

Chul-Kee Park

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

292 papers	6,830 citations	44 h-index	69 g-index
315 ext. papers	8,277 ext. citations	4.4 avg, IF	5.67 L-index

#	Paper	IF	Citations
292	Atypical and anaplastic meningiomas: prognostic implications of clinicopathological features. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2008 , 79, 574-80	5.5	186
291	Spatiotemporal Evolution of the Primary Glioblastoma Genome. <i>Cancer Cell</i> , 2015 , 28, 318-28	24.3	180
290	Anti-PD-1 antitumor immunity is enhanced by local and abrogated by systemic chemotherapy in GBM. <i>Science Translational Medicine</i> , 2016 , 8, 370ra180	17.5	178
289	Longitudinal molecular trajectories of diffuse glioma in adults. <i>Nature</i> , 2019 , 576, 112-120	50.4	151
288	Hearing preservation after gamma knife stereotactic radiosurgery of vestibular schwannoma. <i>Cancer</i> , 2005 , 104, 580-90	6.4	147
287	Spatiotemporal genomic architecture informs precision oncology in glioblastoma. <i>Nature Genetics</i> , 2017 , 49, 594-599	36.3	141
286	TIGIT and PD-1 dual checkpoint blockade enhances antitumor immunity and survival in GBM. <i>Onc Immunology</i> , 2018 , 7, e1466769	7.2	133
285	Differentiating radiation necrosis from tumor recurrence in high-grade gliomas: assessing the efficacy of 18F-FDG PET, 11C-methionine PET and perfusion MRI. <i>Clinical Neurology and Neurosurgery</i> , 2010 , 112, 758-65	2	128
284	Differentiation of true progression from pseudoprogression in glioblastoma treated with radiation therapy and concomitant temozolomide: comparison study of standard and high-b-value diffusion-weighted imaging. <i>Radiology</i> , 2013 , 269, 831-40	20.5	124
283	Dynamic regulation of RNA editing in human brain development and disease. <i>Nature Neuroscience</i> , 2016 , 19, 1093-9	25.5	113
282	Let-7 microRNA inhibits the proliferation of human glioblastoma cells. <i>Journal of Neuro-Oncology</i> , 2011 , 102, 19-24	4.8	107
281	The role of adjuvant radiotherapy in atypical meningioma. <i>Journal of Neuro-Oncology</i> , 2013 , 115, 241-7	4.8	93
280	Flexible, sticky, and biodegradable wireless device for drug delivery to brain tumors. <i>Nature Communications</i> , 2019 , 10, 5205	17.4	91
279	Surgically treated tuberculum sellae and diaphragm sellae meningiomas: the importance of short-term visual outcome. <i>Neurosurgery</i> , 2006 , 59, 238-43; discussion 238-43	3.2	89
278	Glioblastoma treated with concurrent radiation therapy and temozolomide chemotherapy: differentiation of true progression from pseudoprogression with quantitative dynamic contrast-enhanced MR imaging. <i>Radiology</i> , 2015 , 274, 830-40	20.5	83
277	Diffusion-weighted MR imaging for the differentiation of true progression from pseudoprogression following concomitant radiotherapy with temozolomide in patients with newly diagnosed high-grade gliomas. <i>Academic Radiology</i> , 2012 , 19, 1353-61	4.3	79
276	CBIO-27TUMOR SUPPRESSION EFFECT OF mir-29b IN GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2015 , 17, v60.4-v60		78

275	SURG-05. EXPERIENCE PROFILING OF FLUORESCENCE-GUIDED SURGERY FOR GLIOMAS. <i>Neuro-Oncology</i> , 2019 , 21, vi240-vi241	1	78
274	ACTR-50. EFFECT OF CONCURRENT AND ADJUVANT TEMOZOLOMIDE ON SURVIVAL IN PATIENTS WITH NEWLY DIAGNOSED GRADE III GLIOMAS WITHOUT 1p/19q CO-DELETION: A RANDOMIZED, OPEN-LABEL, PHASE 2 STUDY (INTERIM RESULTS FROM THE KNOG-1101 STUDY). <i>Neuro-Oncology</i> , 2018 , 20, vi23-vi23	1	78
