

Jong Hee Chang

List of Publications by Year in descending order

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Version: 2024-02-01

220
papers

5,517
citations

87888

38
h-index

128289

60
g-index

227
all docs

227
docs citations

227
times ranked

7368
citing authors

#	ARTICLE	IF	CITATIONS
1	Human glioblastoma arises from subventricular zone cells with low-level driver mutations. <i>Nature</i> , 2018, 560, 243-247.	27.8	460
2	Radiomic MRI Phenotyping of Glioblastoma: Improving Survival Prediction. <i>Radiology</i> , 2018, 289, 797-806.	7.3	172
3	Radiomics and machine learning may accurately predict the grade and histological subtype in meningiomas using conventional and diffusion tensor imaging. <i>European Radiology</i> , 2019, 29, 4068-4076.	4.5	132
4	Analysis of radiosurgical results in patients with brain metastases according to the number of brain lesions: is stereotactic radiosurgery effective for multiple brain metastases?. <i>Journal of Neurosurgery</i> , 2010, 113, 73-78.	1.6	128
5	Primary central nervous system lymphoma and atypical glioblastoma: Differentiation using radiomics approach. <i>European Radiology</i> , 2018, 28, 3832-3839.	4.5	121
6	Fully automated hybrid approach to predict the IDH mutation status of gliomas via deep learning and radiomics. <i>Neuro-Oncology</i> , 2021, 23, 304-313.	1.2	114
7	Prediction of IDH1-Mutation and 1p/19q-Codeletion Status Using Preoperative MR Imaging Phenotypes in Lower Grade Gliomas. <i>American Journal of Neuroradiology</i> , 2018, 39, 37-42.	2.4	111
8	Bilateral Anterior Cingulotomy for Refractory Obsessive-Compulsive Disorder: Long-Term Follow-Up Results. <i>Stereotactic and Functional Neurosurgery</i> , 2006, 84, 184-189.	1.5	110
9	Terahertz reflectometry imaging for low and high grade gliomas. <i>Scientific Reports</i> , 2016, 6, 36040.	3.3	90
10	Amide proton transfer imaging to discriminate between low- and high-grade gliomas: added value to apparent diffusion coefficient and relative cerebral blood volume. <i>European Radiology</i> , 2017, 27, 3181-3189.	4.5	86
11	Brain metastases from colorectal carcinoma: prognostic factors and outcome. <i>Journal of Neuro-Oncology</i> , 2011, 101, 49-55.	2.9	81
12	Microvascular Decompression for Hemifacial Spasm: A Long-Term Follow-Up of 1,169 Consecutive Cases. <i>Stereotactic and Functional Neurosurgery</i> , 2001, 77, 190-193.	1.5	79
13	Application of intraoperative indocyanine green videoangiography to brain tumor surgery. <i>Acta Neurochirurgica</i> , 2011, 153, 1487-1495.	1.7	79
14	Prediction of methylguanine methyltransferase promoter methylation in glioblastoma using dynamic contrast-enhanced magnetic resonance and diffusion tensor imaging. <i>Journal of Neurosurgery</i> , 2014, 121, 367-373.	1.6	77
15	UNUSUAL CAUSES AND PRESENTATIONS OF HEMIFACIAL SPASM. <i>Neurosurgery</i> , 2009, 65, 130-137.	1.1	73
16	4-1BB Delineates Distinct Activation Status of Exhausted Tumor-Infiltrating CD8+ T Cells in Hepatocellular Carcinoma. <i>Hepatology</i> , 2020, 71, 955-971.	7.3	70
17	Survival benefit of lobectomy over gross-total resection without lobectomy in cases of glioblastoma in the noneloquent area: a retrospective study. <i>Journal of Neurosurgery</i> , 2020, 132, 895-901.	1.6	63
18	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. <i>Neurosurgery</i> , 2019, 84, 1072-1081.	1.1	59

