

Seok-Gu Kang

List of Publications by Year in descending order

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Version: 2024-02-01

166
papers

5,218
citations

87888

38
h-index

118850

62
g-index

171
all docs

171
docs citations

171
times ranked

7926
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	Brain somatic mutations in MTOR cause focal cortical dysplasia type II leading to intractable epilepsy. <i>Nature Medicine</i> , 2015, 21, 395-400.	30.7	406
3	Radiomic MRI Phenotyping of Glioblastoma: Improving Survival Prediction. <i>Radiology</i> , 2018, 289, 797-806.	7.3	172
4	Mesenchymal Stem Cells Isolated From Human Gliomas Increase Proliferation and Maintain Stemness of Glioma Stem Cells Through the IL-6/gp130/STAT3 Pathway. <i>Stem Cells</i> , 2015, 33, 2400-2415.	3.2	163
5	Study of freshly excised brain tissues using terahertz imaging. <i>Biomedical Optics Express</i> , 2014, 5, 2837.	2.9	145
6	Primary central nervous system lymphoma and atypical glioblastoma: Differentiation using radiomics approach. <i>European Radiology</i> , 2018, 28, 3832-3839.	4.5	121
7	The mode and dynamics of glioblastoma cell invasion into a decellularized tissue-derived extracellular matrix-based three-dimensional tumor model. <i>Scientific Reports</i> , 2018, 8, 4608.	3.3	115
8	Fully automated hybrid approach to predict the IDH1 mutation status of gliomas via deep learning and radiomics. <i>Neuro-Oncology</i> , 2021, 23, 304-313.	1.2	114
9	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
10	Terahertz reflectometry imaging for low and high grade gliomas. <i>Scientific Reports</i> , 2016, 6, 36040.	3.3	90
11	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
12	Isolation and Perivascular Localization of Mesenchymal Stem Cells From Mouse Brain. <i>Neurosurgery</i> , 2010, 67, 711-720.	1.1	75
13	Deconvolution of diffuse gastric cancer and the suppression of CD34 on the BALB/c nude mice model. <i>BMC Cancer</i> , 2020, 20, 314.	2.6	74
14	Repotrectinib Exhibits Potent Antitumor Activity in Treatment-Naïve and Solvent-Front Mutant ROS1-Rearranged Non-Small Cell Lung Cancer. <i>Clinical Cancer Research</i> , 2020, 26, 3287-3295.	7.0	66
15	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
16	Strategies of Mesenchymal Invasion of Patient-derived Brain Tumors: Microenvironmental Adaptation. <i>Scientific Reports</i> , 2016, 6, 24912.	3.3	62
17	Farnesyl diphosphate synthase is important for the maintenance of glioblastoma stemness. <i>Experimental and Molecular Medicine</i> , 2018, 50, 1-12.	7.7	62
18	Surgical results in pediatric moyamoya disease: Angiographic revascularization and the clinical results. <i>Clinical Neurology and Neurosurgery</i> , 2007, 109, 125-131.	1.4	57