273	CBMT-30. ASSESSMENT OF PRECEDENCE RELATIONSHIPS BETWEEN IDH1 MUTATION AND GLS2 EXPRESSION ON 5-ALA FLUORESCENCE IN GLIOMAS. <i>Neuro-Oncology</i> , 2018 , 20, vi39-vi39	1	78
272	Evaluation of the microenvironmental heterogeneity in high-grade gliomas with IDH1/2 gene mutation using histogram analysis of diffusion-weighted imaging and dynamic-susceptibility contrast perfusion imaging. <i>Journal of Neuro-Oncology</i> , 2015 , 121, 141-50	4.8	75
271	Sox2 expression in brain tumors: a reflection of the neuroglial differentiation pathway. <i>American Journal of Surgical Pathology</i> , 2008 , 32, 103-12	6.7	72
270	True progression versus pseudoprogression in the treatment of glioblastomas: a comparison study of normalized cerebral blood volume and apparent diffusion coefficient by histogram analysis. <i>Korean Journal of Radiology</i> , 2013 , 14, 662-72	6.9	68
269	Microhemorrhage, a possible mechanism for cyst formation in vestibular schwannomas. <i>Journal of Neurosurgery</i> , 2006 , 105, 576-80	3.2	67
268	Therapeutic administration of IL-15 superagonist complex ALT-803 leads to long-term survival and durable antitumor immune response in a murine glioblastoma model. <i>International Journal of Cancer</i> , 2016 , 138, 187-94	7.5	67
267	Glioma: Application of histogram analysis of pharmacokinetic parameters from T1-weighted dynamic contrast-enhanced MR imaging to tumor grading. <i>American Journal of Neuroradiology</i> , 2014 , 35, 1103-10	4.4	65
266	Therapeutic strategy for large vestibular schwannomas. <i>Journal of Neuro-Oncology</i> , 2006 , 77, 167-71	4.8	64
265	Gamma knife radiosurgery for skull base meningiomas: long-term radiologic and clinical outcome. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008 , 72, 1324-32	4	60
264	The selection of the optimal therapeutic strategy for petroclival meningiomas. <i>World Neurosurgery</i> , 2006 , 66, 160-5; discussion 165-6		59
263	Meningioma manifesting intracerebral haemorrhage: a possible mechanism of haemorrhage. <i>Acta Neurochirurgica</i> , 2000 , 142, 165-8	3	58
262	Transoral protrusion of a peritoneal catheter: a case report and literature review. <i>Childs Nervous System</i> , 2000 , 16, 184-9	1.7	57
261	Optimal extent of resection in vestibular schwannoma surgery: relationship to recurrence and facial nerve preservation. <i>Neurologia Medico-Chirurgica</i> , 2006 , 46, 176-80; discussion 180-1	2.6	56
260	An Updated Nationwide Epidemiology of Primary Brain Tumors in Republic of Korea, 2013. <i>Brain Tumor Research and Treatment</i> , 2017 , 5, 16-23	1.4	51
259	The frequency and prognostic effect of TERT promoter mutation in diffuse gliomas. <i>Acta Neuropathologica Communications</i> , 2017 , 5, 62	7.3	50
258	The role of surgical resection in the management of brain metastasis: a 17-year longitudinal study. <i>Acta Neurochirurgica</i> , 2013 , 155, 389-97	3	50

257	Interplay between TRAP1 and Sirtuin-3 Modulates Mitochondrial Respiration and Oxidative Stress to Maintain Stemness of Glioma Stem Cells. <i>Cancer Research</i> , 2019 , 79, 1369-1382	10.1	48
256	A practical scoring system to determine whether to proceed with surgical resection in recurrent glioblastoma. <i>Neuro-Oncology</i> , 2013 , 15, 1096-101	1	48
255	Analysis of the BRAF(V600E) Mutation in Central Nervous System Tumors. <i>Translational Oncology</i> , 2012 , 5, 430-6	4.9	48