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19	Radiological and Hormonal Responses of Functioning Pituitary Adenomas after Γ^3 Knife Radiosurgery. Yonsei Medical Journal, 2003, 44, 602.	2.2	58
20	De novo intracranial aneurysm formation after Gamma Knife radiosurgery for vestibular schwannoma. Journal of Neurosurgery, 2009, 110, 540-542.	1.6	57
21	Regulation of bioenergetics through dual inhibition of aldehyde dehydrogenase and mitochondrial complex I suppresses glioblastoma tumorspheres. Neuro-Oncology, 2018, 20, 954-965.	1.2	57
22	Whole-Tumor Histogram and Texture Analyses of DTI for Evaluation of IDH1-Mutation and 1p/19q-Codeletion Status in World Health Organization Grade II Gliomas. American Journal of Neuroradiology, 2018, 39, 693-698.	2.4	56
23	MGMT Gene Promoter Methylation as a Potent Prognostic Factor in Glioblastoma Treated With Temozolomide-Based Chemoradiotherapy: A Single-Institution Study. International Journal of Radiation Oncology Biology Physics, 2012, 84, 661-667.	0.8	51
24	Isolation of glioma cancer stem cells in relation to histological grades in glioma specimens. Child's Nervous System, 2013, 29, 217-229.	1.1	51
25	Incremental Prognostic Value of ADC Histogram Analysis over MGMT Promoter Methylation Status in Patients with Glioblastoma. Radiology, 2016, 281, 175-184.	7.3	51
26	Immunoglobulin G4-related hypertrophic pachymeningitis involving cerebral parenchyma. Journal of Neurosurgery, 2011, 115, 1242-1247.	1.6	48
27	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.	2.9	46
28	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.	7.0	46
29	Effect of combined anti-PD-1 and temozolomide therapy in glioblastoma. Oncoimmunology, 2019, 8, e1525243.	4.6	46
30	Reoperation for Persistent or Recurrent Hemifacial Spasm after Microvascular Decompression. Neurosurgery, 2006, 58, 1162-1167.	1.1	45
31	Amide proton transfer imaging might predict survival and IDH mutation status in high-grade glioma. European Radiology, 2019, 29, 6643-6652.	4.5	45
32	Machine learning and radiomic phenotyping of lower grade gliomas: improving survival prediction. European Radiology, 2020, 30, 3834-3842.	4.5	45
33	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.	4.5	44
34	Integrated pharmaco-proteogenomics defines two subgroups in isocitrate dehydrogenase wild-type glioblastoma with prognostic and therapeutic opportunities. Nature Communications, 2020, 11, 3288.	12.8	44
35	Extent of resection and molecular pathologic subtype are potent prognostic factors of adult WHO grade II glioma. Scientific Reports, 2020, 10, 2086.	3.3	44
36	Inhibition of glioblastoma tumorspheres by combined treatment with 2-deoxyglucose and metformin. Neuro-Oncology, 2017, 19, now174.	1.2	43

