088	28
818	SNP array analysis reveals novel genomic abnormalities including copy neutral loss of heterozygosity in anaplastic oligodendrogliomas. 2012 , 7, e45950	23
817	Conditional astroglial Rictor overexpression induces malignant glioma in mice. 2012 , 7, e47741	39
816	Convex non-negative matrix factorization for brain tumor delimitation from MRSI data. 2012, 7, e47824	30
815	A radial glia gene marker, fatty acid binding protein 7 (FABP7), is involved in proliferation and invasion of glioblastoma cells. 2012 , 7, e52113	69
814	Multi-analyte network markers for tumor prognosis. 2012 , 7, e52973	18
813	Cyst with a mural nodule tumor of the brain. 2012 , 12, 237-44	32
812	Antiangiogenic therapy for patients with recurrent and newly diagnosed malignant gliomas. 2012 , 2012, 193436	11
811	SPECT and PET imaging of meningiomas. 2012 , 2012, 412580	26

810	Evaluation of the Expression of C-kit (CD117) in Ependymomas and Oligodendrogliomas. 2012, 33, 61-68	4
809	An observational study of the first experience with bevacizumab for the treatment of patients with recurrent high-grade glioma in two belgian university hospitals. 2012 , 2012, 801306	4
808	Surgical Management of Skull Base Meningiomas âlʿAn Overview. 2012 ,	1
807	Pilot study on evaluation of any correlation between MR perfusion (Ktrans) and diffusion (apparent diffusion coefficient) parameters in brain tumors at 3 Tesla. 2012 , 12, 1-6	12
806	Craniopharyngioma in adults. 2012 , 3, 46	52
805	Intermediate pilomyxoid astrocytoma and diencephalic syndrome: imaging findings. 2012 , 10, 236-8	3
804	EGFR and Tumor Suppressor Function in Brain Cancer Development. 2012, 217-225	
803	The Alpha-Lactalbumin/Oleic Acid Complex and Its Cytotoxic Activity. 2012 ,	3
802	Prognostic value of the interval from surgery to initiation of radiation therapy in correlation with some histo-clinical parameters in patients with malignant supratentorial gliomas. 2012 , 16, 34-7	12
801	CD133/CD15 defines distinct cell subpopulations with differential in vitro clonogenic activity and stem cell-related gene expression profile in in vitro propagated glioblastoma multiforme-derived cell line with a PNET-like component. 2012 , 50, 357-68	23
800	Haemangiopericytoma with no dural attachment. 2012 , 2012,	2
799	Efectos cognitivos de la radioterapia en gliomas de bajo grado. 2012 , 8,	1
798	Supratentorial Tumors in the Pediatric Population: Multidisciplinary Management. 2012, 669-683	2
797	Expression of interleukin-8 receptor CXCR2 and suppressor of cytokine signaling-3 in astrocytic tumors. 2012 , 18, 379-88	13
796	Association of p53 Arg72Pro and MDM2 SNP309 polymorphisms with glioma. 2012 , 11, 3618-28	3
795	Different aquaporin-4 expression in glioblastoma multiforme patients with and without seizures. 2012 , 18, 1147-51	15
794	Immunohistochemical Expression of Ki-67, PCNA and CD34 in Astrocytomas: A Clinicopathological Study. 2012 , 27, 368-74	14
793	Kpffer cell haemophagocytosis presenting as fulminant liver failure. 2012 , 44, 659-61	

792	Early Treatment Response of a Rare Papillary Tumor of the Pineal Region after Primary Proton-Beam Therapy using the Raster-Scanning Technique at HIT. 2012 , 98, e122-e125	2
791	RhoA regulates invasion of glioma cells via the c-Jun NH2-terminal kinase pathway under hypoxia. 2012 , 4, 495-500	11
790	Comparison of L1 expression and secretion in glioblastoma and neuroblastoma cells. 2012, 4, 812-816	10
789	A Case of a Primary Radiation-Induced Malignant Peripheral Nerve Sheath Tumor in the Cauda Equina in a Patient with Neurofibromatosis Type 2. 2012 , 02,	
788	The migration and loss of human primordial germ stem cells from the hind gut epithelium towards the gonadal ridge. 2012 , 56, 771-8	75
787	Survival in Patients with Newly Diagnosed Conventional Glioblastoma: A Modified Prognostic Score Based on a Single-Institution Series. 2012 , 98, 756-761	3
786	Imaging characteristics of an unusual, high-grade angiocentric glioma: a case report and review of the literature. 2012 , 6, 1-10	46
785	Molecular biomarkers of glioblastoma: current targets and clinical implications. 2012 , 63	4
7 ⁸ 4	An isolated neurofibromal polyp of the colon. 2012 , 6, 58-62	11
783	Medulloblastoma and primitive neuroectodermal tumors. 2012 , 503-517	
783 782	Medulloblastoma and primitive neuroectodermal tumors. 2012, 503-517 Frequent ATRX, CIC, FUBP1 and IDH1 mutations refine the classification of malignant gliomas. 2012, 3, 709-22	439
	Frequent ATRX, CIC, FUBP1 and IDH1 mutations refine the classification of malignant gliomas. 2012	439
782	Frequent ATRX, CIC, FUBP1 and IDH1 mutations refine the classification of malignant gliomas. 2012 , 3, 709-22	
782 781	Frequent ATRX, CIC, FUBP1 and IDH1 mutations refine the classification of malignant gliomas. 2012, 3, 709-22 Intraparenchymal papillary meningioma of brainstem: case report and literature review. 2012, 10, 10 Concurrent CIC mutations, IDH mutations, and 1p/19q loss distinguish oligodendrogliomas from	24
782 781 780	Frequent ATRX, CIC, FUBP1 and IDH1 mutations refine the classification of malignant gliomas. 2012, 3, 709-22 Intraparenchymal papillary meningioma of brainstem: case report and literature review. 2012, 10, 10 Concurrent CIC mutations, IDH mutations, and 1p/19q loss distinguish oligodendrogliomas from other cancers. 2012, 226, 7-16	24
782 781 780	Frequent ATRX, CIC, FUBP1 and IDH1 mutations refine the classification of malignant gliomas. 2012, 3, 709-22 Intraparenchymal papillary meningioma of brainstem: case report and literature review. 2012, 10, 10 Concurrent CIC mutations, IDH mutations, and 1p/19q loss distinguish oligodendrogliomas from other cancers. 2012, 226, 7-16 REST regulates oncogenic properties of glioblastoma stem cells. 2012, 30, 405-14	24 226 56
782 781 780 779 778	Frequent ATRX, CIC, FUBP1 and IDH1 mutations refine the classification of malignant gliomas. 2012, 3, 709-22 Intraparenchymal papillary meningioma of brainstem: case report and literature review. 2012, 10, 10 Concurrent CIC mutations, IDH mutations, and 1p/19q loss distinguish oligodendrogliomas from other cancers. 2012, 226, 7-16 REST regulates oncogenic properties of glioblastoma stem cells. 2012, 30, 405-14 mGlu Receptors and Cancerous Growth. 2012, 1, 211-220 Differential proteomic analysis of human glioblastoma and neural stem cells reveals HDGF as a	242265625

(2012-2012)

774	Malignant glioma: lessons from genomics, mouse models, and stem cells. 2012 , 149, 36-47	416
773	The epigenetics of brain tumors. 2012 , 863, 139-53	32
772	Receptor tyrosine kinase genes amplified in glioblastoma exhibit a mutual exclusivity in variable proportions reflective of individual tumor heterogeneity. 2012 , 72, 1614-20	90
771	Role of microRNAs in gliomagenesis: targeting miRNAs in glioblastoma multiforme therapy. 2012 , 21, 1475-88	63
770	The MET oncogene is a functional marker of a glioblastoma stem cell subtype. 2012 , 72, 4537-50	104
769	Dissecting the genomic complexity underlying medulloblastoma. 2012 , 488, 100-5	623
768	Emerging insights into the molecular and cellular basis of glioblastoma. 2012 , 26, 756-84	388
767	Single nucleotide polymorphisms of matrix metallopeptidase 3 and risk of gliomas in a Chinese Han population. 2012 , 51 Suppl 1, E1-10	5
766	Follow-up evaluation of radiation-induced DNA damage in CSF disseminated high-grade glioma using phospho-histone H2AX antibody. 2012 , 40, 435-9	1
765	Paladin (X99384) is expressed in the vasculature and shifts from endothelial to vascular smooth muscle cells during mouse development. 2012 , 241, 770-86	11
764	The renal v-ATPase a4 subunit is expressed in specific subtypes of human gliomas. 2012 , 60, 1004-12	18
763	Survival of European patients with central nervous system tumors. 2012 , 131, 173-85	51
762	Frequent epigenetic inactivation of the chaperone SGNE1/7B2 in human gliomas. 2012 , 131, 612-22	8
761	Low values of 5-hydroxymethylcytosine (5hmC), the "sixth base," are associated with anaplasia in human brain tumors. 2012 , 131, 1577-90	118
760	The regulation of cysteine cathepsins and cystatins in human gliomas. 2012 , 131, 1779-89	38
759	The transient receptor potential vanilloid-2 cation channel impairs glioblastoma stem-like cell proliferation and promotes differentiation. 2012 , 131, E1067-77	54
758	Tumor-associated microglia/macrophages enhance the invasion of glioma stem-like cells via TGF-II signaling pathway. 2012 , 189, 444-53	289
757	The aryl hydrocarbon receptor contributes to the proliferation of human medulloblastoma cells. 2012 , 81, 669-78	36

756	Medulloblastoma: a potpourri of distinct entities. Acta Neuropathologica, 2012, 123, 463-4	14.3	2
755	Clinicopathologic prognostic factors in childhood atypical teratoid and rhabdoid tumor of the central nervous system: a multicenter study. 2012 , 118, 3812-21		82
754	Glioblastoma. 2012 , 105, 485-506		13
753	Paediatric and adult malignant glioma: close relatives or distant cousins?. 2012 , 9, 400-13		131
75 ²	Posterior Fossa and Brainstem Tumors in Children. 2012 , 169-185		1
751	Syndecan-1 expression in human glioma is correlated with advanced tumor progression and poor prognosis. 2012 , 39, 8979-85		23
75 ⁰	Targeting DNA repair and the cell cycle in glioblastoma. 2012 , 107, 463-77		28
749	Independent prognostic value of pre-treatment 18-FDG-PET in high-grade gliomas. 2012 , 107, 527-35		41
748	F10 gene hypomethylation, a putative biomarker for glioma prognosis. 2012 , 107, 479-85		8
747	Expression of RECK in endothelial cells of glioma: comparison with CD34 and VEGF expressions. 2012 , 107, 559-64		17
746	Molecular and genetic profiles of radiographically defined de novo meningiomas. 2012, 108, 37-44		2
745	Neurological outcome of childhood brain tumor survivors. 2012 , 108, 153-61		40
744	Immunohistochemical analysis of LRIG proteins in meningiomas: correlation between estrogen receptor status and LRIG expression. 2012 , 108, 435-41		15
743	Papillary tumors of the pineal region: a novel therapeutic option-stereotactic 125iodine brachytherapy. 2012 , 109, 99-104		8
742	Stereotactic radiation therapy for progressive residual pilocytic astrocytomas. 2012 , 109, 129-35		15
741	Atypical and anaplastic meningiomas treated with bevacizumab. 2012 , 109, 187-93		119
740	Pituicytoma: overview of treatment strategies and outcome. 2012 , 15, 227-36		35
739	Temozolomide for pediatric high-grade gliomas. 2012 , 12, 111-3		1

738	Clinical implications of molecular neuropathology and biomarkers for malignant glioma. 2012 , 12, 302-7	20
737	Impact of molecular biology studies on the understanding of brain tumors in childhood. 2012 , 14, 206-12	8
736	Medulloblastoma. 2012 , 14, 416-26	33
735	Recent innovations in the management of low-grade gliomas. 2012 , 14, 369-80	2
734	A case study of a patient with gliosarcoma with an extended survival and spinal cord metastases. 2012 , 62, 391-5	5
733	Cancer-initiating enriched cell lines from human glioblastoma: preparing for drug discovery assays. 2012 , 8, 288-98	9
732	TâlF-Fluoromisonidazole positron emission tomography may differentiate glioblastoma multiforme from less malignant gliomas. 2012 , 39, 760-70	86
731	Tripartite motif-containing protein 37 is overexpressed in human glioma and its downregulation inhibits human glioma cell growth. 2018 , 11, 502-511	3
730	MMP2 is associated with glioma malignancy and patient outcome. 2018 , 11, 3010-3018	4
729	Over-expression of TOP2A as a prognostic biomarker in patients with glioma. 2018 , 11, 1228-1237	2
728	miR-505 functions as a tumor suppressor in glioma by targeting insulin like growth factor 1 receptor expression. 2018 , 11, 4405-4413	5
727	Identification of biomarkers for the transition from low-grade glioma to secondary glioblastoma by an integrated bioinformatic analysis. 2020 , 12, 1222-1238	2
726	Newly Diagnosed Glioblastoma: A Review on Clinical Management. 2019 , 33, 91-100	35
725	[Clinical effect of surgery combined with chemotherapy and radiotherapy in children with central primitive neuroectodermal tumor and prognostic analysis]. 2020 , 22, 589-594	
724	Whole-transcriptome sequencing profiling identifies functional and prognostic signatures in patients with PTPRZ1-MET fusion-negative secondary glioblastoma multiforme. 2020 , 20, 187	
723	Atypical teratoid rhabdoid tumor (AT/RT) at the cerebellopontine angle arising from acoustic nerve with facial nerve palsy: report of a case. 2020 , 13, 2377-2380	
722	Interaction network of immune-associated genes affecting the prognosis of patients with glioblastoma. 2021 , 21, 61	
721	CircularRNA circPARP4 promotes glioblastoma progression through sponging miR-125a-5p and regulating FUT4. 2021 , 11, 138-156	5