254	Microcystic meningiomas: radiological characteristics of 16 cases. <i>Acta Neurochirurgica</i> , 2005 , 147, 965-72; discussion 972	3	48
253	Hearing outcomes after stereotactic radiosurgery for unilateral intracanalicular vestibular schwannomas: implication of transient volume expansion. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013 , 85, 61-7	4	47
252	Usefulness of MS-MLPA for detection of MGMT promoter methylation in the evaluation of pseudoprogression in glioblastoma patients. <i>Neuro-Oncology</i> , 2011 , 13, 195-202	1	47
251	Gamma knife radiosurgery for central neurocytoma: primary and secondary treatment. <i>Cancer</i> , 2007 , 110, 2276-84	6.4	46
250	Identification of brain tumour initiating cells using the stem cell marker aldehyde dehydrogenase. <i>European Journal of Cancer</i> , 2014 , 50, 137-49	7.5	45
249	Papillary glioneuronal tumors: a review of clinicopathologic and molecular genetic studies. <i>American Journal of Surgical Pathology</i> , 2011 , 35, 1794-805	6.7	45
248	Molecular Testing of Brain Tumor. <i>Journal of Pathology and Translational Medicine</i> , 2017 , 51, 205-223	2.9	44
247	The enigma of bifocal germ cell tumors in the suprasellar and pineal regions: synchronous lesions or metastasis?. <i>Journal of Neurosurgery: Pediatrics</i> , 2013 , 11, 107-14	2.1	44
246	Relationship between radiological characteristics and combined 1p and 19q deletion in World Health Organization grade III oligodendroglial tumours. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2011 , 82, 224-7	5.5	44
245	Chromosome 1p and 19q status and p53 and p16 expression patterns as prognostic indicators of oligodendroglial tumors: a clinicopathological study using fluorescence in situ hybridization. <i>Neuropathology</i> , 2007 , 27, 10-20	2	43
244	Surgical outcome and prognostic factors of pediatric epilepsy caused by cortical dysplasia. <i>Childs Nervous System</i> , 2006 , 22, 586-92	1.7	43
243	Radiogenomics correlation between MR imaging features and major genetic profiles in glioblastoma. <i>European Radiology</i> , 2018 , 28, 4350-4361	8	42
242	Toxicity profile of temozolomide in the treatment of 300 malignant glioma patients in Korea. <i>Journal of Korean Medical Science</i> , 2014 , 29, 980-4	4.7	42
241	Cerebral blood volume calculated by dynamic susceptibility contrast-enhanced perfusion MR imaging: preliminary correlation study with glioblastoma genetic profiles. <i>PLoS ONE</i> , 2013 , 8, e71704	3.7	42
240	Radiosurgery for large brain metastases. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012 , 83, 113-20	4	41

239	Over-expression of miR-145 enhances the effectiveness of HSVtk gene therapy for malignant glioma. <i>Cancer Letters</i> , 2012 , 320, 72-80	9.9	41
238	Expression level of hTERT is regulated by somatic mutation and common single nucleotide polymorphism at promoter region in glioblastoma. <i>Oncotarget</i> , 2014 , 5, 3399-407	3.3	41
237	Immunohistochemical Analysis of ATRX, IDH1 and p53 in Glioblastoma and Their Correlations with Patient Survival. <i>Journal of Korean Medical Science</i> , 2016 , 31, 1208-14	4.7	40
236	Clinical and neuroimaging outcome of cerebral arteriovenous malformations after Gamma Knife surgery: analysis of the radiation injury rate depending on the arteriovenous malformation volume. <i>Journal of Neurosurgery</i> , 2008 , 109, 191-8	3.2	39