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19	Regulation of bioenergetics through dual inhibition of aldehyde dehydrogenase and mitochondrial complex I suppresses glioblastoma tumorspheres. <i>Neuro-Oncology</i> , 2018, 20, 954-965.	1.2	57
20	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. <i>American Journal of Neuroradiology</i> , 2018, 39, 693-698.	2.4	56
21	A Mechanism for microRNA Arm Switching Regulated by Uridylation. <i>Molecular Cell</i> , 2020, 78, 1224-1236.e5.	9.7	52
22	Isolation of glioma cancer stem cells in relation to histological grades in glioma specimens. <i>Child's Nervous System</i> , 2013, 29, 217-229.	1.1	51
23	Incremental Prognostic Value of ADC Histogram Analysis over MGMT Promoter Methylation Status in Patients with Glioblastoma. <i>Radiology</i> , 2016, 281, 175-184.	7.3	51
24	Cytotoxicity of human umbilical cord blood-derived mesenchymal stem cells against human malignant glioma cells. <i>Child's Nervous System</i> , 2008, 24, 293-302.	1.1	49
25	Diagnostic method for differentiating external hydrocephalus from simple subdural hygroma. <i>Journal of Neurosurgery</i> , 2006, 105, 65-70.	1.6	48
26	Bilateral modified nasoseptal "rescue" flaps in the endoscopic endonasal transsphenoidal approach. <i>Laryngoscope</i> , 2013, 123, 2605-2609.	2.0	47
27	Olfactory changes after endoscopic endonasal transsphenoidal approach for skull base tumors. <i>Laryngoscope</i> , 2014, 124, 2470-2475.	2.0	47
28	Targeted next-generation sequencing panel (TruSight Tumor 170) in diffuse glioma: a single institutional experience of 135 cases. <i>Journal of Neuro-Oncology</i> , 2019, 142, 445-454.	2.9	46
29	Immune Checkpoint Inhibitor-induced Reinvigoration of Tumor-infiltrating CD8+ T Cells is Determined by Their Differentiation Status in Glioblastoma. <i>Clinical Cancer Research</i> , 2019, 25, 2549-2559.	7.0	46
30	Effect of combined anti-PD-1 and temozolomide therapy in glioblastoma. <i>Oncotmmunology</i> , 2019, 8, e1525243.	4.6	46
31	Comparison of the effect of decompressive craniectomy on different neurosurgical diseases. <i>Acta Neurochirurgica</i> , 2009, 151, 21-30.	1.7	45
32	Amide proton transfer imaging might predict survival and IDH mutation status in high-grade glioma. <i>European Radiology</i> , 2019, 29, 6643-6652.	4.5	45
33	Machine learning and radiomic phenotyping of lower grade gliomas: improving survival prediction. <i>European Radiology</i> , 2020, 30, 3834-3842.	4.5	45
34	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. <i>European Radiology</i> , 2017, 27, 1344-1351.	4.5	44
35	Integrated pharmaco-proteogenomics defines two subgroups in isocitrate dehydrogenase wild-type glioblastoma with prognostic and therapeutic opportunities. <i>Nature Communications</i> , 2020, 11, 3288.	12.8	44
36	Extent of resection and molecular pathologic subtype are potent prognostic factors of adult WHO grade II glioma. <i>Scientific Reports</i> , 2020, 10, 2086.	3.3	44

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37	Inhibition of glioblastoma tumorspheres by combined treatment with 2-deoxyglucose and metformin. <i>Neuro-Oncology</i> , 2017, 19, now174.	1.2	43
38	Amide proton transfer imaging for differentiation of benign and atypical meningiomas. <i>European Radiology</i> , 2018, 28, 331-339.	4.5	43
39	Relevance of a TCGA-derived Glioblastoma Subtype Gene-Classifer among Patient Populations. <i>Scientific Reports</i> , 2019, 9, 7442.	3.3	43
40	Fractionated radiation-induced nitric oxide promotes expansion of glioma stem-like cells. <i>Cancer Science</i> , 2013, 104, 1172-1177.	3.9	41
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	Proinvasive extracellular matrix remodeling in tumor microenvironment in response to radiation. <i>Oncogene</i> , 2018, 37, 3317-3328.	5.9	38
43	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
44	Combination celecoxib and temozolomide in C6 rat glioma orthotopic model. <i>Oncology Reports</i> , 2006, 15, 7-13.	2.6	38
45	Inhibition of STAT3 reverses drug resistance acquired in temozolomide-resistant human glioma cells. <i>Oncology Letters</i> , 2011, 2, 115-121.	1.8	36
46	Postoperative nasal symptoms associated with an endoscopic endonasal transsphenoidal approach. <i>European Archives of Oto-Rhino-Laryngology</i> , 2013, 270, 1355-1359.	1.6	36
47	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
48	Solitary fibrous tumor/hemangiopericytoma: treatment results based on the 2016 WHO classification. <i>Journal of Neurosurgery</i> , 2019, 130, 418-425.	1.6	34
49	The Onodi Cell. <i>Otolaryngology - Head and Neck Surgery</i> , 2011, 145, 1040-1042.	1.9	33
50	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
51	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
52	Spinal cord injury in cervical spinal stenosis by minor trauma. <i>World Neurosurgery</i> , 2010, 73, 50-52.	1.3	31
53	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
54	Merlin inhibits growth hormone-regulated Raf-ERKs pathways by binding to Grb2 protein. <i>Biochemical and Biophysical Research Communications</i> , 2006, 340, 1151-1157.	2.1	30