720	ENDOSCOPIC ASSISTED, TRANSFONTANELLE EXCISION OF A LARGE THIRD VENTRICULAR ATYPICAL CHOROID PLEXUS PAPILLOMA IN AN INFANT. 2018 , 8, 136-150	
719	[Survival of children with recurrent medulloblastoma undergoing sequential therapy: an analysis of 101 cases]. 2021 , 23, 164-168	
718	Clinical application of F-DOPA PET/TC in pediatric patients. 2021 , 11, 64-76	1
717	Intradural Extramedullary Primary Central Nervous System Melanoma of the Craniovertebral Junction during Pregnancy: Observations and Outcomes. 2021 , 12, 198	
716	Gliosarcoma.	
7 ¹ 5	Central nervous system curriculum.	
714	Tac2-N Promotes Glioma Proliferation and Indicates Poor Clinical Outcomes. 2021 , 255, 247-256	0
713	Brain tumor classification using the fused features extracted from expanded tumor region. 2022 , 72, 103356	3
712	circRNA-0002109 promotes glioma malignant progression via modulating the miR-129-5P/EMP2 axis 2022 , 27, 1-15	2
711	Effective Delivery of DNA Octahedron Nanocages Loading Epirubicin by Ultrasound with Microbubbles Improved Therapeutic Effect on Nude Mice Bearing Intracranial Glioblastoma Xenografts. 2021 ,	
710	Cerebellar Liponeurocytoma Mimicking Medulloblastoma: Case Report of a Childhood and Literature Review 2021 , 11, 759581	О
709	GRPEL2 Knockdown Exerts Redox Regulation in Glioblastoma. 2021 , 22,	1
708	Soluble ICAM-1 a Pivotal Communicator between Tumors and Macrophages, Promotes Mesenchymal Shift of Glioblastoma. 2021 , e2102768	2
707	Primary endodermal hemangiopericytoma/solitary fibrous tumor of the cervical spine: a case report and literature review. 2021 , 21, 405	1
706	Increased proliferation is associated with CNS invasion in meningiomas. 2021 , 155, 247-254	1
7 ⁰ 5	Neurosurgery at the crossroads of immunology and nanotechnology. New reality in the COVID-19 pandemic. 2021 , 114033	O
704	CNN3 in glioma: The prognostic factor and a potential immunotherapeutic target. 2021 , 100, e27931	1
703	Oesophageal adenocarcinoma metastasis into a microcystic meningioma: a rare occurrence of tumour to tumour metastasis.	

702	Comprehensive analysis of expression, prognosis and immune infiltration for TIMPs in glioblastoma. 2021 , 21, 447	2
701	Basal Ganglia Germ Cell Tumors With or Without Sellar Involvement: A Long-Term Follow-Up in a Single Medical Center and a Systematic Literature Review. 2021 , 12, 763609	
700	Incidence and spatial distribution of adult-onset primary malignant and other central nervous system tumors in Southern Sardinia, Italy. 2021 , 43, 419	
699	Brain metastases: nanomedicine-boosted diagnosis and treatment. 2021 , 13, 100111	Ο
698	Pediatric pilomyxoid astrocytoma - ophthalmic and neuroradiologic manifestations. 2021 , 112067212110556	520
697	Molecular pathological recognition of freshly excised human glioma using terahertz ATR spectroscopy 2022 , 13, 222-236	1
696	Extraneural recurrence of an intracranial nongerminomatous germ cell tumor to cervical lymph nodes in a pediatric patient: Case report. 2021 , e1586	0
695	Deep Convolutional Neural Network With a Multi-Scale Attention Feature Fusion Module for Segmentation of Multimodal Brain Tumor 2021 , 15, 782968	О
694	Prognostic value of preoperative inflammatory markers among different molecular subtypes of lower-grade glioma. 2021 ,	
693	Dabrafenib plus trametinib in patients with BRAF-mutant low-grade and high-grade glioma (ROAR): a multicentre, open-label, single-arm, phase 2, basket trial. 2021 ,	22
693 692		22
	a multicentre, open-label, single-arm, phase 2, basket trial. 2021 ,	22
692	a multicentre, open-label, single-arm, phase 2, basket trial. 2021 , Rosette-forming glioneuronal tumours: two case reports and a review of the literature 2022 , 8, 20210125 Volumetric measurements are preferred in the evaluation of mutant IDH inhibition in	
692 691	a multicentre, open-label, single-arm, phase 2, basket trial. 2021, Rosette-forming glioneuronal tumours: two case reports and a review of the literature 2022, 8, 20210125 Volumetric measurements are preferred in the evaluation of mutant IDH inhibition in non-enhancing diffuse gliomas: Evidence from a phase I trial of Ivosidenib. 2021, Isolated headache is not a reliable indicator for brain cancer: the 2-week wait pathway for	2
692 691 690	a multicentre, open-label, single-arm, phase 2, basket trial. 2021, Rosette-forming glioneuronal tumours: two case reports and a review of the literature 2022, 8, 20210125 Volumetric measurements are preferred in the evaluation of mutant IDH inhibition in non-enhancing diffuse gliomas: Evidence from a phase I trial of Ivosidenib. 2021, Isolated headache is not a reliable indicator for brain cancer: the 2-week wait pathway for suspected CNS malignancies. 2021, 21, e648-e655	2
692 691 690	a multicentre, open-label, single-arm, phase 2, basket trial. 2021, Rosette-forming glioneuronal tumours: two case reports and a review of the literature 2022, 8, 20210125 Volumetric measurements are preferred in the evaluation of mutant IDH inhibition in non-enhancing diffuse gliomas: Evidence from a phase I trial of Ivosidenib. 2021, Isolated headache is not a reliable indicator for brain cancer: the 2-week wait pathway for suspected CNS malignancies. 2021, 21, e648-e655 miRNA-148b and its role in various cancers. 2021, 13, 1939-1960	2 1 3
692 691 690 689	a multicentre, open-label, single-arm, phase 2, basket trial. 2021, Rosette-forming glioneuronal tumours: two case reports and a review of the literature 2022, 8, 20210125 Volumetric measurements are preferred in the evaluation of mutant IDH inhibition in non-enhancing diffuse gliomas: Evidence from a phase I trial of Ivosidenib. 2021, Isolated headache is not a reliable indicator for brain cancer: the 2-week wait pathway for suspected CNS malignancies. 2021, 21, e648-e655 miRNA-148b and its role in various cancers. 2021, 13, 1939-1960 Task-Based Presurgical Functional MRI in Patients with Brain Tumors. 2022, 121-195 Downregulation of SFRP2 facilitates cancer stemness and radioresistance of glioma cells via	2 1 3

684 Diffuse brainstem gliomas.

683	Childhood Brain Tumors. 2013, 34, 63-78	1
682	A Machine Learning Approach in Medical Image Analysis for Brain Tumor Detection. 2020 , 127-135	
681	Nerventumoren. 2021 , 339-358	
680	Hirntumoren. 2021 , 1-9	
679	Prostate Apoptosis Response-4: a Therapeutic Target for Malignant Gliomas. 2021 , 77-111	
678	Malignant pinealoma observed in the deep cerebral parenchyma of a male Wistar rat 2022, 35, 117-121	
677	Impacts of genotypic variants on survival following reoperation for recurrent glioblastoma 2022 , 156, 353	O
676	The ALDH Family Contributes to Immunocyte Infiltration, Proliferation and Epithelial-Mesenchymal Transformation in Glioma 2021 , 12, 756606	4
675	Early atypical malignant transformation of diffuse low-grade astrocytoma: The importance of genotyping 2022 , 33, 31-34	
674	Immune tumoral microenvironment in gliomas: focus on CD3 T cells, VII T cells, and microglia/macrophages 2022 , 1	
673	Primary intraventricular gliosarcoma on MRI: A challenging diagnosis 2022 , 17, 685-689	O
672	Childhood brainstem gliomas: A non-aggressive management. 2022 , 28, 101488	
671	Pilomyxoid astrocytoma.	
670	An efficient Hadoop-based brain tumor detection framework using big data analytic. 2022 , 52, 805-818	O
669	Whole-transcriptome sequencing profiling identifies functional and prognostic signatures in patients with PTPRZ1-MET fusion-negative secondary glioblastoma multiforme. 2020 , 20, 1-1	1
668	Comprehensively investigating the expression levels and the prognostic role of transforming growth factor beta-induced (TGFBI) in glioblastoma multiforme 2020 , 9, 6487-6504	1
667	Interaction network of immune-associated genes affecting the prognosis of patients with glioblastoma. 2020 , 21, 61	O

666	F18-FET PET in pediatric brain tumors: integrative analysis of image derived parameters and clinico-pathological data. 2020 ,	1
665	Intradural Extramedullary Primary Central Nervous System Melanoma of the Craniovertebral Junction during Pregnancy: Observations and Outcomes. 2021 , 12, 198	
664	Fully-Automatic Segmentation of Gliomas using MR Images. 2021,	
663	Imaging Features and Pathological Correlation in Mixed Microcystic and Angiomatous Meningioma: A Case Report. 83,	1
662	Sex Differences in Glioblastoma-Findings from the Swedish National Quality Registry for Primary Brain Tumors between 1999-2018 2022 , 11,	O
661	Short-term and long-term changes in seizure frequency and neurocognitive status in pediatric patients after surgery for mixed neuronal-glial brain tumors. 2022 , 13, 339-348	
660	Hybrid Nanoparticles as Theranostics Platforms for Glioblastoma Treatment: Phototherapeutic and X-ray Phase Contrast Tomography Investigations. 2022 , 3, 1-17	
659	Extraventricular neurocytoma 2022 , 12, e2021348	0
658	Central Role of C2H2-Type Zinc Finger-Containing Genes in Pediatric Brain Tumors. 2022 , 2, 1-21	
657	Sarcomatous Change of Cerebellopontine Angle Ependymoma Following Radiosurgery: A Case Report 2022 , 14, e20864	
656	Magnetic Resonance Imaging in the Contemporary Management of Medulloblastoma: Current and Emerging Applications 2022 , 2423, 187-214	1
655	The Role of Neurosurgery in Global Health Oncology. 2022 , 67-85	
654	Identification of an m6A RNA Methylation Regulator Risk Score Model for Prediction of Clinical Prognosis in Astrocytoma 2022 , 2022, 7168929	0
653	Preoperative Contrast-Enhanced MRI in Differentiating Glioblastoma From Low-Grade Gliomas in The Cancer Imaging Archive Database: A Proof-of-Concept Study 2021 , 11, 761359	O
652	Pediatric spinal cord diffuse midline glioma, H3 K27-altered with intracranial and spinal leptomeningeal spread: A case report 2022 , 19714009211067402	0
651	Preoperative Stereotactic Radiosurgery for Glioblastoma 2022 , 11,	0
650	Local and Systemic Therapy of Recurrent Medulloblastomas in Children and Adolescents: Results of the P-HIT-REZ 2005 Study 2022 , 14,	0
649	Inhibiting CK2 among Promising Therapeutic Strategies for Gliomas and Several Other Neoplasms 2022 , 14,	O