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37	Amide proton transfer imaging for differentiation of benign and atypical meningiomas. <i>European Radiology</i> , 2018, 28, 331-339.	4.5	43
38	Radiomics MRI Phenotyping with Machine Learning to Predict the Grade of Lower-Grade Gliomas: A Study Focused on Nonenhancing Tumors. <i>Korean Journal of Radiology</i> , 2019, 20, 1381.	3.4	42
39	Long-lasting Anticonvulsant Effect of Focal Cooling on Experimental Neocortical Seizures. <i>Epilepsia</i> , 2003, 44, 1500-1505.	5.1	39
40	The Surgical Effect of Callosotomy in the Treatment of Intractable Seizure. <i>Yonsei Medical Journal</i> , 2004, 45, 233.	2.2	39
41	Long-term outcomes of concomitant chemoradiotherapy with temozolomide for newly diagnosed glioblastoma patients. <i>Medicine (United States)</i> , 2017, 96, e7422.	1.0	39
42	Use of optical coherence tomography to predict visual outcome in parachiasmal meningioma. <i>Journal of Neurosurgery</i> , 2015, 123, 1489-1499.	1.6	38
43	Proinvasive extracellular matrix remodeling in tumor microenvironment in response to radiation. <i>Oncogene</i> , 2018, 37, 3317-3328.	5.9	38
44	Clinical predictors of radiation-induced lymphopenia in patients receiving chemoradiation for glioblastoma: clinical usefulness of intensity-modulated radiotherapy in the immuno-oncology era. <i>Radiation Oncology</i> , 2019, 14, 51.	2.7	38
45	The Added Prognostic Value of Preoperative Dynamic Contrast-Enhanced MRI Histogram Analysis in Patients with Glioblastoma: Analysis of Overall and Progression-Free Survival. <i>American Journal of Neuroradiology</i> , 2015, 36, 2235-2241.	2.4	36
46	Inhibiting stemness and invasive properties of glioblastoma tumorsphere by combined treatment with temozolomide and a newly designed biguanide (HL156A). <i>Oncotarget</i> , 2016, 7, 65643-65659.	1.8	35
47	Solitary fibrous tumor/hemangiopericytoma: treatment results based on the 2016 WHO classification. <i>Journal of Neurosurgery</i> , 2019, 130, 418-425.	1.6	34
48	MRI Features May Predict Molecular Features of Glioblastoma in <i>Isocitrate Dehydrogenase</i> Wild-Type Lower-Grade Gliomas. <i>American Journal of Neuroradiology</i> , 2021, 42, 448-456.	2.4	34
49	Gamma Knife surgery for intracranial chordoma and chondrosarcoma: radiosurgical perspectives and treatment outcomes. <i>Journal of Neurosurgery</i> , 2014, 121, 188-197.	1.6	33
50	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.	0.6	32
51	Predictive Factors of Unfavorable Events After Gamma Knife Radiosurgery for Vestibular Schwannoma. <i>World Neurosurgery</i> , 2017, 107, 175-184.	1.3	32
52	Tumor-associated mesenchymal stem-like cells provide extracellular signaling cue for invasiveness of glioblastoma cells. <i>Oncotarget</i> , 2017, 8, 1438-1448.	1.8	32
53	Crosstalk between GBM cells and mesenchymal stemlike cells promotes the invasiveness of GBM through the C5a/p38/ZEB1 axis. <i>Neuro-Oncology</i> , 2020, 22, 1452-1462.	1.2	32
54	Re-evaluation of the diagnostic performance of 11C-methionine PET/CT according to the 2016 WHO classification of cerebral gliomas. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 1678-1684.	6.4	31