235	Long-term outcome of conventional radiation therapy for central neurocytoma. <i>Journal of Neuro-Oncology</i> , 2008 , 90, 25-30	4.8	39
234	Primary diffuse leptomeningeal glioneuronal tumors. <i>Brain Tumor Pathology</i> , 2015 , 32, 49-55	3.2	38
233	Differentiation of Glioblastoma from Brain Metastasis: Qualitative and Quantitative Analysis Using Arterial Spin Labeling MR Imaging. <i>PLoS ONE</i> , 2016 , 11, e0166662	3.7	37
232	Cerebral blood volume analysis in glioblastomas using dynamic susceptibility contrast-enhanced perfusion MRI: a comparison of manual and semiautomatic segmentation methods. <i>PLoS ONE</i> , 2013 , 8, e69323	3.7	36
231	TERT promoter mutation and its interaction with IDH mutations in glioma: Combined TERT promoter and IDH mutations stratifies lower-grade glioma into distinct survival subgroups-A meta-analysis of aggregate data. <i>Critical Reviews in Oncology/Hematology</i> , 2017 , 120, 1-9	7	34
230	Tumor blood flow from arterial spin labeling perfusion MRI: a key parameter in distinguishing high-grade gliomas from primary cerebral lymphomas, and in predicting genetic biomarkers in high-grade gliomas. <i>Journal of Magnetic Resonance Imaging</i> , 2013 , 38, 852-60	5.6	34
229	The Changes in MGMT Promoter Methylation Status in Initial and Recurrent Glioblastomas. <i>Translational Oncology</i> , 2012 , 5, 393-7	4.9	34
228	Endogenous neurogenesis and neovascularization in the neocortex of the rat after focal cerebral ischemia. <i>Journal of Neuroscience Research</i> , 2008 , 86, 356-67	4.4	34
227	Gamma Knife surgery and trigeminal schwannoma: is it possible to preserve cranial nerve function?. <i>Journal of Neurosurgery</i> , 2007 , 107, 727-32	3.2	34
226	Correlation of apparent diffusion coefficient values measured by diffusion MRI and MGMT promoter methylation semiquantitatively analyzed with MS-MLPA in patients with glioblastoma multiforme. <i>Journal of Magnetic Resonance Imaging</i> , 2013 , 37, 351-8	5.6	33
225	An NMR metabolomics approach for the diagnosis of leptomeningeal carcinomatosis in lung adenocarcinoma cancer patients. <i>International Journal of Cancer</i> , 2015 , 136, 162-71	7.5	32
224	Recurrent Glioblastomas Reveal Molecular Subtypes Associated with Mechanistic Implications of Drug-Resistance. <i>PLoS ONE</i> , 2015 , 10, e0140528	3.7	32
223	Central neurocytoma: long-term outcomes of multimodal treatments and management strategies based on 30 years experience in a single institute. <i>Neurosurgery</i> , 2013 , 72, 407-13; discussion 413-4	3.2	32
222	Gliomas: application of cumulative histogram analysis of normalized cerebral blood volume on 3 T MRI to tumor grading. <i>PLoS ONE</i> , 2013 , 8, e63462	3.7	32

221	IDH1 mutation of gliomas with long-term survival analysis. <i>Oncology Reports</i> , 2012 , 28, 1639-44	3.5	32
220	Outcomes After Transcranial and Endoscopic Endonasal Approach for Tuberculum Meningiomas-A Retrospective Comparison. <i>World Neurosurgery</i> , 2018 , 109, e434-e445	2.1	32
219	Early significant tumor volume reduction after radiosurgery in brain metastases from renal cell carcinoma results in long-term survival. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012 , 82, 1749-55	4	31
218	Methylation status of the MGMT gene promoter fails to predict the clinical outcome of glioblastoma patients treated with ACNU plus cisplatin. <i>Neuropathology</i> , 2009 , 29, 443-9	2	31
