

Chul-Kee Park

List of Publications by Year in Descending Order

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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	Histopathological predictors of progression-free survival in atypical meningioma: a single-center retrospective cohort and meta-analysis.. <i>Brain Tumor Pathology</i> , 2022 , 1	3.2	2
291	Genome-wide perturbations of Alu expression and Alu-associated post-transcriptional regulations distinguish oligodendroglioma from other gliomas.. <i>Communications Biology</i> , 2022 , 5, 62	6.7	0
290	Spatial immune heterogeneity of hypoxia-induced exhausted features in high-grade glioma.. <i>OncoImmunology</i> , 2022 , 11, 2026019	7.2	3
289	Nanopore 16S sequencing enhances the detection of bacterial meningitis after neurosurgery.. <i>Annals of Clinical and Translational Neurology</i> , 2022 ,	5.3	2
288	Navigation of frameless fixation for gamma knife radiosurgery using fixed augmented reality.. <i>Scientific Reports</i> , 2022 , 12, 4486	4.9	0
287	Subcellular progression of mesenchymal transition identified by two discrete synchronous cell lines derived from the same glioblastoma.. <i>Cellular and Molecular Life Sciences</i> , 2022 , 79, 181	10.3	
286	Pyridine-NBD: A homocysteine-selective fluorescent probe for glioblastoma (GBM) diagnosis based on a blood test.. <i>Analytica Chimica Acta</i> , 2022 , 1202, 339678	6.6	0
285	Added Value of Contrast Leakage Information over the CBV Value of DSC Perfusion MRI to Differentiate between Pseudoprogression and True Progression after Concurrent Chemoradiotherapy in Glioblastoma Patients. <i>Investigative Magnetic Resonance Imaging</i> , 2022 , 26, 10		1
284	Preservation of language function by mapping the arcuate fasciculus using intraoperative corticocortical evoked potential under general anesthesia in glioma surgery.. <i>Journal of Neurosurgery</i> , 2022 , 1-9	3.2	
283	The Role of Postoperative Radiotherapy in Intracranial Solitary Fibrous Tumor/Hemangiopericytoma: A Multi-Institutional Retrospective Study (KROG 18-11). <i>Cancer Research and Treatment</i> , 2021 ,	5.2	4
282	Methylation and molecular profiles of ependymoma: Influence of patient age and tumor anatomic location. <i>Molecular and Clinical Oncology</i> , 2021 , 14, 88	1.6	2
281	Clinical and Genomic Characteristics of Adult Diffuse Midline Glioma. <i>Cancer Research and Treatment</i> , 2021 , 53, 389-398	5.2	2
280	A Nationwide, Population-Based Epidemiology Study of Primary Central Nervous System Tumors in Korea, 2007-2016: A Comparison with United States Data. <i>Cancer Research and Treatment</i> , 2021 , 53, 355-366	5.2	7
279	Radiomics-based neural network predicts recurrence patterns in glioblastoma using dynamic susceptibility contrast-enhanced MRI. <i>Scientific Reports</i> , 2021 , 11, 9974	4.9	3
278	Human Glioblastoma Visualization: Triple Receptor-Targeting Fluorescent Complex of Dye, SIWV Tetra-Peptide, and Serum Albumin Protein. <i>ACS Sensors</i> , 2021 , 6, 2270-2280	9.2	2
277	Safety and Efficacy of Endoscopic Dorsum Sellar Resection for Access to Retroinfundibular or Upper Clival Tumors (Korean Society of Endoscopic Neurosurgery-008). <i>World Neurosurgery</i> , 2021 , 150, e675-e680	2.1	1
276	Clinical application of 3D virtual and printed models for cerebrovascular diseases. <i>Clinical Neurology and Neurosurgery</i> , 2021 , 206, 106719	2	2

