Jong Hee Chang

List of Publications by Year in Descending Order

215 papers	3,900 citations	32 h-index	51 g-index
227 ext. papers	5,141 ext. citations	4.1 avg, IF	5.52 L-index

#	Paper	IF	Citations
215	Clinical factors and conventional MRI may independently predict progression-free survival and overall survival in adult pilocytic astrocytomas.. *Neuroradiology*, **2022**, 1	3.2	1
214	A fully automatic multiparametric radiomics model for differentiation of adult pilocytic astrocytomas from glioblastomas.. *European Radiology*, **2022**, 1	8	1
213	Quality of Radiomics Research on Brain Metastasis: A Roadmap to Promote Clinical Translation.. *Korean Journal of Radiology*, **2022**, 23, 77-88	6.9	2
212	Association of Gene Promoter Methylation With Clinicopathological Parameters in Patients With Wild-type Glioblastoma.. *Anticancer Research*, **2022**, 42, 335-341	2.3	0
211	Early-onset adverse events after stereotactic radiosurgery for jugular foramen schwannoma: a mid-term follow-up single-center review of 46 cases.. *Radiation Oncology*, **2022**, 17, 89	4.2	
210	Radiomics and Deep Learning in Brain Metastases: Current Trends and Roadmap to Future Applications. *Investigative Magnetic Resonance Imaging*, **2021**, 25, 266		1
209	NIMG-22. PREDICTION OF GLIOBLASTOMA CELLULAR INFILTRATION AND RECURRENCE USING MACHINE LEARNING AND MULTI-PARAMETRIC MRI ANALYSIS: RESULTS FROM THE MULTI-INSTITUTIONAL RESPOND CONSORTIUM. *Neuro-Oncology*, **2021**, 23, vi132-vi133	1	1
208	Soluble ICAM-1 a Pivotal Communicator between Tumors and Macrophages, Promotes Mesenchymal Shift of Glioblastoma. *Advanced Science*, **2021**, e2102768	13.6	2
207	A novel biguanide (IM1761065) inhibits bioenergetics of glioblastoma tumorspheres. *Journal of Neuro-Oncology*, **2021**, 156, 139	4.8	0
206	Levetiracetam as a sensitizer of concurrent chemoradiotherapy in newly diagnosed glioblastoma: An open-label phase 2 study. *Cancer Medicine*, **2021**,	4.8	3
205	Radiomics-based prediction of multiple gene alteration incorporating mutual genetic information in glioblastoma and grade 4 astrocytoma, IDH-mutant. *Journal of Neuro-Oncology*, **2021**, 155, 267-276	4.8	1
204	Anterior skull base reconstruction using an anterolateral thigh free flap. *Archives of Craniofacial Surgery*, **2021**, 22, 232-238	1.3	2
203	The Role of Postoperative Radiotherapy in Intracranial Solitary Fibrous Tumor/Hemangiopericytoma: A Multi-Institutional Retrospective Study (KROG 18-11). *Cancer Research and Treatment*, **2021**,	5.2	4
202	Dynamic contrast-enhanced MRI may be helpful to predict response and prognosis after bevacizumab treatment in patients with recurrent high-grade glioma: comparison with diffusion tensor and dynamic susceptibility contrast imaging. *Neuroradiology*, **2021**, 63, 1811-1822	3.2	3
201	Triggered Electrooculography for Identification of Oculomotor and Abducens Nerves during Skull Base Surgery. *Journal of Korean Neurosurgical Society*, **2021**, 64, 282-288	2.3	1
200	Clinical and diffusion parameters may noninvasively predict TERT promoter mutation status in grade II meningiomas. *Journal of Neuroradiology*, **2021**, 49, 59-59	3.1	1
199	Magnetic Resonance Imaging Parameters for Noninvasive Prediction of Epidermal Growth Factor Receptor Amplification in Isocitrate Dehydrogenase-Wild-Type Lower-Grade Gliomas: A Multicenter Study. *Neurosurgery*, **2021**, 89, 257-265	3.2	3