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55	AI-based prognostic imaging biomarkers for precision neuro-oncology: the ReSPOND consortium. <i>Neuro-Oncology</i> , 2020, 22, 886-888.	1.2	31
56	Management strategies of intercavernous sinus bleeding during transsphenoidal surgery. <i>Acta Neurochirurgica</i> , 2009, 151, 803-808.	1.7	30
57	Increased in vivo angiogenic effect of glioma stromal mesenchymal stem-like cells on glioma cancer stem cells from patients with glioblastoma. <i>International Journal of Oncology</i> , 2013, 42, 1754-1762.	3.3	30
58	Programmed cell death 1 expression is associated with inferior survival in patients with primary central nervous system lymphoma. <i>Oncotarget</i> , 2017, 8, 87317-87328.	1.8	30
59	Microvascular Decompression in Trigeminal Neuralgia: A Correlation of Three-Dimensional Time-of-Flight Magnetic Resonance Angiography and Surgical Findings. <i>Stereotactic and Functional Neurosurgery</i> , 2000, 74, 167-174.	1.5	29
60	The roles of 11C-acetate PET/CT in predicting tumor differentiation and survival in patients with cerebral glioma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 1012-1020.	6.4	29
61	Glioblastomas harboring gene fusions detected by next-generation sequencing. <i>Brain Tumor Pathology</i> , 2020, 37, 136-144.	1.7	29
62	Diffusion and perfusion MRI may predict EGFR amplification and the TERT promoter mutation status of IDH-wildtype lower-grade gliomas. <i>European Radiology</i> , 2020, 30, 6475-6484.	4.5	29
63	Diffusion tensor imaging radiomics in lower-grade glioma: improving subtyping of isocitrate dehydrogenase mutation status. <i>Neuroradiology</i> , 2020, 62, 319-326.	2.2	28
64	Endoscopic disconnection for hypothalamic hamartoma with intractable seizure. <i>Journal of Neurosurgery: Pediatrics</i> , 2004, 100, 506-511.	1.3	27
65	Chronic epidural hematoma with rapid ossification. <i>Child's Nervous System</i> , 2002, 18, 712-716.	1.1	26
66	The unilateral cobalt wire model of neocortical epilepsy: a method of producing subacute focal seizures in rodents. <i>Epilepsy Research</i> , 2004, 61, 153-160.	1.6	26
67	Existence of glioma stroma mesenchymal stemlike cells in Korean glioma specimens. <i>Child's Nervous System</i> , 2013, 29, 549-563.	1.1	26
68	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.	3.0	26
69	Recurrence patterns after maximal surgical resection and postoperative radiotherapy in anaplastic gliomas according to the new 2016 WHO classification. <i>Scientific Reports</i> , 2018, 8, 777.	3.3	26
70	Transcriptome profiling-based identification of prognostic subtypes and multi-omics signatures of glioblastoma. <i>Scientific Reports</i> , 2019, 9, 10555.	3.3	26
71	Gamma Knife surgery for facial nerve schwannomas. <i>Journal of Neurosurgery</i> , 2014, 121, 116-122.	1.6	24
72	Differentiation of recurrent diffuse glioma from treatment-induced change using amide proton transfer imaging: incremental value to diffusion and perfusion parameters. <i>Neuroradiology</i> , 2021, 63, 363-372.	2.2	24

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73	Potential use of glioblastoma tumorsphere: clinical credentialing. Archives of Pharmacal Research, 2015, 38, 402-407.	6.3	23
74	Impact of Including Peritumoral Edema in Radiotherapy Target Volume on Patterns of Failure in Glioblastoma following Temozolomide-based Chemoradiotherapy. Scientific Reports, 2017, 7, 42148.	3.3	23
75	Association between survival and levetiracetam use in glioblastoma patients treated with temozolomide chemoradiotherapy. Scientific Reports, 2020, 10, 10783.	3.3	23
76	Differentiation of recurrent glioblastoma from radiation necrosis using diffusion radiomics with machine learning model development and external validation. Scientific Reports, 2021, 11, 2913.	3.3	23
77	Clinical Use of Diffusion Tensor Image-Merged Functional Neuronavigation for Brain Tumor Surgeries: Review of Preoperative, Intraoperative, and Postoperative Data for 123 Cases. Yonsei Medical Journal, 2014, 55, 1303.	2.2	22
78	Quality assessment of meningioma radiomics studies: Bridging the gap between exploratory research and clinical applications. European Journal of Radiology, 2021, 138, 109673.	2.6	22
79	Down-regulation of MicroRNA-126 in Glioblastoma and its Correlation with Patient Prognosis: A Pilot Study. Anticancer Research, 2016, 36, 6691-6698.	1.1	22
80	Intracerebral temperature alterations associated with focal seizures. Epilepsy Research, 2002, 52, 97-105.	1.6	21
81	The efficacy of gamma knife radiosurgery for advanced gastric cancer with brain metastases. Journal of Neuro-Oncology, 2011, 103, 513-521.	2.9	21
82	Isolation of mesenchymal stem-like cells in meningioma specimens. International Journal of Oncology, 2013, 43, 1260-1268.	3.3	21
83	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.	2.2	21
84	Role of Postoperative Magnetic Resonance Imaging after Microvascular Decompression of the Facial Nerve for the Treatment of Hemifacial Spasm. Neurosurgery, 2002, 50, 720-726.	1.1	20
85	First Report of Brain Abscess Associated with <i>Pseudozyma</i> species in a Patient with Astrocytoma. Annals of Laboratory Medicine, 2010, 30, 284-288.	2.5	20
86	Surgical Treatment for Falcotentorial Meningiomas. Yonsei Medical Journal, 2016, 57, 1022.	2.2	20
87	Tumor Mesenchymal Stem-Like Cell as a Prognostic Marker in Primary Glioblastoma. Stem Cells International, 2016, 2016, 1-7.	2.5	20
88	Intracranial squamous cell carcinoma arising in a cerebellopontine angle epidermoid cyst. Medicine (United States), 2017, 96, e9423.	1.0	20
89	An endodermal cyst mimicking an intra-axial tumor in the medulla oblongata. Child's Nervous System, 2010, 26, 853-856.	1.1	19
90	Long-Term Results of Gamma Knife Radiosurgery for Intracranial Meningioma. Brain Tumor Research and Treatment, 2015, 3, 103.	1.0	19