275	Multiparametric magnetic resonance imaging features of a canine glioblastoma model. <i>PLoS ONE</i> , 2021 , 16, e0254448	3.7	0
274	Radiological assessment schedule for high-grade glioma patients during the surveillance period using parametric modeling. <i>Neuro-Oncology</i> , 2021 , 23, 837-847	1	2
273	H3 G34-mutant high-grade glioma. <i>Brain Tumor Pathology</i> , 2021 , 38, 4-13	3.2	7
272	The Korean Society for Neuro-Oncology (KSNO) Guideline for Adult Diffuse Midline Glioma: Version 2021.1. <i>Brain Tumor Research and Treatment</i> , 2021 , 9, 1-8	1.4	2
271	Long-Term Outcomes and Sequelae Analysis of Intracranial Germinoma: Need to Reduce the Extended-Field Radiotherapy Volume and Dose to Minimize Late Sequelae. <i>Cancer Research and Treatment</i> , 2021 , 53, 983-990	5.2	1
270	Radiological assessment schedule for 1p/19q-codeleted gliomas during the surveillance period using parametric modeling. <i>Neuro-Oncology Advances</i> , 2021 , 3, vdab069	0.9	
269	Comparison of Genetic Profiles and Prognosis of High-Grade Gliomas Using Quantitative and Qualitative MRI Features: A Focus on G3 Gliomas. <i>Korean Journal of Radiology</i> , 2021 , 22, 233-242	6.9	1
268	Prediction of Prognosis in Glioblastoma Using Radiomics Features of Dynamic Contrast-Enhanced MRI. <i>Korean Journal of Radiology</i> , 2021 , 22, 1514-1524	6.9	3
267	The Korean Society for Neuro-Oncology (KSNO) Guideline for Antiepileptic Drug Usage of Brain Tumor: Version 2021.1. <i>Brain Tumor Research and Treatment</i> , 2021 , 9, 9-15	1.4	1
266	Absolute quantification of tumor-infiltrating immune cells in high-grade glioma identifies prognostic and radiomics values. <i>Cancer Immunology, Immunotherapy</i> , 2021 , 70, 1995-2008	7.4	5
265	Promoter Methylation Status in Initial and Recurrent Glioblastoma: Correlation Study with DWI and DSC PWI Features. <i>American Journal of Neuroradiology</i> , 2021 , 42, 853-860	4.4	4
264	Adjuvant radiotherapy versus observation following gross total resection for atypical meningioma: a systematic review and meta-analysis. <i>Radiation Oncology</i> , 2021 , 16, 34	4.2	3
263	The prognostic significance of p16 expression pattern in diffuse gliomas. <i>Journal of Pathology and Translational Medicine</i> , 2021 , 55, 102-111	2.9	2
262	Clinical application of patient-specific 3D printing brain tumor model production system for neurosurgery. <i>Scientific Reports</i> , 2021 , 11, 7005	4.9	8
261	Development of an inside-out augmented reality technique for neurosurgical navigation. <i>Neurosurgical Focus</i> , 2021 , 51, E21	4.2	2
260	Outcomes of the endoscopic endonasal approach for tumors in the third ventricle or invading the third ventricle. <i>Journal of Clinical Neuroscience</i> , 2021 , 90, 302-310	2.2	2
259	Prognostic significance of the postoperative prognostic nutritional index in patients with glioblastoma: a retrospective study. <i>BMC Cancer</i> , 2021 , 21, 942	4.8	2
258	Revisiting vimentin: a negative surrogate marker of molecularly defined oligodendroglioma in adult type diffuse glioma. <i>Brain Tumor Pathology</i> , 2021 , 38, 271-282	3.2	0