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55	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
56	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
57	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
58	The Clinical Features of Spinal Leptomeningeal Dissemination from Malignant Gliomas. <i>Journal of Korean Neurosurgical Society</i> , 2011, 49, 334.	1.2	28
59	Surgical Management and Outcome of Tethered Cord Syndrome in School-Aged Children, Adolescents, and Young Adults. <i>Journal of Korean Neurosurgical Society</i> , 2009, 46, 468.	1.2	27
60	Coexisting intracranial meningeal melanocytoma, dermoid tumor, and Dandy-Walker cyst in a patient with neurocutaneous melanosis. <i>Journal of Neurosurgery</i> , 2006, 104, 444-447.	1.6	26
61	Existence of glioma stroma mesenchymal stemlike cells in Korean glioma specimens. <i>Child's Nervous System</i> , 2013, 29, 549-563.	1.1	26
62	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
63	Transcriptome profiling-based identification of prognostic subtypes and multi-omics signatures of glioblastoma. <i>Scientific Reports</i> , 2019, 9, 10555.	3.3	26
64	Combined direct anastomosis and encephaloduroarteriogaleosynangiosis using inverted superficial temporal artery-galeal flap and superficial temporal artery-galeal pedicle in adult moyamoya disease. <i>World Neurosurgery</i> , 2006, 66, 389-394.	1.3	24
65	Presence of glioma stroma mesenchymal stem cells in a murine orthotopic glioma model. <i>Child's Nervous System</i> , 2011, 27, 911-922.	1.1	24
66	Synthesis and structure-activity relationships of quinolinone and quinoline-based P2X7 receptor antagonists and their anti-sphere formation activities in glioblastoma cells. <i>European Journal of Medicinal Chemistry</i> , 2018, 151, 462-481.	5.5	24
67	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
68	Multiple stem cell traits of expanded rat bone marrow stromal cells. <i>Experimental Neurology</i> , 2006, 199, 416-426.	4.1	23
69	Potential use of glioblastoma tumorsphere: clinical credentialing. <i>Archives of Pharmacal Research</i> , 2015, 38, 402-407.	6.3	23
70	Association between survival and levetiracetam use in glioblastoma patients treated with temozolomide chemoradiotherapy. <i>Scientific Reports</i> , 2020, 10, 10783.	3.3	23
71	Regulation of cAMP and GSK3 signaling pathways contributes to the neuronal conversion of glioma. <i>PLoS ONE</i> , 2017, 12, e0178881.	2.5	22
72	Gossypol Suppresses Growth of Temozolomide-Resistant Glioblastoma Tumor Spheres. <i>Biomolecules</i> , 2019, 9, 595.	4.0	22

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73	Quality assessment of meningioma radiomics studies: Bridging the gap between exploratory research and clinical applications. <i>European Journal of Radiology</i> , 2021, 138, 109673.	2.6	22
74	Isolation of mesenchymal stem-like cells in meningioma specimens. <i>International Journal of Oncology</i> , 2013, 43, 1260-1268.	3.3	21
75	Modeling germline mutations in pineoblastoma uncovers lysosome disruption-based therapy. <i>Nature Communications</i> , 2020, 11, 1825.	12.8	21
76	Tumor Mesenchymal Stem-Like Cell as a Prognostic Marker in Primary Glioblastoma. <i>Stem Cells International</i> , 2016, 2016, 1-7.	2.5	20
77	A polyethylene glycol-based hydrogel as macroporous scaffold for tumorsphere formation of glioblastoma multiforme. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 39, 10-15.	5.8	20
78	Force-mediated proinvasive matrix remodeling driven by tumor-associated mesenchymal stem-like cells in glioblastoma. <i>BMB Reports</i> , 2018, 51, 182-187.	2.4	20
79	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
80	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
81	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
82	Downregulated CLIP3 induces radioresistance by enhancing stemness and glycolytic flux in glioblastoma. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 282.	8.6	19
83	Combination celecoxib and temozolomide in C6 rat glioma orthotopic model. <i>Oncology Reports</i> , 2006, 15, 7.	2.6	18
84	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
85	MerTK mediates STAT3-KRAS/SRC-signaling axis for glioma stem cell maintenance. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 87-95.	2.8	18
86	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
87	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
88	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
89	Bilateral Nasoseptal Flaps for Endoscopic Endonasal Transsphenoidal Approach. <i>Journal of Craniofacial Surgery</i> , 2013, 24, 1569-1572.	0.7	16
90	Clinical and Radiological Prognostic Factors of Anaplastic Oligodendroglioma Treated by Combined Therapy. <i>Neurologia Medico-Chirurgica</i> , 2005, 45, 232-239.	2.2	15