648	Long-term effectiveness of Gliadel implant for malignant glioma and prognostic factors for survival: 3-year results of a postmarketing surveillance in Japan 2022 , 4, vdab189	O
647	Pineal Region Tumors in Pediatric Patients. 2022 , 345-369	
646	Validated method for automated glioma diagnosis from GFAP immunohistological images: a complete pipeline.	
645	The evolution of pleomorphic xanthoastrocytoma: from genesis to molecular alterations and mimics 2022 ,	
644	Analysis of Factors Affecting 5-ALA Fluorescence Intensity in Visualizing Glial Tumor Cells-Literature Review 2022 , 23,	2
643	Ceramide Composition in Exosomes for Characterization of Glioblastoma Stem-Like Cell Phenotypes 2021 , 11, 788100	o
642	The Myth of Prometheus in metastatic meningioma to the liver: from craniotomy to hepatectomy 2021 , 62, 351-359	O
641	Oksidatif, Apoptotik ve 目flamatuar Sinyal Yolaklar图erinden C6 Glioblastoma H리relerindeki ML351'in Antiproliferatif Etkileri. 36-42	
640	Embryonal Tumors. 2022 , 249-271	
639	Chordoid Meningioma. Case Report and Review of the Literature 2022 , 25, 1-4	1
638	Introductory Chapter: The Current State of the Treatment of CNS Malignancies.	
637	Regional healthy brain activity, glioma occurrence and symptomatology.	O
636	Diffuse Leptomeningeal Glioneuronal Tumour with 9-Year Follow-Up: Case Report and Review of the Literature 2022 , 12,	0
635	Somatic mitochondrial DNA mutations in different grades of glioma. 2021,	
634	A Systematic Review and Meta-Analysis of Malignant Rhabdoid and Small Cell Undifferentiated Liver Tumors: A Rational for a Uniform Classification 2022 , 14,	
633	Bisdemethoxycurcumin Induces Cell Apoptosis and Inhibits Human Brain Glioblastoma GBM 8401/Cell Xenograft Tumor in Subcutaneous Nude Mice In Vivo 2022 , 23,	1
632	Cancer gene therapies progress in pre and postgenomics era. 2022 , 237-246	
	A case report of a patient with inoperable primary diffuse leptomeningeal melanomatosis treated	

630	Bevacizumab plus irinotecan with or without gamma knife radiosurgery after failure of concurrent chemo-radiotherapy for high-grade glioma 2022 , 156, 541	
629	Large tumour volume reduction of IDH-mutated anaplastic glioma involving the insular region following radiotherapy 2022 , 22, 24	
628	Postoperative epilepsy and survival in glioma patients: a nationwide population-based cohort study from 2009 to 2018 2022 , 157, 71	O
627	Identification of vascular cues contributing to cancer cell stemness and function 2022, 1	1
626	Voxel-level analysis of normalized DSC-PWI time-intensity curves: a potential generalizable approach and its proof of concept in discriminating glioblastoma and metastasis 2022 , 1	1
625	Low-grade gliomas: A single-institute experience. 2022 ,	
624	Long non-coding RNA DLGAP1 antisense RNA 1 accelerates glioma progression via the microRNA-628-5p/DEAD-box helicase 59 pathway 2022 , 77, 100002	
623	Extraventricular Neurocytoma: Clinical Investigation of Heterogenous Prognosis 2022 , 10, 22-28	1
622	Abnormal Schwannoma-like Growth of multiple, multifocal BRAF V600E-positive Glioblastoma in the Interior Acoustic Canal with Leptomeningeal Infiltration: a case report 2022 , 16, 50	1
621	A Survey: Brain Tumor Detection Using MRI Image with Deep Learning Techniques. 2022 , 125-138	O
620	Cirsilineol inhibits cell growth and induces apoptosis in glioma C6 cells via inhibiting MAPK and PI3K/Akt/mTOR signaling pathways. 1	0
619	Malignant glioma subset from actuate 1801: Phase I/II study of 9-ING-41, GSK-3 Inhibitor, monotherapy or combined with chemotherapy for refractory malignancies 2022 , 4, vdac012	O
618	Pretreatment patient-reported cognitive function in patients with diffuse glioma 2022, 164, 703	O
617	The Impact of Brain Invasion Criteria on the Incidence and Distribution of WHO Grade 1, 2 and 3 Meningiomas 2022 ,	О
616	Therapeutic Options for Recurrent Glioblastoma-Efficacy of Talaporfin Sodium Mediated Photodynamic Therapy 2022 , 14,	О
615	Doramectin inhibits glioblastoma cell survival via regulation of autophagy and 2022 , 60,	O
614	Feasability of a Frameless Brain Biopsy System for Companion Animals Using Cone-Beam CT-Based Automated Registration 2021 , 8, 779845	О
613	Cerebellar liponeurocytoma with an unusual metastatic CSF spinal seeding 2022 , 13, 45	

612	5-Aminolevulinic Acid-Guided Resection in Grade III Tumors-A Comparative Cohort Study 2022 , 22,	0
611	A case of adult cerebellar liponeurocytoma with atypical radiological features and long survival with literature review 2022 , 17, 1061-1067	
610	Membrane-Decorated Exosomes for Combination Drug Delivery and Improved Glioma Therapy 2021 ,	1
609	Tyrosine Kinase Inhibitors in Adult Glioblastoma: An (Un)Closed Chapter?. 2021 , 13,	1
608	Role of MicroRNAs in the Development and Progression of the Four Medulloblastoma Subgroups 2021 , 13,	1
607	Deep learningâBased decision support system for multicerebral disease classification and identification. 2022 , 91-122	
606	Ferroptosis in Cancer Progression: Role of Noncoding RNAs 2022 , 18, 1829-1843	3
605	Nuclear medicine therapy of CNS tumors. 2022 ,	
604	A Case of Papillary Glioneuronal Tumor in a 28-Year-Old Woman. 2022, 31, 189-194	
603	Circular RNA circASPM promotes the progression of glioblastoma by acting as a competing endogenous RNA to regulate miR-130b-3p/E2F1 axis 2022 , 13, 1664-1678	o
602	Identification of Four Metabolic Subtypes of Glioma Based on Glycolysis-Cholesterol Synthesis Genes 2022 , 2022, 9448144	1
601	Glioblastoma Microenvironment and Cellular Interactions 2022 , 14,	1
600	Surgical treatment of diffuse and multi-lobes involved glioma with the assistance of a multimodal technique 2022 , 12, 3343	0
599	Prognostic Relevance of Transforming Growth Factor-IReceptor Expression and Signaling in Glioblastoma, Isocitrate Dehydrogenase-Wildtype 2022 ,	o
598	Prognostic Implication of DNA Methylation Signature in Atypical Choroid Plexus Papilloma With Intracranial Dissemination 2022 ,	
597	ZNF655 Promotes the Progression of Glioma Through Transcriptional Regulation of AURKA 2022 , 12, 770013	O
596	Neuroimaging features of angiocentric glioma: A case series and systematic review 2022,	0
595	Effects of the Ketogenic Diet in the Treatment of Gliomas: A Systematic Review 2022 , 14,	1

594	Molecular Pathogenesis of Glioblastoma in Adults and Future Perspectives: A Systematic Review 2022 , 23,	1
593	Machine Learning-Based Analysis of Glioma Grades Reveals Co-Enrichment 2022 , 14,	o
592	Celastrol with a Knockdown of miR-9-2, miR-17 and miR-19 Causes Cell Cycle Changes and Induces Apoptosis and Autophagy in Glioblastoma Multiforme Cells. 2022 , 10, 441	
591	Levels of Coenzyme Q and Several COQ Proteins in Human Astrocytoma Tissues Are Inversely Correlated with Malignancy 2022 , 12,	o
590	Innovating Strategies and Tailored Approaches in Neuro-Oncology 2022, 14,	
589	Electrochemical biosensing of circulating microRNA-21 in cerebrospinal fluid of medulloblastoma patients through target-induced redox signal amplification 2022 , 189, 105	4
588	MUC16 mutation is associated with tumor grade, clinical features, and prognosis in glioma patients.	
5 ⁸ 7	Clinicoradiological and histopathological characteristics and treatment outcomes of cerebral astroblastoma in children: a single-institution experience 2022 , 1-7	
586	Top-down stepwise refinement identifies coding and noncoding RNA-associated epigenetic regulatory maps in malignant glioma 2022 ,	1
585	Survival and Recurrence Outcomes Following Adjuvant Radiotherapy for Grade 2 Intracranial Meningiomas: a 13-year experience in a tertiary-care center 2022 ,	o
584	Identification and Validation of a Novel Three Hub Long Noncoding RNAs With m6A Modification Signature in Low-Grade Gliomas 2022 , 9, 801931	1
583	Preoperative [11C]methionine PET to personalize treatment decisions in patients with lower-grade gliomas 2022 ,	o
582	Chaperone-mediated Autophagy Regulates Cell Growth by Targeting SMAD3 in Glioma 2022, 1	
581	Radiomics Profiling Identifies the Incremental Value of MRI Features beyond Key Molecular Biomarkers for the Risk Stratification of High-Grade Gliomas 2022 , 2022, 8952357	2
580	The Discrepancy Between Standard Histologic WHO Grading of Meningioma and Molecular Profile: A Single Institution Series 2022 , 12, 846232	0
579	Utility of multimodality molecular profiling for pediatric patients with central nervous system tumors 2022 , 4, vdac031	
578	Executive summary of american radium society's appropriate use criteria for the postoperative management of lower grade gliomas 2022 ,	0
577	Luminescent Pyrrole-based Phosphaphenalene Gold Complexes: A Versatile Anticancer Tool with a Wide Applicability 2022 ,	1

576	with right hemiplegia, mixed aphasia and optic atrophy post surgical removal of be-nign intraventricular tumor (central neurocytoma). 2022 , 486	
575	The impact of resection in IDH-mutant WHO grade 2 gliomas: a retrospective population-based parallel cohort study 2022 , 1-8	O
574	A novel stimuli-responsive magnetic hydrogel based on nature-inspired tragacanth gum for chemo/hyperthermia treatment of cancerous cells. 2022 , 29, 1	2
573	MicorRNA-195 links long non-coding RNA SEMA3B antisense RNA 1 (head to head) and cyclin D1 to regulate the proliferation of glioblastoma cells 2022 ,	1
572	The Utility of Conventional Amino Acid PET Radiotracers in the Evaluation of Glioma Recurrence also in Comparison with MRI 2022 , 12,	1
571	Tenascin-C can Serve as an Indicator for the Immunosuppressive Microenvironment of Diffuse Low-Grade Gliomas 2022 , 13, 824586	Ο
570	Identification of a five-gene signature deriving from the vacuolar ATPase (V-ATPase) sub-classifies gliomas and decides prognoses and immune microenvironment alterations 2022 , 1-22	0
569	Craniopharyngioma and Metabolic Syndrome: A 5-Year Follow-Up Single-Center Experience 2022 , 13, 783737	
568	Hemodynamic Imaging in Cerebral Diffuse Glioma-Part A: Concept, Differential Diagnosis and Tumor Grading 2022 , 14,	2
567	Diffusion tensor imaging in glioblastoma patients treated with volumetric modulated arc radiotherapy: a longitudinal study 2022 , 1-8	
566	Translational Regulation by hnRNP H/F Is Essential for the Proliferation and Survival of Glioblastoma 2022 , 14,	0
565	The Hallmarks of Glioblastoma: Heterogeneity, Intercellular Crosstalk and Molecular Signature of Invasiveness and Progression 2022 , 10,	5
564	Network analysis shows decreased ipsilesional structural connectivity in glioma patients 2022 , 5, 258	O
563	Migratory enhancement in brain MRI of rosette-forming glioneuronal tumour over 11 years 2022 , 1	
562	Malignant Pineal Parenchymal Tumors in Adults: A National Cancer Database Analysis 2022, 90,	1
561	Determining the applicability of the RSNA radiology lexicon (RadLex) in high-grade glioma MRI reporting-a preliminary study on 20 consecutive cases with newly diagnosed glioblastoma 2022 , 22, 53	O
560	Clinical presentation, diagnostic findings and outcome of dogs undergoing surgical resection for intracranial meningioma: 101 dogs 2022 , 18, 88	0
559	Aligning the Central Brain Tumor Registry of the United States (CBTRUS) Histology Groupings with Current Definitions.	O

Features of complex therapeutical rehabilitation management with favorable evolution in a patient

558	Insight about the characteristics and surgical resectability of adult pilocytic astrocytoma: tertiary center experience 2022 , CNS81	О
557	Brain tumor segmentation in multimodal MRI images using novel LSIS operator and deep learning. 1	1
556	Characterization of aging tumor microenvironment with drawing implications in predicting the prognosis and immunotherapy response in low-grade gliomas 2022 , 12, 5457	2
555	The Role of Micro RNAs in Regulating PI3K/AKT Signaling Pathways in Glioblastoma 2022 , 17, 122-136	2
554	The 2021 WHO classification of tumors, 5th edition, central nervous system tumors: the 10 basic principles 2022 , 1	3
553	A Pan-Cancer Bioinformatic Analysis of RAD51 Regarding the Values for Diagnosis, Prognosis, and Therapeutic Prediction 2022 , 12, 858756	2
552	Combining Radiology and Pathology for Automatic Glioma Classification 2022, 10, 841958	O
551	Differences in the MRI Signature and ADC Values of Diffuse Midline Gliomas with H3 K27M Mutation Compared to Midline Glioblastomas 2022 , 14,	O
550	Stereotactic Radiotherapy for Benign Skull Base Tumors.	
549	Silencing of lncRNA CHRM3-AS2 Expression Exerts Anti-Tumour Effects Against Glioma Targeting microRNA-370-5p/KLF4 2022 , 12, 856381	O
548	Overexpression of prothymosin-alpha in glioma is associated with tumor aggressiveness and poor prognosis 2022 ,	O
547	Dynamic susceptibility-contrast magnetic resonance imaging with contrast agent leakage correction aids in predicting grade in pediatric brain tumours: a multicenter study 2022 , 1	O
546	A simple agent-based model to simulate 3D tumor-induced angiogenesis considering the evolution of the hypoxic conditions of the cells. 1	1
545	Differentiating solitary brain metastases from glioblastoma by radiomics features derived from MRI and 18F-FDG-PET and the combined application of multiple models 2022 , 12, 5722	3
544	Cerebrovascular Dysregulation in Patients with Glioma Assessed with Time-shifted BOLD fMRI 2022 , 212192	0
543	Contributes to TMZ Resistance, Prognosis, and Immune Infiltration in GBM from a Novel Pyroptosis-Associated Risk Signature 2022 , 2022, 4534080	O
542	Expression Analysis, Molecular Characterization and Prognostic Evaluation on TMED4 and TMED9 Gene Expression in Glioma.	
541	RNA Editing in Glioma as a Sexually Dimorphic Prognostic Factor That Affects mRNA Abundance in Fatty Acid Metabolism and Inflammation Pathways 2022 , 11,	

