

Jeong Hoon Kim

List of Publications by Year in descending order

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107
papers

2,522
citations

257450

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114
docs citations

114
times ranked

4055
citing authors

#	ARTICLE	IF	CITATIONS
1	Normalization of Tumor Vessels by Tie2 Activation and Ang2 Inhibition Enhances Drug Delivery and Produces a Favorable Tumor Microenvironment. <i>Cancer Cell</i> , 2016, 30, 953-967.	16.8	259
2	Quality of science and reporting of radiomics in oncologic studies: room for improvement according to radiomics quality score and TRIPOD statement. <i>European Radiology</i> , 2020, 30, 523-536.	4.5	178
3	Incorporating diffusion- and perfusion-weighted MRI into a radiomics model improves diagnostic performance for pseudoprogression in glioblastoma patients. <i>Neuro-Oncology</i> , 2019, 21, 404-414.	1.2	153
4	Meningeal hemangiopericytomas. <i>World Neurosurgery</i> , 2003, 59, 47-53.	1.3	147
5	Diffusion radiomics as a diagnostic model for atypical manifestation of primary central nervous system lymphoma: development and multicenter external validation. <i>Neuro-Oncology</i> , 2018, 20, 1251-1261.	1.2	103
6	Diffusion- and perfusion-weighted MRI radiomics model may predict isocitrate dehydrogenase (IDH) mutation and tumor aggressiveness in diffuse lower grade glioma. <i>European Radiology</i> , 2020, 30, 2142-2151.	4.5	93
7	Chordomas and chondrosarcomas of the skull base: comparative analysis of clinical results in 30 patients. <i>Neurosurgical Review</i> , 2007, 31, 35-43.	2.4	89
8	Pre- and Posttreatment Glioma: Comparison of Amide Proton Transfer Imaging with MR Spectroscopy for Biomarkers of Tumor Proliferation. <i>Radiology</i> , 2016, 278, 514-523.	7.3	87
9	A systematic review reporting quality of radiomics research in neuro-oncology: toward clinical utility and quality improvement using high-dimensional imaging features. <i>BMC Cancer</i> , 2020, 20, 29.	2.6	82
10	A novel weighted scoring system for estimating the risk of rapid growth in untreated intracranial meningiomas. <i>Journal of Neurosurgery</i> , 2017, 127, 971-980.	1.6	55
11	Radiomics prognostication model in glioblastoma using diffusion- and perfusion-weighted MRI. <i>Scientific Reports</i> , 2020, 10, 4250.	3.3	50
12	Identification of Early Response to Anti-Angiogenic Therapy in Recurrent Glioblastoma: Amide Proton Transfer-weighted and Perfusion-weighted MRI compared with Diffusion-weighted MRI. <i>Radiology</i> , 2020, 295, 397-406.	7.3	49
13	Efficacy and Safety of Fractionated Stereotactic Radiosurgery for Large Brain Metastases. <i>Journal of Korean Neurosurgical Society</i> , 2015, 58, 217.	1.2	48
14	Prediction of Core Signaling Pathway by Using Diffusion- and Perfusion-based MRI Radiomics and Next-generation Sequencing in Isocitrate Dehydrogenase Wild-type Glioblastoma. <i>Radiology</i> , 2020, 294, 388-397.	7.3	43
15	Extensive peritumoral edema and brain-to-tumor interface MRI features enable prediction of brain invasion in meningioma: development and validation. <i>Neuro-Oncology</i> , 2021, 23, 324-333.	1.2	40
16	High prevalence of TP53 mutations is associated with poor survival and an EMT signature in gliosarcoma patients. <i>Experimental and Molecular Medicine</i> , 2017, 49, e317-e317.	7.7	37
17	Alteration of long-distance functional connectivity and network topology in patients with supratentorial gliomas. <i>Neuroradiology</i> , 2016, 58, 311-320.	2.2	36
18	Sox7 promotes high-grade glioma by increasing VEGFR2-mediated vascular abnormality. <i>Journal of Experimental Medicine</i> , 2018, 215, 963-983.	8.5	36