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91	Pituitary abscess in a pregnant woman. <i>Journal of Clinical Neuroscience</i> , 2007, 14, 1135-1139.	1.5	15
92	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
93	Cytotoxicity of rat marrow stromal cells against malignant glioma cells. <i>Child's Nervous System</i> , 2005, 21, 528-538.	1.1	14
94	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
95	Isolation and characterization of tumorspheres from a recurrent pineoblastoma patient: Feasibility of a patient-derived xenograft. <i>International Journal of Oncology</i> , 2016, 49, 569-578.	3.3	14
96	The Initial Area Under the Curve Derived from Dynamic Contrast-Enhanced MRI Improves Prognosis Prediction in Glioblastoma with Unmethylated MGMT Promoter. <i>American Journal of Neuroradiology</i> , 2017, 38, 1528-1535.	2.4	14
97	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.	2.0	14
98	Lymphokine activated killer cells from umbilical cord blood show higher antitumor effect against anaplastic astrocytoma cell line (U87) and medulloblastoma cell line (TE671) than lymphokine activated killer cells from peripheral blood. <i>Child's Nervous System</i> , 2004, 20, 154-162.	1.1	13
99	Hemangiopericytomas in the Central Nervous System: A Multicenter Study of Korean Cases with Validation of the Usage of STAT6 Immunohistochemistry for Diagnosis of Disease. <i>Annals of Surgical Oncology</i> , 2016, 23, 954-961.	1.5	13
100	Combined treatment with 2-hydroxycinnamaldehyde and temozolomide suppresses glioblastoma tumorspheres by decreasing stemness and invasiveness. <i>Journal of Neuro-Oncology</i> , 2019, 143, 69-77.	2.9	12
101	Temozolomide Salvage Chemotherapy for Recurrent Anaplastic Oligodendroglioma and Oligo-Astrocytoma. <i>Journal of Korean Neurosurgical Society</i> , 2013, 54, 489.	1.2	12
102	Elderly patients with newly diagnosed glioblastoma: can preoperative imaging descriptors improve the predictive power of a survival model?. <i>Journal of Neuro-Oncology</i> , 2017, 134, 423-431.	2.9	11
103	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
104	A novel 2-pyrone derivative, BHP, impedes oncogenic KRAS-driven malignant progression in breast cancer. <i>Cancer Letters</i> , 2013, 337, 49-57.	7.2	10
105	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
106	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
107	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
108	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

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109	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
110	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
111	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
112	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
113	PKC δ activated by c-MET enhances infiltration of human glioblastoma cells through NOTCH2 signaling. <i>Oncotarget</i> , 2016, 7, 4890-4902.	1.8	9
114	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
115	K-RAS Acts as a Critical Regulator of CD44 to Promote the Invasiveness and Stemness of GBM in Response to Ionizing Radiation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10923.	4.1	9
116	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
117	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
118	Association analysis of RTEL1 variants with risk of adult gliomas in a Korean population. <i>PLoS ONE</i> , 2018, 13, e0207660.	2.5	8
119	Survival, Prognostic Factors, and Volumetric Analysis of Extent of Resection for Anaplastic Gliomas. <i>Cancer Research and Treatment</i> , 2020, 52, 1041-1049.	3.0	8
120	The Korean Society for Neuro-Oncology (KSNO) Guideline for WHO Grade III Cerebral Gliomas in Adults: Version 2019.01. <i>Brain Tumor Research and Treatment</i> , 2019, 7, 63.	1.0	8
121	Sudden cortical blindness in an adult with moyamoya disease. <i>World Neurosurgery</i> , 2007, 67, 303-307.	1.3	7
122	Silence of Hippo Pathway Associates with Pro-Tumoral Immunosuppression: Potential Therapeutic Target of Glioblastomas. <i>Cells</i> , 2020, 9, 1761.	4.1	7
123	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. <i>Neuroradiology</i> , 2021, 63, 1811-1822.	2.2	7
124	The Korean Society for Neuro-Oncology (KSNO) Guideline for WHO Grade II Cerebral Gliomas in Adults: Version 2019.01. <i>Brain Tumor Research and Treatment</i> , 2019, 7, 74.	1.0	7
125	Predicting survival using the 2016 World Health Organization classification for anaplastic glioma. , 2020, 39, 188-195.		7
126	Simple excision and periosteal reattachment for the treatment of calcified cephalhematoma. <i>Journal of Neurosurgery: Pediatrics</i> , 2007, 106, 162-164.	1.3	6