217	Expression of Sox2 in mature and immature teratomas of central nervous system. <i>Modern Pathology</i> , 2007 , 20, 742-8	9.8	31
216	Mechanism for enhanced 5-aminolevulinic acid fluorescence in isocitrate dehydrogenase 1 mutant malignant gliomas. <i>Oncotarget</i> , 2015 , 6, 20266-77	3.3	30
215	Intramedullary spinal cord ganglioglioma: a report of five cases. <i>Acta Neurochirurgica</i> , 2000 , 142, 547-52	3	30
214	Acute intracranial bleeding and recurrence after bur hole craniostomy for chronic subdural hematoma. <i>Journal of Neurosurgery</i> , 2015 , 123, 65-74	3.2	29
213	Gamma Knife stereotactic radiosurgery for intracranial hemangiopericytomas. <i>Journal of Neuro-Oncology</i> , 2010 , 99, 115-22	4.8	28
212	HOXA10 is associated with temozolomide resistance through regulation of the homologous recombinant DNA repair pathway in glioblastoma cell lines. <i>Genes and Cancer</i> , 2014 , 5, 165-174	2.9	28
211	Underexpression of HOXA11 Is Associated with Treatment Resistance and Poor Prognosis in Glioblastoma. <i>Cancer Research and Treatment</i> , 2017 , 49, 387-398	5.2	28
210	Endoscopic endonasal approach for craniopharyngioma: the importance of the relationship between pituitary stalk and tumor. <i>Journal of Neurosurgery</i> , 2018 , 129, 611-619	3.2	27
209	Clinicopathological and genetic characteristics of extraventricular neurocytomas. <i>Neuropathology</i> , 2013 , 33, 111-21	2	27
208	Falx meningiomas: surgical results and lessons learned from 68 cases. <i>Journal of Korean Neurosurgical Society</i> , 2007 , 42, 276-80	2.3	27
207	C-MET overexpression and amplification in gliomas. <i>International Journal of Clinical and Experimental Pathology</i> , 2015 , 8, 14932-8	1.4	27
206	Novel recursive partitioning analysis classification for newly diagnosed glioblastoma: A multi-institutional study highlighting the MGMT promoter methylation and IDH1 gene mutation status. <i>Radiotherapy and Oncology</i> , 2017 , 123, 106-111	5.3	26
205	Restoration of miR-29b exerts anti-cancer effects on glioblastoma. <i>Cancer Cell International</i> , 2017 , 17, 104	6.4	26
204	O6-methylguanine DNA methyltransferase status determined by promoter methylation and immunohistochemistry in gliosarcoma and their clinical implications. <i>Journal of Neuro-Oncology</i> , 2011 , 101, 477-86	4.8	26

203	Radiotherapy followed by adjuvant temozolomide with or without neoadjuvant ACNU-CDDP chemotherapy in newly diagnosed glioblastomas: a prospective randomized controlled multicenter phase III trial. <i>Journal of Neuro-Oncology</i> , 2011 , 103, 595-602	4.8	25
202	Increased Antiangiogenic Effect by Blocking CCL2-dependent Macrophages in a Rodent Glioblastoma Model: Correlation Study with Dynamic Susceptibility Contrast Perfusion MRI. <i>Scientific Reports</i> , 2019 , 9, 11085	4.9	24
201	MGMT promoter gene methylation in pediatric glioblastoma: analysis using MS-MLPA. <i>Childs Nervous System</i> , 2011 , 27, 1877-83	1.7	24
200	Protective role of COMP-Ang1 in ischemic rat brain. <i>Journal of Neuroscience Research</i> , 2010 , 88, 1052-63	4.4	24
199	Experience with 5-aminolevulinic Acid in fluorescence-guided resection of a deep sylvian meningioma. <i>Journal of Korean Neurosurgical Society</i> , 2012 , 52, 558-60	2.3	24
198	Dynamic contrast-enhanced MR imaging in predicting progression of enhancing lesions persisting after standard treatment in glioblastoma patients: a prospective study. <i>European Radiology</i> , 2017 , 27, 3156-3166	8	23