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91	Histopathological implications of ventricle wall 5-aminolevulinic acid-induced fluorescence in the absence of tumor involvement on magnetic resonance images. <i>Oncology Reports</i> , 2016, 36, 837-844.	2.6	19
92	The Korean Society for Neuro-Oncology (KSNO) Guideline for Glioblastomas: Version 2018.01. <i>Brain Tumor Research and Treatment</i> , 2019, 7, 1.	1.0	19
93	Magnetic resonance imaging-based 3-dimensional fractal dimension and lacunarity analyses may predict the meningioma grade. <i>European Radiology</i> , 2020, 30, 4615-4622.	4.5	19
94	Prevention of Cerebrospinal Fluid Rhinorrhea After Transsphenoidal Surgery by Collagen Fleece Coated With Fibrin Sealant Without Autologous Tissue Graft or Postoperative Lumbar Drainage. <i>Operative Neurosurgery</i> , 2011, 68, ons130-ons137.	0.8	18
95	Prognostic Value of Glioma Cancer Stem Cell Isolation in Survival of Primary Glioblastoma Patients. <i>Stem Cells International</i> , 2014, 2014, 1-6.	2.5	18
96	Postoperative Gamma Knife Radiosurgery for Cavernous Sinus-Involving Growth Hormone-Secreting Pituitary Adenomas. <i>World Neurosurgery</i> , 2018, 110, e534-e545.	1.3	18
97	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.	0.6	18
98	Combined effects of niclosamide and temozolomide against human glioblastoma tumorspheres. <i>Journal of Cancer Research and Clinical Oncology</i> , 2020, 146, 2817-2828.	2.5	18
99	Glioblastoma Cellular Origin and the Firework Pattern of Cancer Genesis from the Subventricular Zone. <i>Journal of Korean Neurosurgical Society</i> , 2020, 63, 26-33.	1.2	18
100	Radiosurgery for Radiosurgery-induced Cavernous Malformation. <i>World Neurosurgery</i> , 2011, 75, 94-98.	1.3	17
101	Failure of a patient-derived xenograft for brain tumor model prepared by implantation of tissue fragments. <i>Cancer Cell International</i> , 2016, 16, 43.	4.1	17
102	Hypofractionated Re-irradiation after Maximal Surgical Resection for Recurrent Glioblastoma: Therapeutic Adequacy and Its Prognosticators of Survival. <i>Yonsei Medical Journal</i> , 2018, 59, 194.	2.2	17
103	The Role of Postoperative Radiotherapy in Intracranial Solitary Fibrous Tumor/Hemangiopericytoma: A Multi-institutional Retrospective Study (KROC 18-11). <i>Cancer Research and Treatment</i> , 2022, 54, 65-74.	3.0	17
104	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.	1.0	16
105	Radiosurgery vs. microsurgery for newly diagnosed, small petroclival meningiomas with trigeminal neuralgia. <i>Neurosurgical Review</i> , 2020, 43, 1631-1640.	2.4	15
106	Quality of Radiomics Research on Brain Metastasis: A Roadmap to Promote Clinical Translation. <i>Korean Journal of Radiology</i> , 2022, 23, 77.	3.4	15
107	Sylvian meningioma without dural attachment in an adult. <i>Journal of Neuro-Oncology</i> , 2005, 74, 43-45.	2.9	14
108	Isolation of tumor spheres and mesenchymal stem-like cells from a single primitive neuroectodermal tumor specimen. <i>Child's Nervous System</i> , 2013, 29, 2229-2239.	1.1	14