198	Predictive Factors of Radiation-Induced Changes Following Single-Session Gamma Knife Radiosurgery for Arteriovenous Malformations. *Journal of Clinical Medicine*, **2021**, 10,	5.1	1
197	Quality assessment of meningioma radiomics studies: Bridging the gap between exploratory research and clinical applications. *European Journal of Radiology*, **2021**, 138, 109673	4.7	8
196	Identification of magnetic resonance imaging features for the prediction of molecular profiles of newly diagnosed glioblastoma. *Journal of Neuro-Oncology*, **2021**, 154, 83-92	4.8	2
195	Fully automated hybrid approach to predict the IDH mutation status of gliomas via deep learning and radiomics. *Neuro-Oncology*, **2021**, 23, 304-313	1	24
194	Diffusion tensor and postcontrast T1-weighted imaging radiomics to differentiate the epidermal growth factor receptor mutation status of brain metastases from non-small cell lung cancer. *Neuroradiology*, **2021**, 63, 343-352	3.2	8
193	Differentiation of recurrent diffuse glioma from treatment-induced change using amide proton transfer imaging: incremental value to diffusion and perfusion parameters. *Neuroradiology*, **2021**, 63, 363-372	3.2	6
192	The Korean Society for Neuro-Oncology (KSNO) Guideline for Adult Diffuse Midline Glioma: Version 2021.1. *Brain Tumor Research and Treatment*, **2021**, 9, 1-8	1.4	2
191	Combinatorial Therapeutic Effect of Inhibitors of Aldehyde Dehydrogenase and Mitochondrial Complex I, and the Chemotherapeutic Drug, Temozolomide against Glioblastoma Tumorspheres. *Molecules*, **2021**, 26,	4.8	2
190	The Korean Society for Neuro-Oncology (KSNO) Guideline for Antiepileptic Drug Usage of Brain Tumor: Version 2021.1. *Brain Tumor Research and Treatment*, **2021**, 9, 9-15	1.4	1
189	Intracranial Extraskeletal Myxoid Chondrosarcoma in Fourth Ventricle. *Brain Tumor Research and Treatment*, **2021**, 9, 75-80	1.4	
188	The behavior of residual tumors following incomplete surgical resection for vestibular schwannomas. *Scientific Reports*, **2021**, 11, 4665	4.9	0
187	Differentiation of recurrent glioblastoma from radiation necrosis using diffusion radiomics with machine learning model development and external validation. *Scientific Reports*, **2021**, 11, 2913	4.9	4
186	Stereotactic biopsy for adult brainstem lesions: A surgical approach and its diagnostic value according to the 2016 World Health Organization Classification. *Cancer Medicine*, **2021**, 10, 7514-7524	4.8	5
185	Efficacy of Whole-Ventricular Radiotherapy in Patients Undergoing Maximal Tumor Resection for Glioblastomas Involving the Ventricle. *Frontiers in Oncology*, **2021**, 11, 736482	5.3	1
184	A diagnostic tree for differentiation of adult pilocytic astrocytomas from high-grade gliomas. *European Journal of Radiology*, **2021**, 143, 109946	4.7	2
183	Endoscopic transorbital approach to the insular region: cadaveric feasibility study and clinical application (SevEN-005). *Journal of Neurosurgery*, **2021**, 1-9	3.2	3
182	MRI Features May Predict Molecular Features of Glioblastoma in Wild-Type Lower-Grade Gliomas. *American Journal of Neuroradiology*, **2021**, 42, 448-456	4.4	13
181	Influence of the Amount of Fresh Specimen on the Isolation of Tumor Mesenchymal Stem-Like Cells from High-Grade Glioma. *Yonsei Medical Journal*, **2021**, 62, 936-942	3	0

180	NIMG-39. RADIOMIC ANALYSIS FOR NON-INVASIVE IN VIVO PROGNOSTIC STRATIFICATION OF DE NOVO GLIOBLASTOMA PATIENTS: A MULTI-INSTITUTIONAL EVALUATION FOR GENERALIZABILITY IN THE RESPOND CONSORTIUM. *Neuro-Oncology*, **2021**, 23, vi137-vi137	1	