197	A distinct subpopulation within CD133 positive brain tumor cells shares characteristics with endothelial progenitor cells. <i>Cancer Letters</i> , 2012 , 324, 221-30	9.9	23
196	Histone deacetylase inhibitor panobinostat potentiates the anti-cancer effects of mesenchymal stem cell-based sTRAIL gene therapy against malignant glioma. <i>Cancer Letters</i> , 2019 , 442, 161-169	9.9	23
195	Radiosurgery for central neurocytoma: long-term outcome and failure pattern. <i>Journal of Neuro-Oncology</i> , 2013 , 115, 505-11	4.8	22
194	Multifarious proteomic signatures and regional heterogeneity in glioblastomas. <i>Journal of Neuro-Oncology</i> , 2009 , 94, 31-9	4.8	22
193	Clinical outcomes of an endoscopic transclival and transpetrosal approach for primary skull base malignancies involving the clivus. <i>Journal of Neurosurgery</i> , 2018 , 128, 1454-1462	3.2	21
192	Papillary tumor of pineal region presenting with leptomeningeal seeding. <i>Neuropathology</i> , 2010 , 30, 654-60	2	21
191	Prognosis prediction of non-enhancing T2 high signal intensity lesions in glioblastoma patients after standard treatment: application of dynamic contrast-enhanced MR imaging. <i>European Radiology</i> , 2017 , 27, 1176-1185	8	20
190	Clinical observation of lymphopenia in patients with newly diagnosed glioblastoma. <i>Journal of Neuro-Oncology</i> , 2019 , 143, 321-328	4.8	20
189	Independent Poor Prognostic Factors for True Progression after Radiation Therapy and Concomitant Temozolomide in Patients with Glioblastoma: Subependymal Enhancement and Low ADC Value. <i>American Journal of Neuroradiology</i> , 2015 , 36, 1846-52	4.4	20
188	Predictors of survival for patients with cancer after cryptogenic stroke. <i>Journal of Neuro-Oncology</i> , 2016 , 128, 277-84	4.8	20
187	Concurrent Chemoradiotherapy with Temozolomide Followed by Adjuvant Temozolomide for Newly Diagnosed Glioblastoma Patients: A Retrospective Multicenter Observation Study in Korea. <i>Cancer Research and Treatment</i> , 2017 , 49, 193-203	5.2	20
186	Long-term Outcomes of Gamma Knife Stereotactic Radiosurgery of Vestibular Schwannomas. <i>Journal of Korean Neurosurgical Society</i> , 2007 , 42, 286-92	2.3	20

185	Distinct genomic profile and specific targeted drug responses in adult cerebellar glioblastoma. <i>Neuro-Oncology</i> , 2019 , 21, 47-58	1	19
184	Extended endoscopic endonasal approach for recurrent or residual adult craniopharyngiomas. <i>Acta Neurochirurgica</i> , 2014 , 156, 1917-22	3	19
183	Seizures during the management of high-grade gliomas: clinical relevance to disease progression. <i>Journal of Neuro-Oncology</i> , 2013 , 113, 101-9	4.8	19
182	MR imaging findings of extraventricular neurocytoma: a series of ten patients confirmed by immunohistochemistry of IDH1 gene mutation. <i>Acta Neurochirurgica</i> , 2012 , 154, 1973-79; discussion 1980	3	19
181	Meningeal Solitary Fibrous Tumors with Delayed Extracranial Metastasis. <i>Journal of Pathology and Translational Medicine</i> , 2016 , 50, 113-21	2.9	19
180	Penta-fluorophenol: a Smiles rearrangement-inspired cysteine-selective fluorescent probe for imaging of human glioblastoma. <i>Chemical Science</i> , 2020 , 11, 5658-5668	9.4	18
179	The value of temozolomide in combination with radiotherapy during standard treatment for newly diagnosed glioblastoma. <i>Journal of Neuro-Oncology</i> , 2013 , 112, 277-83	4.8	18