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109	Optimal Treatment Decision for Brain Metastases of Unknown Primary Origin: The Role and Timing of Radiosurgery. Brain Tumor Research and Treatment, 2016, 4, 107.	1.0	14
110	Re-Irradiation for Recurrent Gliomas: Treatment Outcomes and Prognostic Factors. Yonsei Medical Journal, 2016, 57, 824.	2.2	14
111	Isolation and characterization of tumorspheres from a recurrent pineoblastoma patient: Feasibility of a patient-derived xenograft. International Journal of Oncology, 2016, 49, 569-578.	3.3	14
112	Pseudoprogression in glioblastoma patients: the impact of extent of resection. Journal of Neuro-Oncology, 2016, 126, 559-566.	2.9	14
113	The Initial Area Under the Curve Derived from Dynamic Contrast-Enhanced MRI Improves Prognosis Prediction in Glioblastoma with Unmethylated MGMT Promoter. American Journal of Neuroradiology, 2017, 38, 1528-1535.	2.4	14
114	Validation and optimization of a web-based nomogram for predicting survival of patients with newly diagnosed glioblastoma. Strahlentherapie Und Onkologie, 2020, 196, 58-69.	2.0	14
115	A Successful Treatment of Relapsed Primary CNS Lymphoma Patient with Intraventricular Rituximab Followed by High-Dose Chemotherapy with Autologous Stem Cell Rescue. Yonsei Medical Journal, 2009, 50, 280.	2.2	13
116	Procarbazine and CCNU Chemotherapy for Recurrent Glioblastoma with MGMT Promoter Methylation. Journal of Korean Medical Science, 2018, 33, e167.	2.5	13
117	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.	2.9	13
118	Hypopituitarism after Gamma Knife surgery for postoperative nonfunctioning pituitary adenoma. Journal of Neurosurgery, 2018, 129, 47-54.	1.6	13
119	The prognostic role of CD68 and FoxP3 expression in patients with primary central nervous system lymphoma. Annals of Hematology, 2017, 96, 1163-1173.	1.8	12
120	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.	1.3	12
121	Combined treatment with 2-hydroxycinnamaldehyde and temozolomide suppresses glioblastoma tumorspheres by decreasing stemness and invasiveness. Journal of Neuro-Oncology, 2019, 143, 69-77.	2.9	12
122	Treatment outcomes of radiotherapy for primary spinal cord glioma. Strahlentherapie Und Onkologie, 2019, 195, 164-174.	2.0	12
123	Temozolomide Salvage Chemotherapy for Recurrent Anaplastic Oligodendroglioma and Oligo-Astrocytoma. Journal of Korean Neurosurgical Society, 2013, 54, 489.	1.2	12
124	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.	2.9	11
125	Analysis of patterns of failure and appraisal of postoperative radiation field for grade II-III meningioma. Journal of Neuro-Oncology, 2019, 144, 333-341.	2.9	11
126	Lateral supraorbital versus pterional approach for parasagittal meningiomas: surgical indications and esthetic benefits. Neurosurgical Review, 2020, 43, 313-322.	2.4	11