179	Patterns of recurrence according to the extent of resection in patients with IDH-wild-type glioblastoma: a retrospective study.. *Journal of Neurosurgery*, **2021**, 1-11	3.2	0
178	Co-expression of cancer driver genes: IDH-wildtype glioblastoma-derived tumorspheres. *Journal of Translational Medicine*, **2020**, 18, 482	8.5	2
177	Choroid Plexus as the Best Reference Region for Standardized Uptake Value Analysis on C11-Acetate PET/CT for Grading and Predicting Prognosis in Patients with Cerebral Gliomas. *Nuclear Medicine and Molecular Imaging*, **2020**, 54, 274-280	1.9	0
176	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?. *Journal of Neuro-Oncology*, **2020**, 148, 57-65	4.8	5
175	Gamma Knife Radiosurgery Followed by Flow-Reductive Embolization for Ruptured Arteriovenous Malformation. *Journal of Clinical Medicine*, **2020**, 9,	5.1	5
174	Postoperative radiotherapy for WHO grade II-III intracranial ependymoma in adults: An intergroup collaborative study (KROG 18-06/KNOG 18-01). *Radiotherapy and Oncology*, **2020**, 150, 4-11	5.3	5
173	Huge Anterior Skull Base Defect Reconstruction on Communicating Between Cranium and Nasal Cavity: Combination Flap of Galeal Flap and Reverse Temporalis Flap. *Journal of Craniofacial Surgery* , **2020**, 31, 436-439	1.2	2
172	A rare case of oligodendroglioma with gangliocytic differentiation in a 31-year-old male: importance of genetic testing for IDH1/2. *Brain Tumor Pathology*, **2020**, 37, 95-99	3.2	1
171	Crosstalk between GBM cells and mesenchymal stemlike cells promotes the invasiveness of GBM through the C5a/p38/ZEB1 axis. *Neuro-Oncology*, **2020**, 22, 1452-1462	1	16
170	Machine learning and radiomic phenotyping of lower grade gliomas: improving survival prediction. *European Radiology*, **2020**, 30, 3834-3842	8	16
169	AI-based prognostic imaging biomarkers for precision neuro-oncology: the ReSPOND consortium. *Neuro-Oncology*, **2020**, 22, 886-888	1	14
168	Association between survival and levetiracetam use in glioblastoma patients treated with temozolomide chemoradiotherapy. *Scientific Reports*, **2020**, 10, 10783	4.9	9
167	Integrated pharmaco-proteogenomics defines two subgroups in isocitrate dehydrogenase wild-type glioblastoma with prognostic and therapeutic opportunities. *Nature Communications*, **2020**, 11, 3288	17.4	18
166	Extent of resection and molecular pathologic subtype are potent prognostic factors of adult WHO grade II glioma. *Scientific Reports*, **2020**, 10, 2086	4.9	19
165	MR image phenotypes may add prognostic value to clinical features in IDH wild-type lower-grade gliomas. *European Radiology*, **2020**, 30, 3035-3045	8	3
164	Magnetic resonance imaging-based 3-dimensional fractal dimension and lacunarity analyses may predict the meningioma grade. *European Radiology*, **2020**, 30, 4615-4622	8	8
163	Comparison of Diagnostic Performance of Two-Dimensional and Three-Dimensional Fractal Dimension and Lacunarity Analyses for Predicting the Meningioma Grade. *Brain Tumor Research and Treatment*, **2020**, 8, 36-42	1.4	1

162	A National Consensus Survey for Current Practice in Brain Tumor Management II: Diffuse Midline Glioma and Meningioma. *Brain Tumor Research and Treatment*, **2020**, 8, 11-19	1.4	1
161	A National Consensus Survey for Current Practice in Brain Tumor Management III: Brain Metastasis and Primary Central Nervous System Lymphoma. *Brain Tumor Research and Treatment*, **2020**, 8, 20-28	1.4	1