257	The substantial loss of H3K27me3 can stratify risk in grade 2, but not in grade 3 meningioma. <i>Human Pathology</i> , 2021 , 115, 96-103	3.7	2
256	Safety of endoscopic endonasal biopsy for the pituitary stalk-hypothalamic lesions. <i>Pituitary</i> , 2021 , 1	4.3	0
255	Modulation of Nogo receptor 1 expression orchestrates myelin-associated infiltration of glioblastoma. <i>Brain</i> , 2021 , 144, 636-654	11.2	5
254	Chemoradiation in elderly patients with glioblastoma from the multi-institutional GBM-molRPA cohort: is short-course radiotherapy enough or is it a matter of selection?. <i>Journal of Neuro-Oncology</i> , 2020 , 148, 57-65	4.8	5
253	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
252	Postoperative radiotherapy for WHO grade II-III intracranial ependymoma in adults: An intergroup collaborative study (KROG 18-06/KNOG 18-01). <i>Radiotherapy and Oncology</i> , 2020 , 150, 4-11	5.3	5
251	A glioneuronal tumor with fusion. <i>Npj Genomic Medicine</i> , 2020 , 5, 24	6.2	1
250	Prognostication of anaplastic astrocytoma patients: application of contrast leakage information of dynamic susceptibility contrast-enhanced MRI and dynamic contrast-enhanced MRI. <i>European Radiology</i> , 2020 , 30, 2171-2181	8	4
249	RADT-35. POSTOPERATIVE RADIOTHERAPY FOR WHO GRADE III/IV INTRACRANIAL EPENDYMOMA IN ADULTS: AN INTERGROUP COLLABORATIVE STUDY (KROG 18-06/KNOG 18-01). <i>Neuro-Oncology</i> , 2020 , 22, ii189-ii189	1	
248	A National Consensus Survey for Current Practice in Brain Tumor Management II: Diffuse Midline Glioma and Meningioma. <i>Brain Tumor Research and Treatment</i> , 2020 , 8, 11-19	1.4	1
247	A National Consensus Survey for Current Practice in Brain Tumor Management III: Brain Metastasis and Primary Central Nervous System Lymphoma. <i>Brain Tumor Research and Treatment</i> , 2020 , 8, 20-28	1.4	1
246	A National Consensus Survey for Current Practice in Brain Tumor Management I: Antiepileptic Drug and Steroid Usage. <i>Brain Tumor Research and Treatment</i> , 2020 , 8, 1-10	1.4	3
245	Concurrent and Adjuvant Temozolomide for Newly Diagnosed Grade III Gliomas without 1p/19q Co-deletion: A Randomized, Open-Label, Phase 2 Study (KNOG-1101 Study). <i>Cancer Research and Treatment</i> , 2020 , 52, 505-515	5.2	2
244	Intracranial Metaplastic Meningioma : Clinical and Radiological Characteristics of 11 Cases. <i>Journal of Korean Neurosurgical Society</i> , 2020 , 63, 657-663	2.3	1
243	Reduced-dose whole-brain radiotherapy with tumor bed boost after upfront high-dose methotrexate for primary central nervous system lymphoma. <i>Radiation Oncology Journal</i> , 2020 , 38, 35-43	3.5	6
242	Interim Tumor Progression and Volumetric Changes of Surgical Cavities during the Surgery-to-Radiotherapy Interval in Anaplastic Gliomas: Implications for Additional Pre-radiotherapy Magnetic Resonance Imaging. <i>Cancer Research and Treatment</i> , 2020 , 52, 524-529	5.2	2
241	Validation and optimization of a web-based nomogram for predicting survival of patients with newly diagnosed glioblastoma. <i>Strahlentherapie Und Onkologie</i> , 2020 , 196, 58-69	4.3	6
240	Long-term survivors of glioblastoma are a unique group of patients lacking universal characteristic features. <i>Neuro-Oncology Advances</i> , 2020 , 2, vdz056	0.9	2