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19	Treatment and Outcomes for Gangliogliomas: A Single-Center Review of 16 Patients. <i>Brain Tumor Research and Treatment</i> , 2014, 2, 49.	1.0	32
20	Different diagnostic values of imaging parameters to predict pseudoprogression in glioblastoma subgroups stratified by MGMT promoter methylation. <i>European Radiology</i> , 2017, 27, 255-266.	4.5	32
21	Upregulation of AQP4 Improves Blood-Brain Barrier Integrity and Perihematomal Edema Following Intracerebral Hemorrhage. <i>Neurotherapeutics</i> , 2021, 18, 2692-2706.	4.4	30
22	Peritumoral Brain Edema after Stereotactic Radiosurgery for Asymptomatic Intracranial Meningiomas: Risks and Pattern of Evolution. <i>Journal of Korean Neurosurgical Society</i> , 2015, 58, 379.	1.2	30
23	Analysis of the results of recurrent intracranial meningiomas treated with re-radiosurgery. <i>Clinical Neurology and Neurosurgery</i> , 2017, 153, 93-101.	1.4	29
24	“Wait-and-See” Strategies for Newly Diagnosed Intracranial Meningiomas Based on the Risk of Future Observation Failure. <i>World Neurosurgery</i> , 2017, 107, 604-611.	1.3	28
25	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
26	The impact of postoperative radiation therapy on patterns of failure and survival improvement in patients with intracranial hemangiopericytoma. <i>Journal of Neuro-Oncology</i> , 2016, 127, 181-190.	2.9	25
27	Anatomical Origin of Tuberculum Sellae Meningioma: Off-Midline Location and Its Clinical Implications. <i>World Neurosurgery</i> , 2016, 89, 552-561.	1.3	24
28	A Suggestion of Modified Classification of Trigeminal Schwannomas According to Location, Shape, and Extension. <i>Brain Tumor Research and Treatment</i> , 2014, 2, 62.	1.0	23
29	Tumor-infiltrating immune cell subpopulations and programmed death ligand 1 (PD-L1) expression associated with clinicopathological and prognostic parameters in ependymoma. <i>Cancer Immunology, Immunotherapy</i> , 2019, 68, 305-318.	4.2	23
30	Experiences on two different stereotactic radiosurgery modalities of Gamma Knife and Cyberknife in treating brain metastases. <i>Acta Neurochirurgica</i> , 2015, 157, 2003-2009.	1.7	21
31	Analysis of equivalent parameters of two spinal cord injury devices: the New York University impactor versus the Infinite Horizon impactor. <i>Spine Journal</i> , 2016, 16, 1392-1403.	1.3	20
32	Enhanced axonal regeneration by transplanted Wnt3a-secreting human mesenchymal stem cells in a rat model of spinal cord injury. <i>Acta Neurochirurgica</i> , 2017, 159, 947-957.	1.7	20
33	Intracranial solitary fibrous tumor/hemangiopericytoma: tumor reclassification and assessment of treatment outcome via the 2016 WHO classification. <i>Journal of Neuro-Oncology</i> , 2021, 154, 171-178.	2.9	20
34	Is the Complete Resection of Craniopharyngiomas in Adults Feasible Considering Both the Oncologic and Functional Outcomes?. <i>Journal of Korean Neurosurgical Society</i> , 2015, 58, 432.	1.2	19
35	Characteristics and Treatments of Large Cystic Brain Metastasis: Radiosurgery and Stereotactic Aspiration. <i>Brain Tumor Research and Treatment</i> , 2015, 3, 1.	1.0	18
36	Differentiation of Recurrent Glioblastoma from Delayed Radiation Necrosis by Using Voxel-based Multiparametric Analysis of MR Imaging Data. <i>Radiology</i> , 2017, 285, 206-213.	7.3	18