160	Temporal Volume Change of Cavernous Sinus Cavernous Hemangiomas after Gamma Knife Surgery. *Yonsei Medical Journal*, **2020**, 61, 976-980	3	1
159	A National Consensus Survey for Current Practice in Brain Tumor Management I: Antiepileptic Drug and Steroid Usage. *Brain Tumor Research and Treatment*, **2020**, 8, 1-10	1.4	3
158	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). *Cancer Research and Treatment*, **2020**, 52, 505-515	5.2	2
157	Glioblastoma Cellular Origin and the Firework Pattern of Cancer Genesis from the Subventricular Zone. *Journal of Korean Neurosurgical Society*, **2020**, 63, 26-33	2.3	11
156	Survival, Prognostic Factors, and Volumetric Analysis of Extent of Resection for Anaplastic Gliomas. *Cancer Research and Treatment*, **2020**, 52, 1041-1049	5.2	2
155	Predicting survival using the 2016 World Health Organization classification for anaplastic glioma **2020**, 39, 188-195		4
154	A pilot study of levetiracetam as a sensitizer of temozolomide for newly diagnosed glioblastoma: A prospective, open-label, phase II study (KBTS-1601 study).. *Journal of Clinical Oncology*, **2020**, 38, 2560-2560	2.2	1
153	Validation and optimization of a web-based nomogram for predicting survival of patients with newly diagnosed glioblastoma. *Strahlentherapie Und Onkologie*, **2020**, 196, 58-69	4.3	6
152	Treatment Results for Recurrent Glioblastoma and Alteration of Programmed Death-Ligand 1 Expression After Recurrence. *World Neurosurgery*, **2020**, 135, e459-e467	2.1	3
151	Diffusion tensor imaging radiomics in lower-grade glioma: improving subtyping of isocitrate dehydrogenase mutation status. *Neuroradiology*, **2020**, 62, 319-326	3.2	14
150	Radiosurgery vs. microsurgery for newly diagnosed, small petroclival meningiomas with trigeminal neuralgia. *Neurosurgical Review*, **2020**, 43, 1631-1640	3.9	6
149	Ambient carbon monoxide exposure and elevated risk of mortality in the glioblastoma patients: A double-cohort retrospective observational study. *Cancer Medicine*, **2020**, 9, 9018-9026	4.8	2
148	Glioblastomas harboring gene fusions detected by next-generation sequencing. *Brain Tumor Pathology*, **2020**, 37, 136-144	3.2	15
147	Glucose Loading Enhances the Value of F-FDG PET/CT for the Characterization and Delineation of Cerebral Gliomas. *Cancers*, **2020**, 12,	6.6	3
146	ATM mutations improve radio-sensitivity in wild-type isocitrate dehydrogenase-associated high-grade glioma: retrospective analysis using next-generation sequencing data. *Radiation Oncology*, **2020**, 15, 184	4.2	3
145	Radiomics risk score may be a potential imaging biomarker for predicting survival in isocitrate dehydrogenase wild-type lower-grade gliomas. *European Radiology*, **2020**, 30, 6464-6474	8	1

144	Combined effects of niclosamide and temozolomide against human glioblastoma tumorspheres. *Journal of Cancer Research and Clinical Oncology*, **2020**, 146, 2817-2828	4.9	3
143	Diffusion and perfusion MRI may predict EGFR amplification and the TERT promoter mutation status of IDH-wildtype lower-grade gliomas. *European Radiology*, **2020**, 30, 6475-6484	8	15
142	Gamma Knife Radiosurgery for Choroidal Hemangioma: A Single-Institute Series. *World Neurosurgery*, **2020**, 133, e129-e134	2.1	3
141	Lateral supraorbital versus pterional approach for parachiasmal meningiomas: surgical indications and esthetic benefits. *Neurosurgical Review*, **2020**, 43, 313-322	3.9	5
140	4-1BB Delineates Distinct Activation Status of Exhausted Tumor-Infiltrating CD8 T Cells in Hepatocellular Carcinoma. *Hepatology*, **2020**, 71, 955-971	11.2	31