178	Temozolomide during and after radiation therapy for WHO grade III gliomas: preliminary report of a prospective multicenter study. <i>Journal of Neuro-Oncology</i> , 2011 , 103, 503-12	4.8	18
177	Investigation of molecular factors associated with malignant transformation of oligodendroglioma by proteomic study of a single case of rapid tumor progression. <i>Journal of Cancer Research and Clinical Oncology</i> , 2008 , 134, 255-62	4.9	18
176	Glutaminase 2 expression is associated with regional heterogeneity of 5-aminolevulinic acid fluorescence in glioblastoma. <i>Scientific Reports</i> , 2017 , 7, 12221	4.9	17
175	The clinicopathologic values of the molecules associated with the main pathogenesis of the glioblastoma. <i>Journal of the Neurological Sciences</i> , 2010 , 294, 112-8	3.2	17
174	Radiosurgery for atypical and anaplastic meningiomas: histopathological predictors of local tumor control. <i>Stereotactic and Functional Neurosurgery</i> , 2012 , 90, 316-24	1.6	17
173	Longitudinal analysis of visual outcomes after surgical treatment of adult craniopharyngiomas. <i>Neurosurgery</i> , 2012 , 71, 715-21	3.2	17
172	Rhabdoid glioblastoma is distinguishable from classical glioblastoma by cytogenetics and molecular genetics. <i>Human Pathology</i> , 2014 , 45, 611-20	3.7	16
171	IDH2 mutation in gliomas including novel mutation. <i>Neuropathology</i> , 2015 , 35, 236-44	2	16
170	Recursive partitioning analysis of prognostic factors in WHO grade III glioma patients treated with radiotherapy or radiotherapy plus chemotherapy. <i>BMC Cancer</i> , 2009 , 9, 450	4.8	16
169	Radiosurgery for brain metastasis from advanced gastric cancer. <i>Acta Neurochirurgica</i> , 2010 , 152, 605-10	3	15
168	Petroclival meningiomas: long-term outcomes of multimodal treatments and management strategies based on 30 years of experience at a single institution. <i>Journal of Neurosurgery</i> , 2019 , 132, 1675-1682	3.2	15

167	Radiogenomics Profiling for Glioblastoma-related Immune Cells Reveals CD49d Expression Correlation with MRI parameters and Prognosis. <i>Scientific Reports</i> , 2018 , 8, 16022	4.9	15
166	Prediction of Response to Concurrent Chemoradiotherapy with Temozolomide in Glioblastoma: Application of Immediate Post-Operative Dynamic Susceptibility Contrast and Diffusion-Weighted MR Imaging. <i>Korean Journal of Radiology</i> , 2015 , 16, 1341-8	6.9	14
165	Double suicide gene therapy using human neural stem cells against glioblastoma: double safety measures. <i>Journal of Neuro-Oncology</i> , 2014 , 116, 49-57	4.8	14
164	Tissue expression of manganese superoxide dismutase is a candidate prognostic marker for glioblastoma. <i>Oncology</i> , 2009 , 77, 178-81	3.6	14
163	Early response evaluation for recurrent high grade gliomas treated with bevacizumab: a volumetric analysis using diffusion-weighted imaging. <i>Journal of Neuro-Oncology</i> , 2013 , 112, 427-35	4.8	13
162	BCAT1 is a New MR Imaging-related Biomarker for Prognosis Prediction in IDH1-wildtype Glioblastoma Patients. <i>Scientific Reports</i> , 2017 , 7, 17740	4.9	13
161	Metabolomic comparison between cells over-expressing isocitrate dehydrogenase 1 and 2 mutants and the effects of an inhibitor on the metabolism. <i>Journal of Neurochemistry</i> , 2015 , 132, 183-93	6	13