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127	Magnetic Resonance Imaging Parameters for Noninvasive Prediction of Epidermal Growth Factor Receptor Amplification in Isocitrate Dehydrogenase-Wild-Type Lower-Grade Gliomas: A Multicenter Study. <i>Neurosurgery</i> , 2021, 89, 257-265.	1.1	11
128	Changes in the biological characteristics of glioma cancer stem cells after serial in vivo subtransplantation. <i>Child's Nervous System</i> , 2013, 29, 55-64.	1.1	10
129	Treatment Options of Metastatic Brain Tumors from Hepatocellular Carcinoma: Surgical Resection vs. Gamma Knife Radiosurgery vs. Whole Brain Radiation Therapy. <i>Brain Tumor Research and Treatment</i> , 2013, 1, 78.	1.0	10
130	Early response to high-dose methotrexate, vincristine, and procarbazine chemotherapy-adapted strategy for primary CNS lymphoma: no consolidation therapy for patients achieving early complete response. <i>Annals of Hematology</i> , 2014, 93, 211-219.	1.8	10
131	The role of upfront autologous stem cell transplantation in high-risk younger patients with primary central nervous system lymphoma. <i>British Journal of Haematology</i> , 2016, 174, 444-453.	2.5	10
132	ATM mutations improve radio-sensitivity in wild-type isocitrate dehydrogenase-associated high-grade glioma: retrospective analysis using next-generation sequencing data. <i>Radiation Oncology</i> , 2020, 15, 184.	2.7	10
133	Stereotactic biopsy for adult brainstem lesions: A surgical approach and its diagnostic value according to the 2016 World Health Organization Classification. <i>Cancer Medicine</i> , 2021, 10, 7514-7524.	2.8	10
134	Endoscopic transorbital approach to the insular region: cadaveric feasibility study and clinical application (SevEN-005). <i>Journal of Neurosurgery</i> , 2021, 135, 1164-1172.	1.6	10
135	Radiomics-based prediction of multiple gene alteration incorporating mutual genetic information in glioblastoma and grade 4 astrocytoma, IDH-mutant. <i>Journal of Neuro-Oncology</i> , 2021, 155, 267-276.	2.9	10
136	Soluble ICAM-1 a Pivotal Communicator between Tumors and Macrophages, Promotes Mesenchymal Shift of Glioblastoma. <i>Advanced Science</i> , 2022, 9, e2102768.	11.2	10
137	A fully automatic multiparametric radiomics model for differentiation of adult pilocytic astrocytomas from high-grade gliomas. <i>European Radiology</i> , 2022, 32, 4500-4509.	4.5	10
138	Effectiveness of navigation-guided cyst aspiration before resection of large cystic brain tumors: a proof of concept for more radical surgery. <i>Acta Neurochirurgica</i> , 2017, 159, 1947-1954.	1.7	9
139	The added prognostic value of radiological phenotype combined with clinical features and molecular subtype in anaplastic gliomas. <i>Journal of Neuro-Oncology</i> , 2019, 142, 129-138.	2.9	9
140	Gamma Knife Radiosurgery Followed by Flow-Reductive Embolization for Ruptured Arteriovenous Malformation. <i>Journal of Clinical Medicine</i> , 2020, 9, 1318.	2.4	9
141	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.	0.6	9
142	The behavior of residual tumors following incomplete surgical resection for vestibular schwannomas. <i>Scientific Reports</i> , 2021, 11, 4665.	3.3	9
143	Effects of Postoperative Radiotherapy on Leptomeningeal Carcinomatosis or Dural Metastasis after Resection of Brain Metastases in Breast Cancer Patients. <i>Cancer Research and Treatment</i> , 2017, 49, 748-758.	3.0	9
144	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.	3.0	9

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145	Levetiracetam as a sensitizer of concurrent chemoradiotherapy in newly diagnosed glioblastoma: An open-label phase 2 study. <i>Cancer Medicine</i> , 2022, 11, 371-379.	2.8	9
146	Pleomorphic adenocarcinoma of the lacrimal gland with multiple intracranial and spinal metastases. <i>World Journal of Surgical Oncology</i> , 2007, 5, 29.	1.9	8
147	Solitary Primary Leptomeningeal Glioma: Case Report. <i>Brain Tumor Research and Treatment</i> , 2013, 1, 36.	1.0	8
148	Association analysis of RTEL1 variants with risk of adult gliomas in a Korean population. <i>PLoS ONE</i> , 2018, 13, e0207660.	2.5	8
149	Patterns of failures after surgical resection in olfactory neuroblastoma. <i>Journal of Neuro-Oncology</i> , 2019, 141, 459-466.	2.9	8
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