139	Diagnostic challenges of posterior fossa hemangioblastomas: Refining current radiological classification scheme. *Scientific Reports*, **2020**, 10, 6267	4.9	2
138	Targeted next-generation sequencing panel (TruSight Tumor 170) in diffuse glioma: a single institutional experience of 135 cases. *Journal of Neuro-Oncology*, **2019**, 142, 445-454	4.8	30
137	Amide proton transfer imaging might predict survival and IDH mutation status in high-grade glioma. *European Radiology*, **2019**, 29, 6643-6652	8	23
136	The Korean Society for Neuro-Oncology (KSNO) Guideline for Glioblastomas: Version 2018.01. *Brain Tumor Research and Treatment*, **2019**, 7, 1-9	1.4	12
135	Re-evaluation of the diagnostic performance of C-methionine PET/CT according to the 2016 WHO classification of cerebral gliomas. *European Journal of Nuclear Medicine and Molecular Imaging*, **2019**, 46, 1678-1684	8.8	10
134	Combined treatment with 2'-hydroxycinnamaldehyde and temozolomide suppresses glioblastoma tumorspheres by decreasing stemness and invasiveness. *Journal of Neuro-Oncology*, **2019**, 143, 69-77	4.8	5
133	A PHLDB1 variant associated with the nonfunctional pituitary adenoma. *Journal of Neuro-Oncology*, **2019**, 142, 223-229	4.8	3
132	Clinical predictors of radiation-induced lymphopenia in patients receiving chemoradiation for glioblastoma: clinical usefulness of intensity-modulated radiotherapy in the immuno-oncology era. *Radiation Oncology*, **2019**, 14, 51	4.2	22
131	Analysis of patterns of failure and appraisal of postoperative radiation field for grade II-III meningioma. *Journal of Neuro-Oncology*, **2019**, 144, 333-341	4.8	3
130	Transcriptome profiling-based identification of prognostic subtypes and multi-omics signatures of glioblastoma. *Scientific Reports*, **2019**, 9, 10555	4.9	13
129	Angioleiomyoma in the Orbital Apex: A Case Report. *Brain Tumor Research and Treatment*, **2019**, 7, 156-159	1.4	1
128	The Korean Society for Neuro-Oncology (KSNO) Guideline for WHO Grade II Cerebral Gliomas in Adults: Version 2019.01. *Brain Tumor Research and Treatment*, **2019**, 7, 74-84	1.4	4
127	Radiomics MRI Phenotyping with Machine Learning to Predict the Grade of Lower-Grade Gliomas: A Study Focused on Nonenhancing Tumors. *Korean Journal of Radiology*, **2019**, 20, 1381-1389	6.9	22

126	The Korean Society for Neuro-Oncology (KSNO) Guideline for WHO Grade III Cerebral Gliomas in Adults: Version 2019.01. *Brain Tumor Research and Treatment*, **2019**, 7, 63-73	1.4	3
125	EXTH-23. COMBINED EFFECTS OF NICLOSAMIDE AND TEMOZOLOMIDE AGAINST HUMAN GLIOBLASTOMA TUMORSPHERES. *Neuro-Oncology*, **2019**, 21, vi87-vi87	1	78
124	GEN-13 FIREWORK PATTERN OF CANCER GENESIS FOR GLIOBLASTOMA, IDH-WILDTYPE. *Neuro-Oncology Advances*, **2019**, 1, ii8-ii8	0.9	78
123	Treatment outcomes of radiotherapy for primary spinal cord glioma. *Strahlentherapie Und Onkologie*, **2019**, 195, 164-174	4.3	5
122	The added prognostic value of radiological phenotype combined with clinical features and molecular subtype in anaplastic gliomas. *Journal of Neuro-Oncology*, **2019**, 142, 129-138	4.8	6
121	Radiomics and machine learning may accurately predict the grade and histological subtype in meningiomas using conventional and diffusion tensor imaging. *European Radiology*, **2019**, 29, 4068-4076	8	67
120	Immune Checkpoint Inhibitor-induced Reinvigoration of Tumor-infiltrating CD8 T Cells is Determined by Their Differentiation Status in Glioblastoma. *Clinical Cancer Research*, **2019**, 25, 2549-2559	12.9	29