160	Hearing preservation in patients with unilateral vestibular schwannoma who undergo stereotactic radiosurgery: Reinterpretation of the auditory brainstem response. <i>Cancer</i> , 2012 , 118, 5441-7	6.4	13
159	Recurrent juvenile nasopharyngeal angiofibroma treated with gamma knife surgery. <i>Journal of Korean Medical Science</i> , 2006 , 21, 773-7	4.7	13
158	LTBK-08. TOCA 511 & TOCA FC VERSUS STANDARD OF CARE IN PATIENTS WITH RECURRENT HIGH GRADE GLIOMA. <i>Neuro-Oncology</i> , 2019 , 21, vi284-vi284	1	13
157	Arterial spin labeling perfusion-weighted imaging aids in prediction of molecular biomarkers and survival in glioblastomas. <i>European Radiology</i> , 2020 , 30, 1202-1211	8	13
156	Optimal strategy of gamma knife radiosurgery for craniopharyngiomas. <i>Journal of Neuro-Oncology</i> , 2018 , 140, 135-143	4.8	12
155	Prognosis prediction of measurable enhancing lesion after completion of standard concomitant chemoradiotherapy and adjuvant temozolomide in glioblastoma patients: application of dynamic susceptibility contrast perfusion and diffusion-weighted imaging. <i>PLoS ONE</i> , 2014 , 9, e113587	3.7	12
154	Malignant glioma: MR imaging by using 5-aminolevulinic acid in an animal model. <i>Radiology</i> , 2014 , 272, 720-30	20.5	12
153	Correlation of 11C-methionine PET and diffusion-weighted MRI: is there a complementary diagnostic role for gliomas?. <i>Nuclear Medicine Communications</i> , 2014 , 35, 720-6	1.6	12
152	Impact of interim progression during the surgery-to-radiotherapy interval and its predictors in glioblastoma treated with temozolomide-based radiochemotherapy. <i>Journal of Neuro-Oncology</i> , 2017 , 134, 169-175	4.8	12
151	Graphene oxide-quenching-based fluorescence in situ hybridization (G-FISH) to detect RNA in tissue: Simple and fast tissue RNA diagnostics. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019 , 16, 162-172	6	12
150	Recurrence Rate and Prognostic Factors for the Adult Craniopharyngiomas in Long-Term Follow-Up. <i>World Neurosurgery</i> , 2020 , 133, e211-e217	2.1	12

149	CKD-602, a camptothecin derivative, inhibits proliferation and induces apoptosis in glioma cell lines. <i>Oncology Reports</i> , 2009 , 21, 1413-9	3.5	12
148	A prospective randomized trial of the optimal dose of mannitol for intraoperative brain relaxation in patients undergoing craniotomy for supratentorial brain tumor resection. <i>Journal of Neurosurgery</i> , 2017 , 126, 1839-1846	3.2	11
147	Genomic dynamics associated with malignant transformation in IDH1 mutated gliomas. <i>Oncotarget</i> , 2015 , 6, 43653-66	3.3	11
146	Cerebrospinal fluid M staging for medulloblastoma: reappraisal of Chang@ M staging based on the CSF flow. <i>Neuro-Oncology</i> , 2011 , 13, 334-44	1	11
145	Efficacy of corticosteroids in hearing preservation after radiosurgery for vestibular schwannoma: a prospective study. <i>Stereotactic and Functional Neurosurgery</i> , 2011 , 89, 25-33	1.6	11
144	Combined use of susceptibility weighted magnetic resonance imaging sequences and dynamic susceptibility contrast perfusion weighted imaging to improve the accuracy of the differential diagnosis of recurrence and radionecrosis in high-grade glioma patients. <i>Oncotarget</i> , 2017 , 8, 20340-20353	3.3	11
143	Quantitative radiomic profiling of glioblastoma represents transcriptomic expression. <i>Oncotarget</i> , 2018 , 9, 6336-6345	3.3	11
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