540	Recognition of a Novel Gene Signature for Human Glioblastoma 2022, 23,	О
539	Differences in the Expression Patterns of Isoforms and Associated Genes in Astrocytic Brain Tumors 2022 , 14,	O
538	Glioma Grading Prediction Using Multiparametric Magnetic Resonance Imaging-based Radiomics Combined with Proton Magnetic Resonance Spectroscopy and Diffusion Tensor Imaging 2022 ,	О
537	Extraventricular neurocytoma at the sellar region: Report of 8 cases and literature review 2022 , 99, 379-386	
536	A comprehensive bioinformatic analysis of cyclin-dependent kinase 2 (CDK2) in glioma 2022 , 822, 146325	2
535	Spatiotemporal dynamics and optimal control of glioma virotherapy enhanced by MEK Inhibitors. 2022 , 7, 100101	
534	A Survey on Deep Learning Aided Telepathology and its Methodologies. 2021,	0
533	Reactive Oxygen Species in Glioma. 2022 , 1-16	
532	Factors influencing the development of recurrence and continued growth of primary extramedullary tumors removed using Nd:YAG laser. 2021 , 18, 91-100	O
531	Classification of Adverse Events Following Surgery in Patients With Diffuse Lower-Grade Gliomas 2021 , 11, 792878	1
530	Rutaecarpine Inhibits U87 Glioblastoma Cell Migration by Activating the Aryl Hydrocarbon Receptor Signaling Pathway 2021 , 14, 765712	О
529	Effects of Multi-Shell Free Water Correction on Glioma Characterization 2021 , 11,	O
528	Detection and Segmentation of Brain Tumor Through MRI Images. 2021,	
527	Epidemiological Profile of 96 Intracranial Tumors Treated in a Single Reference Center. 2022 , 41, e14-e18	
526	Choroid plexus papilloma and atypical choroid plexus papilloma in children: treatment results. 2021 , 20, 33-41	
525	Expression of pluripotency-related genes in human glioblastoma 2022 , 4, vdab163	
524	Clinical Outcome After Microsurgical Resection of Central Neurocytoma: A Single-Centre Analysis of 15 Years 2021 , 12, 790641	О
523	Movement Disorders in Oncology: From Clinical Features to Biomarkers 2021 , 10,	

505

RNA sequencing of glioblastoma tissue slice cultures reveals the effects of treatment at the 522 transcriptional level.. 2021, Unveiling a Ghost Proteome in the Glioblastoma Non-Coding RNAs.. 2021, 9, 703583 521 Galectins as Emerging Glyco-Checkpoints and Therapeutic Targets in Glioblastoma.. 2021, 23, 520 2 Potential of IDH mutations as immunotherapeutic targets in gliomas: a review and meta-analysis.. 519 Mechanism of Baclofen Inhibiting the Proliferation and Metastasis of GBM by Regulating YAP. 2021 518 0 . 2021. 1-10 Survival rates of children and young adolescents with CNS tumors improved in the Netherlands 517 since 1990: A population-based study.. 2022, 4, vdab183 516 An Overview of Intracranial Ependymomas in Adults. 2021, 13, A Retrospective Study on Spinal Dissemination of Supratentorial Glioma.. 2021, 11, 765399 515 Low-Level Endothelial TRAIL-Receptor Expression Obstructs the CNS-Delivery of Angiopep-2 1 514 Functionalised TRAIL-Receptor Agonists for the Treatment of Glioblastoma.. 2021, 26, Machine learning modeling of genome-wide copy number alteration signatures reliably predicts 513 IDH mutational status in adult diffuse glioma. 2021, 9, 191 Rare Tumors of the Central Nervous System: Medulloblastoma of the Adult Population in the 512 Republic of Belarus. 2020, 178-195 Fatal outcome of intracranial embryonal tumor with multiple rosettes: Case report and review of 511 the literature. **2022**, 8, 49-53 DTI Abnormalities Related to Glioblastoma: A Prospective Comparative Study with Metastasis and 510 O Healthy Subjects.. 2022, 29, 2823-2834 Phase II study of intravenous etoposide in patients with relapsed ependymoma (CNS 2001 04).. 509 2022, 4, vdac053 Emerging therapies for glioblastoma: current state and future directions.. 2022, 41, 142 508 7 Dissecting and analyzing the Subclonal Mutations Associated with Poor Prognosis in Diffuse 507 Glioma.. 2022, 2022, 4919111 Diffuse Midline Gliomas With Histone H3 K27M Mutation in Adults and Children: A Retrospective 506 1 Series of 164 Cases.. 2022, 46,

Deciphering of Adult Glioma Vulnerabilities through Expression Pattern Analysis of GABA,

Glutamate and Calcium Neurotransmitter Genes.. 2022, 12,



487

Image_2.jpeg. 2020,

(2020-2020)

486 Table_1.DOCX. 2020, Data_Sheet_1.PDF. 2020, 485 Table_1.doc. 2020, 484 Image1.PDF. 2018, 483 482 Image2.PDF. 2018, 481 Image3.PDF. **2018**, 480 Image4.PDF. 2018, Presentation1.pdf. 2018, 479 Table 1. PDF. 2018, 478 Table2.PDF. 2018, 477 Table3.PDF. 2018, 476 Data_Sheet_1.docx. 2020, 475 Table_1.xls. 2020, 474 Table_2.xls. 2020, 473 Image_1.tif. 2020, 472 Image_2.tif. **2020**, 471 Image_3.tif. 2020, 470 Table_1.DOCX. 2020, 469



(2019-2020)



432	MEOX2 homeobox gene promotes growth of malignant gliomas 2022,	0
431	Incidence and determinants of thrombotic and bleeding complications in patients with glioblastoma 2022 ,	1
430	Pediatric Astrocytomas and Their Association With Polymorphisms in Embryonic Stem Cell Marker Genes 2022 , 8830738221091043	
429	Choroid Plexus Papilloma - Case Presentation. 2021 , 47, 310-313	
428	Monoexponential, biexponential and stretched exponential models of diffusion weighted magnetic resonance imaging in glioma in relation to histopathologic grade and Ki-67 labeling index using high B values 2021 , 13, 12480-12494	
427	Diagnostic Applications of Nuclear Medicine: Brain Tumors. 2022 , 1-38	
426	Embryonal tumor with multilayered rosettes in a teenager 2022 , 12, e2021373	
425	Apigenin inhibits proliferation, migration, invasion and epithelial mesenchymal transition of glioma cells by regulating miR-103a-3p/NEED9/AKT axis. 42,	
424	Rare Tumors of the Urinary Tract. 2022 , 391-417	
423	Automatic Detection of Brain Tumor from CT and MRI Images using Wireframe model and 3D Alex-Net. 2022 ,	o
422	Clinical and pathological impact of an optimal assessment of brain invasion for grade 2 meningioma diagnosis: lessons from a series of 291 cases 2022 ,	О
421	Identification and Validation of a Gene Signature for Lower-Grade Gliomas Based on Pyroptosis-Related Genes to Predict Survival and Response to Immune Checkpoint Inhibitors 2022 , 2022, 8704127	o
420	The Long Non-Coding RNA Promotes Proliferation of Glioma Stem Cells and Modulates Their Inflammation Pathway Mainly through Post-Transcriptional Regulation 2022 , 23,	0
419	Diagnostic performance of gliomas grading and IDH status decoding A comparison between 3D amide proton transfer APT and four diffusion-weighted MRI models 2022 ,	o
418	Type 1 Insulin-Like Growth Factor Receptor Nuclear Localization in High-Grade Glioma Cells Enhances Motility, Metabolism, and Tumorigenesis 2022 , 13, 849279	
417	Paul Kleihues (1936-2022), neuropathology innovator and entrepreneur 2022 , 32, e13073	
416	Enrichment of Tumor-Infiltrating B Cells in Group 4 Medulloblastoma in Children 2022 , 23,	0
415	Effects of Long-Term Temozolomide Treatment on Glioblastoma and Astrocytoma WHO Grade 4 Stem-like Cells 2022 , 23,	

Infra-tentorial brain tumor subtypes in children and adults-surgical outcome in an ethnic population 414 with a single regional tertiary center.. 2022, 8, 10 Postoperative radiotherapy for meningiomas - a decision-making analysis.. 2022, 22, 492 413 Integrin-₩B as a Therapeutic Target in Glioblastoma: Back to the Future?. 2022, 14, 1053 412 1 Characteristics of Children âB6 Months of Age with Diffuse Intrinsic Pontine Glioma (DIPG): A 411 Report from the International DIPG Registry.. 2022, Visual outcomes and predictors in optic pathway glioma: a single centre study.. 2022, 410 0 Expression and Potential Biomarkers of Regulators for M7G RNA Modification in Gliomas. 2022, 13, 409 Venous thromboembolic events in glioblastoma patients: an epidemiological study.. 2022, 408 O Palmitoyl transferases act as potential regulators of tumor-infiltrating immune cells and glioma 407 progression. 2022, Long non-coding RNA DDX11-AS1 promotes the proliferation and migration of glioma cells by 406 3 combining with HNRNPC. 2022, 28, 601-612 Asymptomatic choroid plexus carcinoma in an infant: Report of one case.. 2022, 78, 103755 405 Primary intracranial malignant melanomas in solitary type: a tertiary center experience.. 2022, 101, 37-46 404 Gliomas: Genetic alterations, mechanisms of metastasis, recurrence, drug resistance, and recent 403 \circ trends in molecular therapeutic options.. 2022, 115090 Case 171. **2012**, 344-345 402 Case 167. **2012**, 336-337 Major Features of the 2021 WHO Classification of CNS Tumors.. 2022, 400 2 Early-Stage Segmentation and Characterization of Brain Tumor. 2022, 73, 1001-1017 399 Clinical-Pathological Features and Treatment Modalities of Primary Brain Tumors in Tanzaniaâ4 398 Years of Institutional Experience. 2022, 13, 252-265 Atypical Choroid Plexus Papilloma of the Fourth Ventricle in an Adult: A Case Report. 2022, 397

396	Intranasal Delivery in Glioblastoma treatment: Prospective Molecular Treatment Modalities. 2022, e09517	Ο
395	Rosette-Forming Glioneuronal Tumor at Septum Pellucidum: Insights Gained from a Common Tumor at Rare Location.	
394	Prognostic Neurotransmitter Receptors Genes Are Associated with Immune Response, Inflammation and Cancer Hallmarks in Brain Tumors. 2022 , 14, 2544	1
393	Otsuâ thresholding technique for MRI image brain tumor segmentation.	О
392	Current Nano-Strategies to Improve Therapeutic Efficacy Across Special Structures. 2022, 100049	О
391	Constant Pressure Convection-Enhanced Delivery Increases Volume Dispersed with Catheter Movement in Agarose. 2022 ,	Ο
390	Stemness and clinical features in relation to the subventricular zone in diffuse lower-grade glioma; an exploratory study.	
389	Brain specific delivery of phytoconstituents through nanodrug wagons approach. 2022 , 731-757	
388	Durable benefit and change in TCR clonality with nivolumab in a Lynch syndromeâlssociated glioma. 2022 , 14, 175883592211008	
387	Proteomic Landscape of Primary and Metastatic Brain Tumors for Heterogeneity Discovery.	
386	Accurate Brain Tumor Segmentation and Classification using CNN. 2022,	O
385	SAA1 Expression as a Potential Prognostic Marker of the Tumor Microenvironment in Glioblastoma. 13,	Ο
384	The Risk of Heart Disease-Related Death Among Anaplastic Astrocytoma Patients After Chemotherapy: A SEER Population-Based Analysis. 12,	
383	A Whole Exon Screening-Based Score Model Predicts Prognosis and Immune Checkpoint Inhibitor Therapy Effects in Low-Grade Glioma. 13,	
382	Glioma-BioDP: Database for Visualization of Molecular Profiles to Improve Prognosis of Brain Cancer.	
381	High-dose salvage re-irradiation in recurrent/progressive adult diffuse gliomas: development of a novel prognostic scoring system. 2022 ,	1
380	Spatiotemporal analysis of glioma heterogeneity reveals COL1A1 as an actionable target to disrupt tumor progression. 2022 , 13,	0
379	RP-Rs-fMRIomics as a Novel Imaging Analysis Strategy to Empower Diagnosis of Brain Gliomas. 2022 , 14, 2818	