239	Inhibition of MUC1 exerts cell-cycle arrest and telomerase suppression in glioblastoma cells. <i>Scientific Reports</i> , 2020 , 10, 18238	4.9	5
238	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
237	Effects of preoperative 5-aminolevulinic acid administration on postoperative liver enzymes after brain tumor surgery in patients with elevated preoperative liver enzymes. <i>Journal of Clinical Neuroscience</i> , 2020 , 72, 304-309	2.2	1
236	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
235	Dynamic Contrast-Enhanced MR Imaging of Nonenhancing T2 High-Signal-Intensity Lesions in Baseline and Posttreatment Glioblastoma: Temporal Change and Prognostic Value. <i>American Journal of Neuroradiology</i> , 2020 , 41, 49-56	4.4	8
234	Superselective pseudocontinuous arterial spin labeling in patients with meningioma: utility in prediction of feeding arteries and preoperative embolization feasibility. <i>Journal of Neurosurgery</i> , 2020 , 1-7	3.2	5
233	NPM1 as a potential therapeutic target for atypical teratoid/rhabdoid tumors. <i>BMC Cancer</i> , 2019 , 19, 848	4.8	10
232	Preoperative 5-aminolevulinic acid administration for brain tumor surgery is associated with an increase in postoperative liver enzymes: a retrospective cohort study. <i>Acta Neurochirurgica</i> , 2019 , 161, 2289-2298	3	3
231	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
230	Integrative analysis of DNA methylation suggests down-regulation of oncogenic pathways and reduced somatic mutation rates in survival outliers of glioblastoma. <i>Acta Neuropathologica Communications</i> , 2019 , 7, 88	7.3	6
229	Clinical observation of lymphopenia in patients with newly diagnosed glioblastoma. <i>Journal of Neuro-Oncology</i> , 2019 , 143, 321-328	4.8	20
228	Distinct genomic profile and specific targeted drug responses in adult cerebellar glioblastoma. <i>Neuro-Oncology</i> , 2019 , 21, 47-58	1	19
227	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
226	Genome-wide investigation of intragenic DNA methylation identifies ZMIZ1 gene as a prognostic marker in glioblastoma and multiple cancer types. <i>International Journal of Cancer</i> , 2019 , 145, 3425-3435	7.5	9
225	Experience Profiling of Fluorescence-Guided Surgery I: Gliomas. <i>Brain Tumor Research and Treatment</i> , 2019 , 7, 98-104	1.4	4
224	Experience Profiling of Fluorescence-Guided Surgery II: Non-Glioma Pathologies. <i>Brain Tumor Research and Treatment</i> , 2019 , 7, 105-111	1.4	5
223	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
222	Positional effect of preoperative neuronavigational magnetic resonance image on accuracy of posterior fossa lesion localization. <i>Journal of Neurosurgery</i> , 2019 , 1-10	3.2	3

221	Flexible, sticky, and biodegradable wireless device for drug delivery to brain tumors. <i>Nature Communications</i> , 2019 , 10, 5205	17.4	91
220	SURG-05. EXPERIENCE PROFILING OF FLUORESCENCE-GUIDED SURGERY FOR GLIOMAS. <i>Neuro-Oncology</i> , 2019 , 21, vi240-vi241	1	78
219	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
218	Longitudinal molecular trajectories of diffuse glioma in adults. <i>Nature</i> , 2019 , 576, 112-120	50.4	151
217	Prognostic Predictions for Patients with Glioblastoma after Standard Treatment: Application of Contrast Leakage Information from DSC-MRI within Nonenhancing FLAIR High-Signal-Intensity Lesions. <i>American Journal of Neuroradiology</i> , 2019 , 40, 2052-2058	4.4	1
216	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
215	Effect of Dexmedetomidine Combined Anesthesia on Motor evoked Potentials During Brain Tumor Surgery. <i>World Neurosurgery</i> , 2019 , 123, e280-e287	2.1	7
214	Optimal extent of resection for glioblastoma according to site, extension, and size: a population-based study in the temozolomide era. <i>Neurosurgical Review</i> , 2019 , 42, 937-950	3.9	5
213	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
212	Genomic analysis of synchronous intracranial meningiomas with different histological grades. <i>Journal of Neuro-Oncology</i> , 2018 , 138, 41-48	4.8	2
211	Leakage correction improves prognosis prediction of dynamic susceptibility contrast perfusion MRI in primary central nervous system lymphoma. <i>Scientific Reports</i> , 2018 , 8, 456	4.9	5
210	Efficacy of adjuvant radiotherapy in the intracranial hemangiopericytoma. <i>Journal of Neuro-Oncology</i> , 2018 , 137, 567-573	4.8	10
209	Radiogenomics correlation between MR imaging features and major genetic profiles in glioblastoma. <i>European Radiology</i> , 2018 , 28, 4350-4361	8	42
208	Is Low-Lying Optic Chiasm an Obstacle to an Endoscopic Endonasal Approach for Retrochiasmatic Craniopharyngiomas? (Korean Society of Endoscopic Neurosurgery -003). <i>World Neurosurgery</i> , 2018 , 114, e306-e316	2.1	6
207	A Retrospective Analysis of the Outcomes of Dural Arteriovenous Fistulas Treated with Gamma Knife Radiosurgery: A Single-Institution Experience. <i>Stereotactic and Functional Neurosurgery</i> , 2018 , 96, 46-53	1.6	8
206	Multi-institutional study of treatment patterns in Korean patients with WHO grade II gliomas: KNOG 15-02 and KROG 16-04 intergroup study. <i>Journal of Neuro-Oncology</i> , 2018 , 138, 667-677	4.8	1
205	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
204	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