119	Effect of combined anti-PD-1 and temozolomide therapy in glioblastoma. *OncoImmunology*, **2019**, 8, e1525243	7.2	31
118	Patterns of failures after surgical resection in olfactory neuroblastoma. *Journal of Neuro-Oncology*, **2019**, 141, 459-466	4.8	5
117	Impact of H3.3 K27M Mutation on Prognosis and Survival of Grade IV Spinal Cord Glioma on the Basis of New 2016 World Health Organization Classification of the Central Nervous System. *Neurosurgery*, **2019**, 84, 1072-1081	3.2	43
116	Survival benefit of lobectomy over gross-total resection without lobectomy in cases of glioblastoma in the noneloquent area: a retrospective study. *Journal of Neurosurgery*, **2019**, 132, 895-901	3.2	34
115	Prediction of Overall Survival Based on Isocitrate Dehydrogenase 1 Mutation and 18F-FDG Uptake on PET/CT in Patients With Cerebral Gliomas. *Clinical Nuclear Medicine*, **2018**, 43, 311-316	1.7	8
114	Primary central nervous system lymphoma and atypical glioblastoma: Differentiation using radiomics approach. *European Radiology*, **2018**, 28, 3832-3839	8	79
113	Recurrence patterns after maximal surgical resection and postoperative radiotherapy in anaplastic gliomas according to the new 2016 WHO classification. *Scientific Reports*, **2018**, 8, 777	4.9	17
112	Regulation of bioenergetics through dual inhibition of aldehyde dehydrogenase and mitochondrial complex I suppresses glioblastoma tumorspheres. *Neuro-Oncology*, **2018**, 20, 954-965	1	38
111	Multi-institutional study of treatment patterns in Korean patients with WHO grade II gliomas: KNOG 15-02 and KROG 16-04 intergroup study. *Journal of Neuro-Oncology*, **2018**, 138, 667-677	4.8	1
110	Proinvasive extracellular matrix remodeling in tumor microenvironment in response to radiation. *Oncogene*, **2018**, 37, 3317-3328	9.2	23
109	Whole-Tumor Histogram and Texture Analyses of DTI for Evaluation of -Mutation and 1p/19q-Codeletion Status in World Health Organization Grade II Gliomas. *American Journal of Neuroradiology*, **2018**, 39, 693-698	4.4	42

108	The roles of C-acetate PET/CT in predicting tumor differentiation and survival in patients with cerebral glioma. *European Journal of Nuclear Medicine and Molecular Imaging*, **2018**, 45, 1012-1020	8.8	16
107	Amide proton transfer imaging for differentiation of benign and atypical meningiomas. *European Radiology*, **2018**, 28, 331-339	8	28
106	Human glioblastoma arises from subventricular zone cells with low-level driver mutations. *Nature*, **2018**, 560, 243-247	50.4	257
105	Impact of adjuvant treatments on survival in Korean patients with WHO grade II gliomas: KNOG 15-02 and KROG 16-04 intergroup study. *Journal of Neuro-Oncology*, **2018**, 140, 445-455	4.8	1
104	Hypofractionated Re-irradiation after Maximal Surgical Resection for Recurrent Glioblastoma: Therapeutic Adequacy and Its Prognosticators of Survival. *Yonsei Medical Journal*, **2018**, 59, 194-201	3	13
103	Hypopituitarism after Gamma Knife surgery for postoperative nonfunctioning pituitary adenoma. *Journal of Neurosurgery*, **2018**, 129, 47-54	3.2	9
102	Intra-Suprasellar Schwannoma Presumably Originating from the Internal Carotid Artery Wall : Case Report and Review of the Literature. *Clinical Neuroradiology*, **2018**, 28, 127-135	2.7	2
101	Solitary fibrous tumor/hemangiopericytoma: treatment results based on the 2016 WHO classification. *Journal of Neurosurgery*, **2018**, 1-8	3.2	14