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127	Ambient carbon monoxide exposure and elevated risk of mortality in the glioblastoma patients: A double-cohort retrospective observational study. <i>Cancer Medicine</i> , 2020, 9, 9018-9026.	2.8	6
128	Diagnostic challenges of posterior fossa hemangioblastomas: Refining current radiological classification scheme. <i>Scientific Reports</i> , 2020, 10, 6267.	3.3	6
129	Combinatorial Therapeutic Effect of Inhibitors of Aldehyde Dehydrogenase and Mitochondrial Complex I, and the Chemotherapeutic Drug, Temozolomide against Glioblastoma Tumorspheres. <i>Molecules</i> , 2021, 26, 282.	3.8	6
130	Ruptured right posterior inferior cerebellar artery aneurysm associated with hypoplasia of the right vertebral artery and both internal carotid arteries. <i>British Journal of Neurosurgery</i> , 2009, 23, 551-553.	0.8	5
131	Clinical and diffusion parameters may noninvasively predict TERT promoter mutation status in grade II meningiomas. <i>Journal of Neuroradiology</i> , 2021, 49, 59-59.	1.1	5
132	A diagnostic tree for differentiation of adult pilocytic astrocytomas from high-grade gliomas. <i>European Journal of Radiology</i> , 2021, 143, 109946.	2.6	5
133	Quenching Epigenetic Drug Resistance Using Antihypoxic Microparticles in Glioblastoma Patient-Derived Chips. <i>Advanced Healthcare Materials</i> , 2021, , 2102226.	7.6	5
134	Pheochromocytoma with Brain Metastasis: A Extremely Rare Case in Worldwide. <i>Brain Tumor Research and Treatment</i> , 2018, 6, 101.	1.0	4
135	Co-expression of cancer driver genes: IDH-wildtype glioblastoma-derived tumorspheres. <i>Journal of Translational Medicine</i> , 2020, 18, 482.	4.4	4
136	Anterior skull base reconstruction using an anterolateral thigh free flap. <i>Archives of Craniofacial Surgery</i> , 2021, 22, 232-238.	1.3	4
137	Patterns of recurrence according to the extent of resection in patients with IDH-wild-type glioblastoma: a retrospective study. <i>Journal of Neurosurgery</i> , 2022, 137, 533-543.	1.6	4
138	Adding radiomics to the 2021 WHO updates may improve prognostic prediction for current IDH-wildtype histological lower-grade gliomas with known EGFR amplification and TERT promoter mutation status. <i>European Radiology</i> , 2022, 32, 8089-8098.	4.5	4
139	Primary Diffuse Leptomeningeal Gliosarcomatosis. <i>Brain Tumor Research and Treatment</i> , 2015, 3, 34.	1.0	3
140	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. <i>Cancer Cell International</i> , 2016, 16, 75.	4.1	3
141	Spontaneous Acute Subdural Hemorrhage in a Patient with a Tick Borne Bunyavirus-Induced Severe Fever with Thrombocytopenia Syndrome. <i>Korean Journal of Neurotrauma</i> , 2017, 13, 57.	0.6	3
142	Treatment Results for Recurrent Glioblastoma and Alteration of Programmed Death-Ligand 1 Expression After Recurrence. <i>World Neurosurgery</i> , 2020, 135, e459-e467.	1.3	3
143	Current and Future Perspectives in Craniosynostosis. <i>Journal of Korean Neurosurgical Society</i> , 2016, 59, 247.	1.2	3
144	Clinical images: Myositis ossificans of the upper extremity. <i>Arthritis and Rheumatism</i> , 2007, 56, 2454-2454.	6.7	2

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145	Sensitive label-free imaging of brain samples using FxClear-based tissue clearing technique. <i>IScience</i> , 2021, 24, 102267.	4.1	2
146	Influence of Concurrent and Adjuvant Temozolomide on Health-Related Quality of Life of Patients with Grade III Gliomas: A Secondary Analysis of a Randomized Clinical Trial (KNOG-1101 Study). <i>Cancer Research and Treatment</i> , 2022, 54, 396-405.	3.0	2
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