378	Patient-reported cognitive function before and after glioma surgery.	О
377	Advances in the Immunotherapeutic Potential of Isocitrate Dehydrogenase Mutations in Glioma.	О
376	Study of Surrogate Immunohistochemical Markers IDH1, ATRX, BRAF V600E, and p53 Mutation in Astrocytic and Oligodendroglial Tumors.	
375	Arterial Spin Labeling Perfusion in Determining the IDH1 Status and Ki-67 Index in Brain Gliomas. 2022 , 12, 1444	
374	High Myoinositol on Proton MR Spectroscopy Could Be a Potential Signature of Papillary Tumors of the Pineal Regionâtase Report of Two Patients. 2022 , 12, 802	
373	SwinBTS: A Method for 3D Multimodal Brain Tumor Segmentation Using Swin Transformer. 2022 , 12, 797	5
372	Integrative multi-omics approach to targeted therapy for glioblastoma. 2022, 182, 106308	2
371	A curious case of T2-FLAIR mismatch in H3K27M mutant glioma. 2022 , 17, 2930-2935	
370	MR image normalization dilemma and the accuracy of brain tumor classification model. 2022 , 15, 33-39	1
369	Tumorâ⊞ost Interactions in Malignant Gliomas. 2022 , 509-518	
368	Antiproliferative effect of Potentilla fulgens on glioblastoma cancer cells through downregulation of Akt/mTOR signaling pathway. 2022 ,	
367	Carbon Dot Nanoarchitectonics: Quadruple Conjugated Nano Model for Superior Cancer Cell-Nucleus Targeting and Multi Drug Delivery.	
366	Pineal Tumors. 2022 , 603-620	
365	Embryonal tumor with multilayered rosettes (ETMR): case report and literature review. 2022 , 86, 63	
364	Gliomas molecular markers: importance in treatment, prognosis and applicability in brazilian health system. 2022 , 94,	
363	Survival Outcomes and Prognostic Factors in Glioblastoma. 2022 , 14, 3161	3
362	CNN-Based Brain Tumor Detection Model Using Local Binary Pattern and Multilayered SVM Classifier. 2022 , 2022, 1-9	2
361	Does Gross Total Resection Improve Progression-Free and Overall Survival in Pediatric Intracranial Ependymomas? Single-Center Clinical Experience Of 61 Cases. 2022 ,	

360	Symmetry-based brain abnormality identification in Magnetic Resonance Images (MRI).	
359	Benefits and limitations of nanomedicine treatment of brain cancers and age-dependent neurodegenerative disorders. 2022 ,	Ο
358	Bone Invasive Meningioma: Recent Advances and Therapeutic Perspectives. 12,	
357	Cholesterol granuloma in the choroid plexus of a cat. 2022 , 18,	
356	Endocrine manifestations of paediatric intracranial germ cell tumours: from diagnosis to long-term follow-up.	0
355	Convection-enhanced delivery with controlled catheter movement: A parametric finite element analysis.	O
354	Major Changes in 2021 World Health Organization Classification of Central Nervous System Tumors.	0
353	Interrogating glioma-M2 macrophage interactions identifies Gal-9/Tim-3 as a viable target against PTEN -null glioblastoma. 2022 , 8,	O
352	ASI-DBNet: An Adaptive Sparse Interactive ResNet-Vision Transformer Dual-Branch Network for the Grading of Brain Cancer Histopathological Images.	0
351	Incidence trends and survival analysis of atypical meningiomas: a population-based study from 2004 to 2018.	O
350	SYK Is Associated With Malignant Phenotype and Immune Checkpoints in Diffuse Glioma. 13,	
349	Radiation of meningioma dural tail may not improve tumor control rates. 9,	O
348	Role of PARP Inhibitors in Glioblastoma and Perceiving Challenges as Well as Strategies for Successful Clinical Development. 13,	1
347	Identification of growth hormone receptor as a relevant target for precision medicine in low-EGFR expressing glioblastoma. 2022 , 12,	Ο
346	Phase I trial of single-agent recombinant human anti-vascular endothelial growth factor (GB222) followed a combination therapy of GB222 and temozolomide in patients with recurrent WHO grade III and IV glioma. 2022 , 1,	
345	Integrative Genomic and Transcriptomic Analysis of Primary Malignant Gliomas Revealed Different Patterns Between Grades and Somatic Mutations Related to Glioblastoma Prognosis. 9,	
344	Overall Survival Prediction of Glioma Patients With Multiregional Radiomics. 16,	0
343	Identification of COL1A1 associated with immune infiltration in brain lower grade glioma. 2022 , 17, e0269533	О

342	Highly Invasive Fluorescent/Bioluminescent Patient-Derived Orthotopic Model of Glioblastoma in Mice. 12,	
341	Repeated amino acid PET imaging for longitudinal monitoring of brain tumors.	О
340	An automated and risk free WHO grading of glioma from MRI images using CNN.	
339	Expression analysis, molecular characterization and prognostic evaluation on TMED4 and TMED9 gene expression in glioma. 2022 , 78, 103922	
338	Diagnostic and therapeutic approach of artificial intelligence in neuro-oncological diseases. 2022 , 11, 100188	
337	MicroRNAs as prognostic markers and therapeutic targets in gliomas. 2022 , 7, 171-177	2
336	Thermomagnetic Resonance Effect of the Extremely Low Frequency Electromagnetic Field on Three-Dimensional Cancer Models. 2022 , 23, 7955	
335	Current and Future Frontiers of Molecularly Defined Oligodendrogliomas. 12,	
334	Spheno-orbital meningiomas: Is orbit reconstruction mandatory? Long-term outcomes and exophthalmos improvement. 13, 318	Ο
333	Potential association factors for developing effective peptide-based cancer vaccines. 13,	
332	Delivering the Promise of Gene Therapy with Nanomedicines in Treating Central Nervous System Diseases. 2201740	2
331	Swin UNETR: Swin Transformers for Semantic Segmentation of Brain Tumors in MRI Images. 2022 , 272-284	15
330	Methionine PET âlbverview and application to brain tumour imaging and treatment. 2022, 439-459	
329	Brain Tumor Segmentation Using U-net and U-net++ Networks. 2022,	1
328	Radiographic Findings of an Intracranial Germinoma in a 42-Year-Old Male. 2022,	
327	Physical Training Protects Against Brain Toxicity in Mice Exposed to an Experimental Model of Glioblastoma.	
326	Development of a Novel Prognostic Model of Glioblastoma Based on m6A-Associated Immune Genes and Identification of a New Biomarker. 12,	
325	Basic premises: searching for new targets and strategies in diffuse gliomas.	O

324	Toward unraveling the correlates of fatigue in glioma.	0
323	Commentary: Malignant Pineal Parenchymal Tumors in Adults: A National Cancer Database Analysis. 2022 , 91, e97-e99	O
322	GPCR genes as a predictor of glioma severity and clinical outcome. 2022 , 50, 030006052211139	0
321	Meta of classical chemotherapy compared with high-dose chemotherapy and autologous stem cell rescue in newly diagnosed medulloblastoma after radiotherapy. 2022 , 101, e29372	
320	Advances in Molecular Biological and Translational Studies in World Health Organization Grades 2 and 3 Meningiomas: A Literature Review. 2022 , 62, 347-360	1
319	PTPRD and CNTNAP2 as markers of tumor aggressiveness in oligodendrogliomas. 2022 , 12,	
318	Rare embryonic tumor of the central nervous system âlheuroblastoma with FOXR2-activation. 2022 , 9, 11-21	
317	Late Manifestation of Subependymal Giant Cell Astrocytoma With Hydrocephalus in an Adult Patient With Tuberous Sclerosis Complex. 2022 ,	
316	Current Opportunities for Targeting Dysregulated Neurodevelopmental Signaling Pathways in Glioblastoma. 2022 , 11, 2530	0
315	Survival Time after Surgical Debulking and Temozolomide Adjuvant Chemotherapy in Canine Intracranial Gliomas. 2022 , 9, 427	O
314	Neurocognitive impairment and patientaproxy agreement on health-related quality of life evaluations in recurrent high-grade glioma patients.	
313	Combinatorial delivery of CPI444 and vatalanib loaded on PEGylated graphene oxide as an effective nanoformulation to target glioblastoma multiforme: In vitro evaluation. 12,	
312	Case report: Infratentorial Embryonal Tumor with Abundant Neuropil and True Rosettes (ETANTR) in an 8-month-old Maine Coon. 9,	
311	Ependymoblastoma with pulmonary metastasis in an adolescent: A case report. 13,	
310	Multivariate Analysis of RNA Chemistry Marks Uncovers Epitranscriptomics-Based Biomarker Signature for Adult Diffuse Glioma Diagnostics.	1
309	MGMT Promoter Methylation as a Prognostic Factor in Primary Glioblastoma: A Single-Institution Observational Study. 2022 , 10, 2030	2
308	Nanotechnology meets glioblastoma multiforme: Emerging therapeutic strategies.	О
307	Chromosomal instability in adult-type diffuse gliomas. 2022 , 10,	0

306	Prediction of BRAF mutation status in glioblastoma multiforme by preoperative ring enhancement appearances on MRI. 12,	
305	Canine Glioma as a Model for Human Glioblastoma.	
304	Comprehensive metabolomics study on the pathogenesis of anaplastic astrocytoma via UPLC-Q/TOF-MS. 2022 , 101, e29594	
303	Artificial intelligence in multi-parametric magnetic resonance imaging: A review.	O
302	Weighted Gene Co-Expression Network Analysis and Support Vector Machine Learning in the Proteomic Profiling of Cerebrospinal Fluid from Extraventricular Drainage in Child Medulloblastoma. 2022 , 12, 724	
301	The Water Transport System in AstrocytesâAquaporins. 2022 , 11, 2564	O
300	CNPY4 is a potential promising prognostic-related biomarker and correlated with immune infiltrates in gliomas. 2022 , 101, e30044	
299	The emerging potentials of lncRNA DRAIC in human cancers. 12,	
298	The role of bevacizumab for treatment-refractory intracranial meningiomas: a single institutionâl experience and a systematic review of the literature.	0
297	Immunohistochemical staining of LEF-1 is a useful marker for distinguishing WNT-activated medulloblastomas. 2022 , 17,	O
296	Clinically applicable 39 genes targeted mutational analysis predicts recurrence in pediatric medulloblastoma: a monocenter cohort study.	0
295	Age is a major determinant for poor prognosis in patients with pilocytic astrocytoma: a SEER population study.	Ο
294	Medulloblastoma at the cerebello-pontine angle resembling vestibular schwannoma: A case report and review of the literature. 2022 , 99, 107695	1
293	A rare case of primary sinonasal meningioma: A case report. 2022 , 99, 107620	O
292	FNA unravelling the mystery behind the cheek mass to pivot to a diagnosis of a primary extracranial-extraspinal-meningioma with intracranial component. 2022 , 39, 131	0
291	Neuro-imaging of glioneuronal tumors. 2022 , 681-703	O
290	A rare presentation of multifocal anaplastic oligodendroglioma. 2022, 0	0
289	Trans-sulcal, Channel-Based Parafascicular Surgery for Colloid Cysts. 2022 , 205-216	Ο

288	Pineal region tumours. 2022 , 705-726	О
287	Diagnostic Applications of Nuclear Medicine: Brain Tumors. 2022 , 569-605	O
286	Joint Prediction of Meningioma Grade and Brain Invasion via Task-Aware Contrastive Learning. 2022 , 355-365	0
285	A GIANT GERMINOMA MIMICS HIGH-GRADE GLIOMA: A RARE FORM OF THALAMIC REGION TUMOR. 2022 , 75, 2036-2040	О
284	Papillary glioneuronal tumours. 2022 , 767-773	О
283	Proteomic Landscape of Primary and Metastatic Brain Tumors for Heterogeneity Discovery.	О
282	Reactive Oxygen Species in Glioma. 2022 , 3329-3344	0
281	ANAPLASTIK OLÜJODENDROGLÜDMADA GRÜTÜEME YÜTEMLERININ RADYOTERAPÜTEDAVII VOLIMINIBELIRLEMEDEKIETKINI	O
280	Updated Systematic Review on the Role of Brain Invasion in Intracranial Meningiomas: What, When, Why?. 2022 , 14, 4163	0
279	Differential dependency of human glioblastoma cells on vascular endothelial growth factor-A signaling via neuropilin-1. 2022 , 61,	О
278	Current knowledge of protein palmitoylation in gliomas.	0
277	Zebrafish Models of Paediatric Brain Tumours. 2022 , 23, 9920	О
276	Glutamate Signaling and Filopodiagenesis of Astrocytoma Cells in Brain Cancers: Survey and Questions. 2022 , 11, 2657	0
275	Intravoxel Incoherent Motion Diffusion-Weighted Imaging and 3D-ASL to Assess the Value of Ki-67 Labeling Index and Grade in Glioma. 2022 , 2022, 1-7	O
274	Does epilepsy always indicate worse outcomes? A longitudinal follow-up analysis of 485 glioma patients. 2022 , 20,	o
273	MEX3A impairs DNA mismatch repair signaling and mediates acquired temozolomide resistance in glioblastoma.	O
272	Integrated genomic, transcriptomic, and epigenetic analyses identify a leukotriene synthesis-related M2 macrophage gene signature that predicts prognosis and treatment vulnerability in gliomas. 13,	0
271	Evaluation of Brain Tumors Using Amide Proton Transfer Imaging: A Comparison of Normal Amide Proton Transfer Signal With Abnormal Amide Proton Transfer Signal Value. Publish Ahead of Print,	O