100	Postoperative Gamma Knife Radiosurgery for Cavernous Sinus-Invading Growth Hormone-Secreting Pituitary Adenomas. *World Neurosurgery*, **2018**, 110, e534-e545	2.1	15
99	Prediction of -Mutation and 1p/19q-Codeletion Status Using Preoperative MR Imaging Phenotypes in Lower Grade Gliomas. *American Journal of Neuroradiology*, **2018**, 39, 37-42	4.4	69
98	SURG-14. ANALYSIS OF TREATMENT RESULTS FOR RECURRENT GLIOBLASTOMA INCLUDING IMMUNE STATUS ALTERATION. *Neuro-Oncology*, **2018**, 20, vi253-vi253	1	78
97	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). *Neuro-Oncology*, **2018**, 20, vi23-vi23	1	78
96	Procarbazine and CCNU Chemotherapy for Recurrent Glioblastoma with MGMT Promoter Methylation. *Journal of Korean Medical Science*, **2018**, 33, e167	4.7	10
95	Association analysis of RTEL1 variants with risk of adult gliomas in a Korean population. *PLoS ONE*, **2018**, 13, e0207660	3.7	4
94	Radiomic MRI Phenotyping of Glioblastoma: Improving Survival Prediction. *Radiology*, **2018**, 289, 797-806	10.5	92
93	Validation of a novel molecular RPA classification in glioblastoma (GBM-molRPA) treated with chemoradiation: A multi-institutional collaborative study. *Radiotherapy and Oncology*, **2018**, 129, 347-351	5.3	11
92	Amide proton transfer imaging to discriminate between low- and high-grade gliomas: added value to apparent diffusion coefficient and relative cerebral blood volume. *European Radiology*, **2017**, 27, 3181-3189	8	57
91	Impact of Including Peritumoral Edema in Radiotherapy Target Volume on Patterns of Failure in Glioblastoma following Temozolomide-based Chemoradiotherapy. *Scientific Reports*, **2017**, 7, 42148	4.9	18

90	The prognostic role of CD68 and FoxP3 expression in patients with primary central nervous system lymphoma. *Annals of Hematology*, **2017**, 96, 1163-1173	3	6
89	Novel recursive partitioning analysis classification for newly diagnosed glioblastoma: A multi-institutional study highlighting the MGMT promoter methylation and IDH1 gene mutation status. *Radiotherapy and Oncology*, **2017**, 123, 106-111	5.3	26
88	Spontaneous Acute Subdural Hemorrhage in a Patient with a Tick Borne Bunyavirus-Induced Severe Fever with Thrombocytopenia Syndrome. *Korean Journal of Neurotrauma*, **2017**, 13, 57-60	0.7	2
87	Tumor-associated mesenchymal stem-like cells provide extracellular signaling cue for invasiveness of glioblastoma cells. *Oncotarget*, **2017**, 8, 1438-1448	3.3	21
86	Inhibition of glioblastoma tumorspheres by combined treatment with 2-deoxyglucose and metformin. *Neuro-Oncology*, **2017**, 19, 197-207	1	32
85	Predictive Factors of Unfavorable Events After Gamma Knife Radiosurgery for Vestibular Schwannoma. *World Neurosurgery*, **2017**, 107, 175-184	2.1	24
84	Reconstruction for Skull Base Defect Using Fat-Containing Perifascial Areolar Tissue. *Annals of Plastic Surgery*, **2017**, 78, 673-679	1.7	3
83	Long-term outcomes of concomitant chemoradiotherapy with temozolomide for newly diagnosed glioblastoma patients: A single-center analysis. *Medicine (United States)*, **2017**, 96, e7422	1.8	32
82	Effectiveness of navigation-guided cyst aspiration before resection of large cystic brain tumors: a proof of concept for more radical surgery. *Acta Neurochirurgica*, **2017**, 159, 1947-1954	3	4
81	The Initial Area Under the Curve Derived from Dynamic Contrast-Enhanced MRI Improves Prognosis Prediction in Glioblastoma with Unmethylated Promoter. *American Journal of Neuroradiology*, **2017**, 38, 1528-1535	4.4	12