203	Optimal strategy of gamma knife radiosurgery for craniopharyngiomas. <i>Journal of Neuro-Oncology</i> , 2018 , 140, 135-143	4.8	12
202	Quantitative radiomic profiling of glioblastoma represents transcriptomic expression. <i>Oncotarget</i> , 2018 , 9, 6336-6345	3.3	11
201	Limitation of Intraoperative Transcranial Electrical Stimulation-Motor Evoked Potential Monitoring During Brain Tumor Resection Adjacent to the Primary Motor Cortex. <i>Annals of Rehabilitation Medicine</i> , 2018 , 42, 767-772	1.7	1
200	Outcomes After Transcranial and Endoscopic Endonasal Approach for Tuberculum Meningiomas-A Retrospective Comparison. <i>World Neurosurgery</i> , 2018 , 109, e434-e445	2.1	32
199	Differentiation of High-Grade from Low-Grade Astrocytoma: Improvement in Diagnostic Accuracy and Reliability of Pharmacokinetic Parameters from DCE MR Imaging by Using Arterial Input Functions Obtained from DSC MR Imaging. <i>Radiology</i> , 2018 , 286, 981-991	20.5	11
198	Loss of Pericytes in Radiation Necrosis after Glioblastoma Treatments. <i>Molecular Neurobiology</i> , 2018 , 55, 4918-4926	6.2	8
197	Reclassification of Mixed Oligoastrocytic Tumors Using a Genetically Integrated Diagnostic Approach. <i>Journal of Pathology and Translational Medicine</i> , 2018 , 52, 28-36	2.9	2
196	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
195	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
194	Evaluation of the safety and effectiveness of an alternative dural substitute using porcine pericardium for duraplasty in a large animal model. <i>Journal of Clinical Neuroscience</i> , 2018 , 58, 187-191	2.2	4
193	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
192	Validation of a novel molecular RPA classification in glioblastoma (GBM-molRPA) treated with chemoradiation: A multi-institutional collaborative study. <i>Radiotherapy and Oncology</i> , 2018 , 129, 347-351	5.3	11
191	TIGIT and PD-1 dual checkpoint blockade enhances antitumor immunity and survival in GBM. <i>Oncolmmunology</i> , 2018 , 7, e1466769	7.2	133
190	The Outcomes of Pituitary Apoplexy with Conservative Treatment: Experiences at a Single Institution. <i>World Neurosurgery</i> , 2018 , 115, e703-e710	2.1	9
189	Survival gain with re-Op/RT for recurred high-grade gliomas depends upon risk groups. <i>Radiotherapy and Oncology</i> , 2018 , 128, 254-259	5.3	10
188	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
187	Spatiotemporal genomic architecture informs precision oncology in glioblastoma. <i>Nature Genetics</i> , 2017 , 49, 594-599	36.3	141
186	A subpopulation of cancer stem cells identifies radiographic characteristics in glioblastoma. <i>Oncology Letters</i> , 2017 , 13, 1175-1182	2.6	2