270	The MBNL1/circNTRK2/PAX5 pathway regulates aerobic glycolysis in glioblastoma cells by encoding a novel protein NTRK2-243aa. 2022 , 13,	Ο
269	Should adjuvant radiotherapy be used in atypical meningioma (WHO grade 2) following gross total resection? A systematic review and Meta-analysis. 1-9	O
268	OpenPBTA: An Open Pediatric Brain Tumor Atlas.	Ο
267	KLHDC8A Expression in Association with Macrophage Infiltration and Oxidative Stress Predicts Unfavorable Prognosis for Glioma. 2022 , 2022, 1-14	1
266	Prognostic value of m6A regulators and the nomogram construction in glioma patients. 2022 , 101, e30643	О
265	Patterns of Care and Survival of Chinese Glioblastoma Patients in the Temozolomide Era: A Hong Kong Population-Level Analysis over a 14-year Period.	O
264	Treatment of Pineal Region Rosette-Forming Glioneuronal Tumors (RGNT). 2022, 14, 4634	Ο
263	Multiparametric Characterization of Intracranial Gliomas Using Dynamic [18F]FET-PET and Magnetic Resonance Spectroscopy. 2022 , 12, 2331	O
262	The impact of heme biosynthesis regulation on glioma aggressiveness: Correlations with diagnostic molecular markers. 15,	O
261	PFKFB4 interacts with FBXO28 to promote HIF-1&ignaling in glioblastoma. 2022 , 11,	O
260	Do Extent of Resection and Tumor Volume affect the Overall Survival of Anaplastic Astrocytoma? A Retrospective Study from a Single Center. 2022 , 10, 2060-2064	O
259	CIMP-positive glioma is associated with better prognosis: A systematic analysis. 2022 , 101, e30635	O
258	Network pharmacology-based screening of the active ingredients and mechanisms of evodiae fructus anti-glioblastoma multiforme. 2022 , 101, e30853	O
257	The impact of tumor metabolic activity assessed by 18F-FET amino acid PET imaging in particle radiotherapy of high-grade glioma patients. 12,	O
256	Identification and Verification of an Alternative Polyadenylation-Related lncRNA Prognostic Signature for Glioma. 2022 , 2022, 1-15	O
255	Emotion Recognition in Patients with Low-Grade Glioma before and after Surgery. 2022 , 12, 1259	O
254	Noninvasive Determination of the IDH Status of Gliomas Using MRI and MRI-Based Radiomics: Impact on Diagnosis and Prognosis. 2022 , 29, 6893-6907	O
253	Imaging Characteristics of CNS Neuroblastoma-FOXR2: A Retrospective and Multi-Institutional Description of 25 Cases. 2022 , 43, 1476-1480	O

252	Current therapeutic options for glioblastoma and future perspectives. 1-12	1
251	High APLN Expression Predicts Poor Prognosis for Glioma Patients. 2022 , 2022, 1-16	O
250	Effect of anesthesia on the outcome of high-grade glioma patients undergoing supratentorial resection: study protocol for a pragmatic randomized controlled trial. 2022 , 23,	0
249	Regional healthy brain activity, glioma occurrence and symptomatology.	1
248	Endoscopic transnasal surgery in optic pathway gliomas located in the chiasma-hypothalamic region: case series of ten patients in a single-center experience and endoscopic literature review.	0
247	Allyl Isothiocyanate (AITC) Induces Apoptotic Cell Death In Vitro and Exhibits Anti-Tumor Activity in a Human Glioblastoma GBM8401/luc2 Model. 2022 , 23, 10411	1
246	Prognostic Impact of Low-Level p53 Expression on Brain Astrocytomas Immunopositive for Epidermal Growth Factor Receptor. 2022 , 44, 4142-4151	0
245	Molecular diagnosis and treatment of meningiomas: an expert consensus (2022). Publish Ahead of Print,	o
244	Differentiating Glioblastoma Multiforme from Brain Metastases Using Multidimensional Radiomics Features Derived from MRI and Multiple Machine Learning Models. 2022 , 2022, 1-10	1
243	The Pierre Wertheimer Neurological and Neurosurgical Hospital in Lyon: history of its development and contributions to neurosurgery. 2022 , 1-10	O
242	N-Glycosylation on Asn50 of SND1 Is Required for Glioma U87 Cell Proliferation and Metastasis. 2022 , 2022, 1-10	0
241	Potassium Ion Channels in Malignant Central Nervous System Cancers. 2022 , 14, 4767	1
240	Pineal Gland Tumour With Drop Metastases: A Case Report. 2022 ,	O
239	Enhanced Natural Killers with CISH and B2M Gene Knockouts Reveal Increased Cytotoxicity in Glioblastoma Primary Cultures. 2022 , 56, 770-779	o
238	Diterpenoid DGA induces apoptosis via endoplasmic reticulum stress caused by changes in glycosphingolipid composition and inhibition of STAT3 in glioma cells. 2022 , 205, 115254	0
237	Impact of new molecular criteria on diagnosis and survival of adult glioma patients. 2022 , 13, 299-305	0
236	Increment of the incidence of glioblastoma following decrease in the incidence of brain tumors in 2000-2020: a population-based registry study. 2022 , 86, 28	0
235	Tumori spinali intradurali. 2022 , 22, 1-19	О

234	Prognostic value of an APOBEC3 deletion polymorphism for glioma patients in Taiwan. 2022, 1-13	О
233	Cranial Spinal Spreading of Canine Brain Gliomas after Hypofractionated Volumetric-Modulated Arc Radiotherapy and Concomitant Temozolomide Chemotherapy: A Four-Case Report. 2022 , 9, 541	O
232	Development of a Hallmark Pathway-Related Gene Signature Associated with Immune Response for Lower Grade Gliomas. 2022 , 23, 11971	О
231	Prognosis and immune response of a cuproptosis-related lncRNA signature in low grade glioma. 13,	O
230	Meningioma - Supratentorial.	О
229	Long-Term Follow-Up, Treatment Strategies, Functional Outcome, and Health-Related Quality of Life after Surgery for WHO Grade 2 and 3 Intracranial Meningiomas. 2022 , 14, 5038	O
228	Clinical experience and outcomes in patients with pineal parenchymal tumor of intermediate differentiation (PPTID): a single-institution analysis.	О
227	Co-existence of pituicytoma and corticotroph adenoma in a patient with Cushingâl disease. 2022 ,	0
226	Embryonal tumors with multilayered rosettes, C19MC-altered or not elsewhere classified: Clinicopathological characteristics, prognostic factors, and outcomes of 17 children from 2018 to 2022. 12,	О
225	The Transcriptomic Landscape of Pediatric Astrocytoma. 2022 , 23, 12696	0
224	Papillary Tumor of the Pineal Region Rare Pediatric CNS Tumor Case Series Treated in King Fahad Medical City (KFMC). 2022 , 29, 7558-7568	O
223	Preclinical gene therapy in glioblastoma multiforme: Using olfactory ensheathing cells containing a suicide gene. 2022 , 121132	O
222	Toward unraveling the correlates of fatigue in glioma.	О
221	Prefoldin 6 promotes glioma progression via the AKT signalling pathway.	O
220	Estimating the Prognosis of Low-Grade Glioma with Gene Attention Using Multi-Omics and Multi-Modal Schemes. 2022 , 11, 1462	1
219	Differentiation of high grade glioma and solitary brain metastases by measuring relative cerebral blood volume and fractional anisotropy: A systematic review and Meta-Analysis of MRI diagnostic test accuracy studies.	O
218	ZMYND8 as a novel diagnostic and prognostic biomarker in Glioma.	О
217	CRISPR-cas9 Screening Identified Lethal Genes Enriched in Hippo Kinase Pathway and of Prognosis Significance in primary Low-grade Glioma.	0

216	The Mechanistic Roles of Sirtuins in Breast and Prostate Cancer. 2022 , 14, 5118	1
215	Changes in calpain-2 expression during glioblastoma progression predisposes tumor cells to temozolomide resistance by minimizing DNA damage and p53-dependent apoptosis.	O
214	The clinicopathological profile and value of multidisciplinary management of pediatric brain tumors in a low-income setting. 1-14	0
213	Scinderin Is a Novel Oncogene for Its Correlates with Poor Prognosis, Immune Infiltrates and Matrix Metalloproteinase-2/9 (MMP2/9) in Glioma. 2022 , 12, 1415	O
212	2-Methoxyestradiol Damages DNA in Glioblastoma Cells by Regulating nNOS and Heat Shock Proteins. 2022 , 11, 2013	0
211	Healthcare seeking experience during medulloblastoma treatment: Parentâl conflict and expectation.	O
210	Papillary tumor of the pineal region in pediatric patient âDA case report. 13, 488	0
209	Endoscopic endonasal resection of two rare cases of hemangiopericytomas invading the cavernous sinus and literature review. 9,	O
208	Radiotherapy for meningiomas.	O
207	Distinct expression and function of breast cancer metastasis suppressor 1 in mutant P53 glioblastoma.	O
206	A Single-Center Retrospective Analysis of Intracranial and Spinal Solitary Fibrous Tumor/Hemangiopericytoma Clinical Outcomes: Gender Association with Aggressiveness 2022 ,	0
205	Deep Learning Meets Radiomics For End-To-End Brain Tumor MRI Analysis. 2022,	0
204	FFCAEs : An efficient feature fusion framework using cascaded autoencoders for the identification of gliomas.	1
203	Oleic acid-bound FABP7 drives glioma cell proliferation through regulation of nuclear lipid droplet formation.	O
202	Pre-surgical evaluation challenges and long-term outcome in children operated on for Low Grade Epilepsy Associated brain Tumors. 2022 , 41, 55-62	О
201	Meningeosis Neoplastica in Patients with Glioblastoma: Analysis of 36 Cases. 2022 ,	O
200	Shffle-ResNet: Deep Learning for Predicting LGG IDH1 Mutation from Multicenter Anatomical MRI Sequences.	0
199	Immune infiltration in aggressive papillary craniopharyngioma: High infiltration but low action. 13,	0

198	Glioma diagnosis and therapy: Current challenges and nanomaterial-based solutions. 2022, 352, 338-370	1
197	Introduction: Types of Parkinsonâ Disease. 2022 , 103-112	Ο
196	Brain Tumor Classification Using Deep Neural Network Based on MRI Images. 2022,	О
195	Factors Involved in Preoperative Edema in High-Grade Gliomas. 2022,	O
194	Ensemble learning for glioma patients overall survival prediction using pre-operative MRIs.	О
193	Assessing the Malignancy Risk of a Meningioma by Its Location. 2022 ,	O
192	Two independent variants of epidermal growth factor receptor associated with risk of glioma in a Korean population. 2022 , 12,	O
191	Letter to the Editor Re: Lampros, M.G., Vlachos, N., Voulgaris, S. et al. Extraventricular neurocytomas: a systematic review of the literature in the pediatric population. Childs Nerv Syst 37, 2465â¼474 (2021) https://doi.org/10.1007/s00381-021âŪ5,257-x.	O
190	Management of High-Grade Meningioma: Present, Past and Promising Future.	О
189	Global survival trends for brain tumors, by histology: analysis of individual records for 556,237 adults diagnosed in 59 countries during 2000âØ014 (CONCORD-3).	O
188	Predicting survival of glioblastoma from automatic whole-brain and tumor segmentation of MR images. 2022 , 12,	1
187	Evaluation of DNA Methylation Array for Glioma Tumor Profiling and Description of a Novel Epi-Signature to Distinguish IDH1/IDH2 Mutant and Wild-Type Tumors. 2022 , 13, 2075	O
186	Therapeutic efficacy of 166Holmium siloxane in microbrachytherapy of induced glioblastoma in minipig tumor model. 12,	O
185	Proteomic landscape of primary and metastatic brain tumors for heterogeneity discovery.	O
184	Cathepsin B, D and S as Potential Biomarkers of Brain Glioma Malignancy. 2022 , 11, 6763	О
183	Aquaporin-4 Expression in Meningioma Malignancy Progression.	O
182	Bioinformatics analysis identified RGS4 as a potential tumor promoter in glioma. 2022, 154225	О
181	Brain tumor classification based on neural architecture search. 2022 , 12,	O