80	Elderly patients with newly diagnosed glioblastoma: can preoperative imaging descriptors improve the predictive power of a survival model?. *Journal of Neuro-Oncology*, **2017**, 134, 423-431	4.8	9
79	Primary central nervous system lymphoma and atypical glioblastoma: differentiation using the initial area under the curve derived from dynamic contrast-enhanced MR and the apparent diffusion coefficient. *European Radiology*, **2017**, 27, 1344-1351	8	37
78	Intracranial squamous cell carcinoma arising in a cerebellopontine angle epidermoid cyst: A case report and literature review. *Medicine (United States)*, **2017**, 96, e9423	1.8	14
77	Concurrent Chemoradiotherapy with Temozolomide Followed by Adjuvant Temozolomide for Newly Diagnosed Glioblastoma Patients: A Retrospective Multicenter Observation Study in Korea. *Cancer Research and Treatment*, **2017**, 49, 193-203	5.2	20
76	Programmed cell death 1 expression is associated with inferior survival in patients with primary central nervous system lymphoma. *Oncotarget*, **2017**, 8, 87317-87328	3.3	18
75	Optimal dose and volume for postoperative radiotherapy in brain oligometastases from lung cancer: a retrospective study. *Radiation Oncology Journal*, **2017**, 35, 153-162	2.5	5
74	Effects of Postoperative Radiotherapy on Leptomeningeal Carcinomatosis or Dural Metastasis after Resection of Brain Metastases in Breast Cancer Patients. *Cancer Research and Treatment*, **2017**, 49, 748-758	5.2	7
73	Pediatric giant cell tumor of the tendon sheath of the craniocervical junction involving the occipital condyle. *Childls Nervous System*, **2016**, 32, 175-9	1.7	1

72	Isolation and characterization of tumorspheres from a recurrent pineoblastoma patient: Feasibility of a patient-derived xenograft. *International Journal of Oncology*, **2016**, 49, 569-78	4.4	10
71	Terahertz reflectometry imaging for low and high grade gliomas. *Scientific Reports*, **2016**, 6, 36040	4.9	64
70	Success of tumorsphere isolation from WHO grade IV gliomas does not correlate with the weight of fresh tumor specimens: an immunohistochemical characterization of tumorsphere differentiation. *Cancer Cell International*, **2016**, 16, 75	6.4	3
69	Failure of a patient-derived xenograft for brain tumor model prepared by implantation of tissue fragments. *Cancer Cell International*, **2016**, 16, 43	6.4	13
68	Pseudoprogression in glioblastoma patients: the impact of extent of resection. *Journal of Neuro-Oncology*, **2016**, 126, 559-66	4.8	11
67	The Role of Radiosurgery in the Management of Benign Head and Neck Tumors. *World Neurosurgery*, **2016**, 87, 116-23	2.1	4
66	Down-regulation of MicroRNA-126 in Glioblastoma and its Correlation with Patient Prognosis: A Pilot Study. *Anticancer Research*, **2016**, 36, 6691-6697	2.3	17
65	Surgical Treatment for Falcotentorial Meningiomas. *Yonsei Medical Journal*, **2016**, 57, 1022-8	3	13
64	Optimal Treatment Decision for Brain Metastases of Unknown Primary Origin: The Role and Timing of Radiosurgery. *Brain Tumor Research and Treatment*, **2016**, 4, 107-110	1.4	13
63	Tumor Mesenchymal Stem-Like Cell as a Prognostic Marker in Primary Glioblastoma. *Stem Cells International*, **2016**, 2016, 6756983	5	16
62	Histopathological implications of ventricle wall 5-aminolevulinic acid-induced fluorescence in the absence of tumor involvement on magnetic resonance images. *Oncology Reports*, **2016**, 36, 837-44	3.5	13
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