185	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
184	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
183	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
182	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
181	Restoration of miR-29b exerts anti-cancer effects on glioblastoma. <i>Cancer Cell International</i> , 2017 , 17, 104	6.4	26
180	The frequency and prognostic effect of TERT promoter mutation in diffuse gliomas. <i>Acta Neuropathologica Communications</i> , 2017 , 5, 62	7.3	50
179	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
178	Molecular Testing of Brain Tumor. <i>Journal of Pathology and Translational Medicine</i> , 2017 , 51, 205-223	2.9	44
177	Differentiation between Glioblastoma and Primary Central Nervous System Lymphoma Using Dynamic Susceptibility Contrast-Enhanced Perfusion MR Imaging: Comparison Study of the Manual versus Semiautomatic Segmentation Method 2017 , 21, 9		5
176	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
175	Recursive partitioning analysis for disease progression in adult intracranial ependymoma patients. <i>Journal of Clinical Neuroscience</i> , 2017 , 46, 72-78	2.2	2
174	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
173	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
172	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
171	A novel histone deacetylase inhibitor, CKD5, has potent anti-cancer effects in glioblastoma. <i>Oncotarget</i> , 2017 , 8, 9123-9133	3.3	8
170	Post-bevacizumab Clinical Outcomes and the Impact of Early Discontinuation of Bevacizumab in Patients with Recurrent Malignant Glioma. <i>Cancer Research and Treatment</i> , 2017 , 49, 129-140	5.2	3
169	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
168	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

167	Gamma Knife Surgery for Recurrent or Residual Supratentorial Primitive Neuroectodermal Tumors. <i>Stereotactic and Functional Neurosurgery</i> , 2016 , 94, 273-278	1.6	1
166	Dynamic regulation of RNA editing in human brain development and disease. <i>Nature Neuroscience</i> , 2016 , 19, 1093-9	25.5	113
165	Predictors of survival for patients with cancer after cryptogenic stroke. <i>Journal of Neuro-Oncology</i> , 2016 , 128, 277-84	4.8	20
164	On the Utility of Short Echo Time (TE) Single Voxel 1H-MRS in Non-Invasive Detection of 2-Hydroxyglutarate (2HG); Challenges and Potential Improvement Illustrated with Animal Models Using MRUI and LCModel. <i>PLoS ONE</i> , 2016 , 11, e0147794	3.7	10
163	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
162	Assessment of bevacizumab resistance increased by expression of BCAT1 in IDH1 wild-type glioblastoma: application of DSC perfusion MR imaging. <i>Oncotarget</i> , 2016 , 7, 69606-69615	3.3	9
161	Meningeal Solitary Fibrous Tumors with Delayed Extracranial Metastasis. <i>Journal of Pathology and Translational Medicine</i> , 2016 , 50, 113-21	2.9	19
160	White Matter Change Revealed by Diffusion Tensor Imaging in Gliomas. <i>Brain Tumor Research and Treatment</i> , 2016 , 4, 100-106	1.4	9
159	MR Imaging Analysis of Non-Measurable Enhancing Lesions Newly Appearing after Concomitant Chemoradiotherapy in Glioblastoma Patients for Prognosis Prediction. <i>PLoS ONE</i> , 2016 , 11, e0166096	3.7	7
158	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
157	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
156	Effect of peripheral nerve tetanic stimulation on the inter-trial variability and accuracy of transcranial motor-evoked potential in brain surgery. <i>Clinical Neurophysiology</i> , 2016 , 127, 2208-13	4.3	5
155	The survival significance of a measurable enhancing lesion after completing standard treatment for newly diagnosed glioblastoma. <i>Journal of Clinical Neuroscience</i> , 2016 , 34, 145-150	2.2	1
154	Application of diffusion-weighted imaging and dynamic susceptibility contrast perfusion-weighted imaging for ganglioglioma in adults: Comparison study with oligodendroglioma. <i>Journal of Neuroradiology</i> , 2016 , 43, 331-8	3.1	8
153	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
152	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
151	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
150	[18F]-fluorodeoxyglucose and [11C]-methionine positron emission tomography in relation to methyl-guanine methyltransferase promoter methylation in high-grade gliomas. <i>Nuclear Medicine Communications</i> , 2015 , 36, 211-8	1.6	9

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