180	Case report: Implantation metastasis following stereotactic biopsy of pineal parenchymal tumor of intermediate differentiation in an adult patient: An exceptionally rare complication. 13,	0
179	MUC16 mutation is associated with tumor grade, clinical features, and prognosis in glioma patients. 2022 ,	O
178	A comparative study of quantitative metrics in chemical exchange saturation transfer imaging for grading gliomas in adults. 2022 ,	0
177	MT1-MMP Expression Levels and Catalytic Functions Dictate LDL Receptor-Related Protein-1 Ligand Internalization Capacity in U87 Glioblastoma Cells. 2022 , 23, 14214	О
176	Glioma Stem Cells: Novel Data Obtained by Single-Cell Sequencing. 2022 , 23, 14224	0
175	Rare embryonal and sarcomatous central nervous system tumours: State-of-the art and future directions. 2023 , 66, 104660	О
174	MR-guided non-invasive typing of brain gliomas using machine learning. 2022 , 86, 36	O
173	Classification of low- and high-grade gliomas using radiomic analysis of multiple sequences of MRI brain. 2022 , 0	О
172	Increased relative biological effectiveness and periventricular radiosensitivity in proton therapy of glioma patients. 2023 , 178, 109422	1
171	Molecular Neuropathology versus Histopathology in the Diagnosis of Central Nervous System Tumors: Review Article about Novel Diagnostic and Investigative Technologies. 2022 , 10, 55-72	О
170	A Comprehensive Non-invasive System for Early Grading of Gliomas. 2022,	0
169	Unsuccessful external validation of the MAC-score for predicting increased MIB-1 index in patients with spinal meningiomas. 12,	О
168	Clinical Profiles and Mutation Landscapes of Meningiomas with Different Growth Rate.	0
167	Incidence and survival of primary central nervous system tumors diagnosed in 4 Canadian provinces from 2010 to 2015.	1
166	Surgical Approach and Further Management of Intracranial Hemangioendothelioma With Double Location: A Case Report. 2022 ,	o
165	Anoctamins and Calcium Signalling: An Obstacle to EGFR Targeted Therapy in Glioblastoma?. 2022 , 14, 5932	О
164	Natural Products Targeting Hsp90 for a Concurrent Strategy in Glioblastoma and Neurodegeneration. 2022 , 12, 1153	1
163	Biological roles of the RNA m6A modification and its implications in cancer. 2022 , 54, 1822-1832	1

162	Saikosaponin D Inducing Apoptosis and Autophagy through the Activation of Endoplasmic Reticulum Stress in Glioblastoma. 2022 , 2022, 1-12	O
161	Methylation Profiling in Diffuse Gliomas: Diagnostic Value and Considerations. 2022 , 14, 5679	O
160	Cerebellar Liponeurocytoma: Publication Trends, Scientometrics Analysis, and Critical Review. 2022	O
159	Clinical Decision Support Framework for Segmentation and Classification of Brain Tumor MRIs Using a U-Net and DCNN Cascaded Learning Algorithm. 2022 , 10, 2340	1
158	Segmentation of Brain Glioma in MRI Images Using Deep Learning. 2022,	0
157	Update nuklearmedizinische Bildgebung von Gehirntumoren und -metastasen. 2022 , 45, 351-359	O
156	Prognosis and immune features of pyroptosis-related RNA patterns in low-grade glioma. 12,	0
155	Feasibility of evaluating the histologic and genetic subtypes of WHO grade II-IV gliomas by diffusion-weighted imaging. 2022 , 23,	O
154	LncRNA LINC01018 $\!\!\!/$ miR -942-5p $\!\!\!\!/$ KNG1 axis regulates the malignant development of glioma in vitro and in vivo.	0
153	Spatial biology of cancer evolution.	4
153	Spatial biology of cancer evolution. Importancia pron\(\text{Etica}\) de las mutaciones del gen promotor de la transcriptasa inversa de la telomerasa en los meningiomas de alto grado. 2022, 42, 574-590	o
	Importancia pronfitica de las mutaciones del gen promotor de la transcriptasa inversa de la	
152	Importancia pronEtica de las mutaciones del gen promotor de la transcriptasa inversa de la telomerasa en los meningiomas de alto grado. 2022 , 42, 574-590 Favorable Long-Term Outcomes of Chordoid Meningioma Compared With the Other WHO Grade 2	0
152 151	Importancia pron\(\text{\text{\text{E}}}\)tica de las mutaciones del gen promotor de la transcriptasa inversa de la telomerasa en los meningiomas de alto grado. 2022, 42, 574-590 Favorable Long-Term Outcomes of Chordoid Meningioma Compared With the Other WHO Grade 2 Meningioma Subtypes. 2022, Publish Ahead of Print, Infiltrating gliomas with FGFR alterations: Histologic features, genetic alterations, and potential	0
152 151 150	Importancia pron\(\text{\text{\text{S}}}\)tica de las mutaciones del gen promotor de la transcriptasa inversa de la telomerasa en los meningiomas de alto grado. 2022, 42, 574-590 Favorable Long-Term Outcomes of Chordoid Meningioma Compared With the Other WHO Grade 2 Meningioma Subtypes. 2022, Publish Ahead of Print, Infiltrating gliomas with FGFR alterations: Histologic features, genetic alterations, and potential clinical implications. 2022, 1-15	0 0
152 151 150	Importancia pron\(\text{\text{\text{S}}}\)tica de las mutaciones del gen promotor de la transcriptasa inversa de la telomerasa en los meningiomas de alto grado. 2022, 42, 574-590 Favorable Long-Term Outcomes of Chordoid Meningioma Compared With the Other WHO Grade 2 Meningioma Subtypes. 2022, Publish Ahead of Print, Infiltrating gliomas with FGFR alterations: Histologic features, genetic alterations, and potential clinical implications. 2022, 1-15 Roadmap toward subtype-specific vulnerabilities in adult glioma. 2022, 1,	O O O
152 151 150 149 148	Importancia pron\(\text{Stica}\) de las mutaciones del gen promotor de la transcriptasa inversa de la telomerasa en los meningiomas de alto grado. 2022, 42, 574-590 Favorable Long-Term Outcomes of Chordoid Meningioma Compared With the Other WHO Grade 2 Meningioma Subtypes. 2022, Publish Ahead of Print, Infiltrating gliomas with FGFR alterations: Histologic features, genetic alterations, and potential clinical implications. 2022, 1-15 Roadmap toward subtype-specific vulnerabilities in adult glioma. 2022, 1, Systemic cellular viroimmunotherapy for canine high-grade gliomas. 2022, 10, e005669	O O O O

144	An intelligent brain tumor segmentation using improved Deep Learning Model Based on Cascade Regression method.	0
143	Primary renal sporadic hemangioblastoma: A case report and literature review. 2,	О
142	Modulation of Genes and MicroRNAs in the Neurospheres of Glioblastoma Cell Lines U343 and T98G Induced by Ionizing Radiation and Temozolomide Therapy. 2022 ,	0
141	Survival analysis in high-grade glioma: The role of salvage surgery. 2022 ,	O
140	Role of CDKN2A deletion in grade 2/3 IDH-mutant astrocytomas: need for selective approach in resource-constrained settings. 2022 , 53, E17	O
139	Nerve Fiber Immunohistochemical Panel Discriminates between Nerve Sheath and Perivascular Wall Tumors. 2023 , 10, 1	O
138	Age-Dependent Impact of Concomitant Radio-Chemotherapy and MGMT Promotor Methylation on PFS and OS in Patients with IDH Wild-Type Glioblastoma: The Real-Life Data. 2022 , 14, 6180	0
137	Expression of IL-13R2 and FUS in glioma: clinicopathological and prognostic correlation	O
136	Expanding our knowledge of brain tumor overall survival trends at a global scale.	O
135	A Novel Immune Gene-Related Prognostic Score Predicts Survival and Immunotherapy Response in Glioma. 2023 , 59, 23	O
134	The lectin DrfL inhibits cell migration, adhesion and triggers autophagy-dependent cell death in glioma cells.	O
133	Brain and Spinal Cord Tumors Among the Life-Threatening Health Problems: An Introduction. 2023 , 1-18	O
132	Semiconducting Polymer Dots for Point-of-Care Biosensing and In Vivo Bioimaging: A Concise Review. 2023 , 13, 137	1
131	Central Nervous System Neoplasms in Microgravity. 2022 , 107-121	O
130	Heat shock protein 27 deficiency promotes ferrous ion absorption and enhances acyl-Coenzyme A synthetase long-chain family member 4 stability to promote glioblastoma cell ferroptosis. 2023 , 23,	O
129	Management of the skull base invasion in spheno-orbital meningiomas. 1-8	O
128	Brain magnetic resonance spectroscopy to differentiate recurrent neoplasm from radiation necrosis: A systematic review and meta-analysis.	0
127	The Recurrent-Specific Regulation Network of Prognostic Stemness-Related Signatures in Low-Grade Glioma. 2023 , 2023, 1-29	O

126	Mendelian randomization study on the causal effects of glioma on Alzheimer's disease.	О
125	The Epidemiology of Brain and Spinal Cord Tumors. 2023 , 19-39	О
124	Insufficient evidence to link human exposure to heavy metals with biomarkers of glioma. 2023, 130779	О
123	Pediatric diffuse midline glioma H3K27- altered: A complex clinical and biological landscape behind a neatly defined tumor type. 12,	O
122	Demystifying neuroblastoma malignancy through fractal dimension, entropy, and lacunarity. 030089162211	462
121	Blood brain barrier-on-a-chip to model neurological diseases. 2023 , 104174	О
120	Correlation between ITGB2 expression and clinical characterization of glioma and the prognostic significance of its methylation in low-grade glioma(LGG). 13,	1
119	Comprehensive Analysis Identified Glycosyltransferase Signature to Predict Glioma Prognosis and TAM Phenotype. 2023 , 2023, 1-19	O
118	Management of IDH-mutant astrocytoma based on WHO 2021 classification of central nervous system tumors: a single center retrospective study.	О
117	Upstaging and Downstaging in Gliomasâtlinical Implications for the Fifth Edition of the World Health Organization Classification of Tumors of the Central Nervous System. 2023 , 13, 197	O
116	Multilevel Pharmacological Effects of Antipsychotics in Potential Glioblastoma Treatment. 2023 , 23,	О
115	Detection of brain tumors from MR images using fuzzy thresholding and texture feature descriptor.	О
114	Mother and daughter with a SMARCE1 mutation resulting in a cervical clear cell meningioma at an identical location: illustrative cases. 2023 , 5,	О
113	Metastatic Meningioma: A Systematic Review of Incidence and Risk Factors. 2023 , 101720	O
112	Numerical analysis of a mathematical model describing the evolution of hypoxic glioma cells. 2023 , 131, 138-157	О
111	High expression of NLRP12 predicts poor prognosis in patients with intracranial glioma. 2023 , 86, 88-97	O
110	Resection of Aggressive Recurrent Cavernous Sinus MeningiomaâBtage 2, Cavernous Sinus Resection: 2-Dimensional Operative Video. 2023 , 24, e111-e112	0
109	Resection of Aggressive Recurrent Cavernous Sinus MeningiomaâBtage 1, IMAX-RAG-MCA Bypass: 2-Dimensional Operative Video. 2023 , 24, e110-e110	O

108	Proton radiotherapy in the treatment of IDH-mutant diffuse gliomas: an early experience from shanghai proton and heavy ion center.	0
107	Clinical applications and prospects of PET imaging in patients with IDH-mutant gliomas.	O
106	Implications of deferred diagnosis of paediatric intracranial germ cell tumours.	O
105	Implementing multiphysics models in FEniCS: Viscoelastic flows, poroelasticity, and tumor growth. 2023 , 100074	o
104	Health-Promoting Potential of Millet: A Review. 2023 , 10, 80	O
103	Polymorphisms in TPT1 Pathways in Pediatric Astrocytomas. 2023 , 15, 175909142311534	О
102	Simpsonâl Grading Scale for WHO Grade I Meningioma Resection in the Modern Neurosurgical Era: Are We Really Asking the Right Question?.	0
101	Studies on the therapeutic and prognostic biomarkers of glioma using a novel Cuproptosis-related LncRNA signature and validation in glioma. 2023 ,	О
100	Preclinical Models of Low-Grade Gliomas. 2023 , 15, 596	O
99	Proteogenomics of diffuse gliomas reveal molecular subtypes associated with specific therapeutic targets and immune-evasion mechanisms. 2023 , 14,	O
98	GBM Cells Exhibit Susceptibility to Metformin Treatment According to TLR4 Pathway Activation and Metabolic and Antioxidant Status. 2023 , 15, 587	0
97	Impact of peritumoral brain edema on pre- and postoperative clinical conditions and on long-term outcomes in patients with intracranial meningiomas. 2023 , 28,	o
96	Surgeon experience in glioblastoma surgery of the elderlyâll multicenter, retrospective cohort study.	0
95	Anti-Vascular Endothelial Growth Factor Therapy Abolishes Glioma-Associated Endothelial Cell-Induced Tumor Invasion.	o
94	[18F]FET-PET in children and adolescents with central nervous system tumors: does it support difficult clinical decision-making?.	O
93	Analysis of PD-L1 and CD3 Expression in Glioblastoma Patients and Correlation with Outcome: A Single Center Report. 2023 , 11, 311	0
92	Psidium guajava induces cytotoxicity in human malignant glioblastoma cell line: Role of reactive oxygen species. 2023 , 89, 105567	0
91	Comparison of multi-cycle and standard-cycle temozolomide chemotherapies in patients with glioblastoma undergoing surgery and successive radiotherapy. 2023 , 32, 101736	1

90	Atypical Teratoid/Rhabdoid Tumor of the Sellar Region in an Adult Male: A Case Report. 2023,	O
89	KDELC2 Upregulates Glioblastoma Angiogenesis via Reactive Oxygen Species Activation and Tumor-Associated Macrophage Proliferation. 2023 , 12, 923	0
88	A rare case of a peripheral Ewing sarcoma primitive neuroectodermal tumor of pelvic origin. 2023 , 18, 1437-1441	О
87	Association between objective neurocognitive functioning and neurocognitive complaints in recurrent high-grade glioma: Longitudinal evidence of cognitive awareness from EORTC brain tumour trials. 2023 , 186, 38-51	O
86	From cells to organoids: The evolution of blood-brain barrier technology for modelling drug delivery in brain cancer. 2023 , 196, 114777	О
85	Platycodin D suppresses proliferation, migration, and invasion of human glioblastoma cells through regulation of Skp2. 2023 , 948, 175697	0
84	Surgical approach to the treatment of pituicytoma. Report of five cases and a literature review. 2023 , 19, 100186	O
83	Combination of hyaluronic acid conjugates with immunogenic cell death inducer and CpG for glioblastoma local chemo-immunotherapy elicits an immune response and induces long-term survival. 2023 , 294, 122006	O
82	CKAP4-mediated activation of FOXM1 via phosphorylation pathways regulates malignant behavior of glioblastoma cells. 2023 , 29, 101628	O
81	Osteopontin and Ki-67 expression in World Health Organization graded canine meningioma. 2023 , 201, 41-48	0
80	Commentary: Complete Resection of a Recurrent Cervical Dumbbell Schwannoma After Initial Subtotal Resection and Radiotherapy: 2-Dimensional Operative Video. 2023 , 24, e236-e238	O
79	Subependymal Giant Cell Astrocytomas in Tuberous Sclerosis Complexâturrent Views on Their Pathogenesis and Management. 2023 , 12, 956	0
78	Diagnostic neuroradiology of intracranial meningiomas presenting with hemorrhagic onset: a double center 14-year experience. 2023 , 30, 175-185	О
77	Effective data augmentation for brain tumor segmentation.	O
76	The miR -29 family members induce glioblastoma cell apoptosis by targeting cell division cycle 42 in a p53-dependent manner.	О
75	The value of convolutional neural networks-based deep learning model in differential diagnosis of space-occupying brain diseases. 14,	O
74	Meningioma grading based on positron emission tomography: A systematic review and meta-analysis. 2023 , 18, 100167	О
73	Longitudinal DNA methylation analysis of adult-type IDH-mutant gliomas. 2023 , 11,	0

72	Clinical case of primary multiple hemangioendothelioma in a child with CNS lesions. 2023, 9, 88-95	0
71	Isoaaptamine increases ROS levels causing autophagy and mitochondria-mediated apoptosis in glioblastoma multiforme cells. 2023 , 160, 114359	O
70	Tumor volume and calcifications as indicators for preoperative differentiation of grade II/III diffuse gliomas. 2023 , 161, 555-562	O
69	Mean and normalized apparent diffusion coefficient values and mean metabolic ratios in cerebral metastases in central Indian rural hospital setup. 2022 , 17, 842	O
68	Pituitary Macroadenoma âlEvaluation of Mean Metabolic Ratios and Mean and Normalized Apparent Diffusion Coefficient Values Using Magnetic Resonance Spectroscopy and Diffusion-weighted Imaging in a Central Indian Rural Hospital Setup. 2022 , 17, 838	О
67	Low-Density Lipoprotein Pathway Is a Ubiquitous Metabolic Vulnerability in High Grade Glioma Amenable for Nanotherapeutic Delivery. 2023 , 15, 599	O
66	The PARP inhibitor Rucaparib synergizes with radiation to attenuate atypical teratoid rhabdoid tumor growth. 2023 , 5,	0
65	microRNAs (miRNAs) in Glioblastoma Multiforme (GBM)âRecent Literature Review. 2023 , 24, 3521	O
64	Epithelial membrane antigen-reactive feline chordoid meningioma in a European wildcat (Felis silvestris). 2023 , 201, 114-117	0
63	The parietooccipital interhemispheric transtentorial approach for pineal tumors. 2023, 110, 39-47	O
62	A molecular study of pediatric pilomyxoid and pilocytic astrocytomas: Genome-wide copy number screening, retrospective analysis of clinicopathological features and long-term clinical outcome. 13,	О
61	High PGD expression as a potential prognostic biomarker and correlated with immune infiltrates in low-grade gliomas.	O
60	Postoperative recurrence of mixed extragonadal germ cell tumor in the right shoulder: a case report. 2023 , 18,	0
59	The Most rapid recurrent meningioma: Case report and literature review. 2023 , 104, 107939	O
58	DNA Methylation and Histone Modification in Low-Grade Gliomas: Current Understanding and Potential Clinical Targets. 2023 , 15, 1342	О
57	Nanotechnological advancements in the brain tumor therapy: a novel approach. 2022 , 13, 531-557	O
56	Updating TCGA glioma classification through integration of molecular profiling data following the 2016 and 2021 WHO guidelines.	О
55	Biosensors for phytohormone Abscisic acid and its role in humans: A review. 2023 , 4, 100234	0

54	Gastrointestinally absorbable lactoferrin-heparin conjugate with anti-angiogenic activity for treatment of brain tumor. 2023 , 355, 730-744	О
53	Artificial Intelligence in Brain Tumor Imaging: A Step toward Personalized Medicine. 2023, 30, 2673-2701	О
52	Primary Pediatric Brain Tumors of the Posterior Fossa: Part I. 2023 , 389-420	О
51	EPITHELIOID GLIOBLASTOMA OF BRAIN: A RARE CASE REPORT WITH REVIEW OF LITERATURE. 2023 , 55-56	О
50	Unemployment Status Subsequent to Cancer Diagnosis and Therapies: A Systematic Review and Meta-Analysis. 2023 , 15, 1513	0
49	Clinical Characteristics, Management, and Outcomes of Intramedullary Spinal Cord Ependymomas in Adults: A Systematic Review. 2023 ,	О
48	Research progress in molecular pathology markers in medulloblastoma. 2023 , 4, 139-156	О
47	Epidemiology and risk stratification of low-grade gliomas in the United States, 2004-2019: A competing-risk regression model for survival analysis. 13,	О
46	Clinicopathologic analysis of pineal parenchymal tumors of intermediate differentiation: a multi-institutional cohort study by the Kyushu Neuro-Oncology Study Group.	0
45	Progress in phase III clinical trials of molecular targeted therapy and immunotherapy for glioblastoma.	O
44	Infrared Spectroscopy as a Potential Diagnostic Tool for Medulloblastoma. 2023 , 28, 2390	О
43	Nonconvulsive status epilepticus characteristics in glioma patients: a retrospective study. 2023 , 14,	O
42	MicroRNAs in the Diagnosis of Malignancy of Supratentorial Brain Gliomas and Prognosis of Disease Progression. 2023 ,	0
41	Lipid-core nanoparticles: Classification, preparation methods, routes of administration and recent advances in cancer treatment. 2023 , 314, 102871	O
40	Letter to the Editor Regarding âBmall Cell Glioblastoma of the Sella Turcica Region: Case Report and Review of the Literatureâ□ 2023 , 171, 185-189	0
39	Nucleolin promotes angiogenesis and endothelial metabolism along the onco-fetal axis in the human brain vasculature.	O
38	Microglia-mediated drug resistance by hijacking drug substances from glioma cells.	О
37	The Current State of Adult Glial Tumor PatientsâlCare in Kazakhstan: Challenges in Diagnosis and Patterns in Survival Outcomes. 2023 , 11, 886	O

36	A Segmentation of Brain Tissue Using Transfer Learning. 2022 ,	O
35	Medulloblastoma in adults: evaluation of the Dutch society for neuro-oncology treatment protocol. 2023 , 162, 225-235	O
34	Symptom networks in glioma patients: understanding the multidimensionality of symptoms and quality of life.	О
33	A review on surgical treatment options in gliomas. 13,	O
32	Interstitial photodynamic therapy for newly diagnosed glioblastoma. 2023, 162, 217-223	О
31	Antineoplastic Nature of WWOX in Glioblastoma Is Mainly a Consequence of Reduced Cell Viability and Invasion. 2023 , 12, 465	O
30	Combined Inhibition of Hedgehog and HDAC6: In Vitro and In Vivo Studies Reveal a New Role for Lysosomal Stress in Reducing Glioblastoma Cell Viability. 2023 , 24, 5771	О
29	Annotation-free glioma grading from pathological images using ensemble deep learning. 2023 , 9, e14654	O
28	Organ Transplants From Deceased Donors With Primary Brain Tumors and Risk of Cancer Transmission.	0
27	Neoplasms in the region of the pituitary fossa. 2013 , 819-833	O
26	Radiotherapy for Atypical Teratoid/Rhabdoid Tumor (ATRT) on the Pediatric Proton/Photon Consortium Registry (PPCR).	О
25	Classification and general concepts of CNS neoplasms. 2013 , 697-704	O
24	Astrocytic neoplasms. 2013, 705-728	0
23	Non-astrocytic gliomas. 2013 , 729-741	O
22	Awake craniotomy for high-grade gliomas âla prospective cohort study in a UK tertiary- centre.	0
21	Changes in calpain-2 expression during glioblastoma progression predisposes tumor cells to temozolomide resistance by minimizing DNA damage and p53-dependent apoptosis. 2023 , 23,	O
20	Mortality trends in primary malignant brain and central nervous system tumors vary by histopathology, age, race, and sex. 2023 , 162, 167-177	0
19	The Role of Radiotherapy in the Treatment of Higher-Grade Meningioma. 2023,	O

18	Distinct gene expression patterns of SOX2 and SOX2OT variants in different types of brain tumours. 2023 , 102,	О
17	Crosstalk between SOX Genes and Long Non-Coding RNAs in Glioblastoma. 2023 , 24, 6392	O
16	Unique cytologic and imaging features of a lumbosacral oligodendroglioma in a cat. 104063872311661	0
15	Data augmentation method based on the Gaussian kernel density for glioma diagnosis with Raman spectroscopy. 2023 , 15, 1861-1869	O
14	A Cell Type Selective YM155 Prodrug Targets Receptor-Interacting Protein Kinase 2 to Induce Brain Cancer Cell Death.	O
13	Ancient ubiquitous protein 1 (AUP1) is a prognostic biomarker connected with TP53 mutation and the inflamed microenvironments in glioma. 2023 , 23,	O
12	AQP4 as a new potential molecular biomarker for prognosis of LGG: comprehensive analysis based on online platforms. 2023 ,	0
11	Efficacy of three-dimensional arterial spin labeling and how it compares against that of contrast enhanced magnetic resonance imaging in preoperative grading of brain gliomas.	O
10	Amino Acid PET in Neurooncology. 264859	0
9	Clinicopathologic analysis of pineal parenchymal tumors of intermediate differentiation: a multi-institutional cohort study by the Kyushu Neuro-Oncology Study Group.	O
8	Management of Atypical and Anaplastic Meningiomas. 2023,	O
7	Assessment of brain tumour perfusion using early-phase 18F-FET -PET: comparison with perfusion-weighted MRI.	O
6	Galectin-3 Mediates Tumor Progression in Astrocytoma by Regulating Glycogen Synthase Kinase-3 Activity. 2023 , 45, 3591-3602	0
5	Low-coverage and cost-effective whole-genome sequencing assay for glioma risk stratification.	O
4	Increased frequency of pneumonia in dogs with meningioma in ventral rhombencephalon. 43,	O
3	Sonication is a suitable method for loading nanobody into glioblastoma small extracellular vesicles. 2023 , 9, e15674	O
2	The relationship between pathological brain activity and functional network connectivity in glioma patients.	0
1	TMIGD2 as a potential therapeutic target in glioma patients. 14,	O