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37	Spatiotemporal Heterogeneity in Multiparametric Physiologic MRI Is Associated with Patient Outcomes in IDH-Wildtype Glioblastoma. <i>Clinical Cancer Research</i> , 2021, 27, 237-245.	7.0	18
38	Clinical outcomes of primary intracranial malignant melanoma and metastatic intracranial malignant melanoma. <i>Clinical Neurology and Neurosurgery</i> , 2018, 164, 32-38.	1.4	17
39	Paroxysmal sympathetic hyperactivity in brainstem-compressing huge benign tumors: clinical experiences and literature review. <i>SpringerPlus</i> , 2016, 5, 340.	1.2	16
40	Prognosis and treatment outcomes of central neurocytomas: clinical interrogation based on a single center experience. <i>Journal of Neuro-Oncology</i> , 2018, 140, 669-677.	2.9	16
41	Supratentorial Extraventricular Ependymoma: Retrospective Analysis of 15 Patients at a Single Institution. <i>World Neurosurgery</i> , 2018, 118, e1-e9.	1.3	15
42	Tumor treating fields plus temozolomide for newly diagnosed glioblastoma: a sub-group analysis of Korean patients in the EF-14 phase 3 trial. <i>Journal of Neuro-Oncology</i> , 2020, 146, 399-406.	2.9	15
43	Validation of the Korean version of the European Organization for Research and Treatment of Cancer brain cancer module (EORTC QLQ-BN20) in patients with brain tumors. <i>Health and Quality of Life Outcomes</i> , 2013, 11, 145.	2.4	14
44	Long-term outcomes following Gamma Knife radiosurgery for small, newly diagnosed meningiomas. <i>Clinical Neurology and Neurosurgery</i> , 2016, 142, 1-7.	1.4	14
45	Clinical Interrogation for Unveiling an Isolated Hypophysitis Mimicking Pituitary Adenoma. <i>World Neurosurgery</i> , 2017, 99, 735-744.	1.3	14
46	Differences in Type Composition of Symptom Clusters as Predictors of Quality of Life in Patients with Meningioma and Glioma. <i>World Neurosurgery</i> , 2017, 98, 50-59.	1.3	13
47	A Single-Institution Retrospective Study of Jugular Foramen Schwannoma Management: Radical Resection Versus Subtotal Intracranial Resection Through a Retrosigmoid Suboccipital Approach Followed by Radiosurgery. <i>World Neurosurgery</i> , 2016, 88, 552-562.	1.3	12
48	Comparison of Survival Outcomes Between Partial Resection and Biopsy for Primary Glioblastoma: A Propensity Score-Matched Study. <i>World Neurosurgery</i> , 2019, 121, e858-e866.	1.3	12
49	Usage Pattern Differences and Similarities of Mobile Electronic Medical Records Among Health Care Providers. <i>JMIR MHealth and UHealth</i> , 2017, 5, e178.	3.7	12
50	Upfront Stereotactic Radiosurgery for Pineal Parenchymal Tumors in Adults. <i>Journal of Korean Neurosurgical Society</i> , 2015, 58, 334.	1.2	12
51	Clinical Outcomes of Gamma Knife Radiosurgery for Metastatic Brain Tumors from Gynecologic Cancer : Prognostic Factors in Local Treatment Failure and Survival. <i>Journal of Korean Neurosurgical Society</i> , 2016, 59, 392.	1.2	11
52	Recurrent Glioblastoma: Combination of High Cerebral Blood Flow with MGMT Promoter Methylation Is Associated with Benefit from Low-Dose Temozolomide Rechallenge at First Recurrence. <i>Radiology</i> , 2017, 282, 212-221.	7.3	11
53	Postoperative Neurologic Outcome in Patients with Pituitary Apoplexy After Transsphenoidal Surgery. <i>World Neurosurgery</i> , 2018, 111, e18-e23.	1.3	11
54	Treatment and Survival Outcomes of Primary Intracranial Squamous Cell Carcinoma. <i>World Neurosurgery</i> , 2019, 125, e1-e9.	1.3	11

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55	Hypofractionated intensity-modulated radiotherapy using simultaneous integrated boost technique with concurrent and adjuvant temozolomide for glioblastoma. <i>Tumori</i> , 2013, 99, 480-487.	1.1	10
56	Analysis on Bilateral Hindlimb Mapping in Motor Cortex of the Rat by an Intracortical Microstimulation Method. <i>Journal of Korean Medical Science</i> , 2014, 29, 587.	2.5	10
57	Analysis the causes of radiosurgical failure in intracranial meningiomas treated with radiosurgery. <i>Clinical Neurology and Neurosurgery</i> , 2017, 154, 51-58.	1.4	10
58	Peritumoral Edema Affects the Prognosis in Adult Pleomorphic Xanthoastrocytoma: Retrospective Analysis of 25 Patients. <i>World Neurosurgery</i> , 2018, 114, e457-e467.	1.3	10
59	Thiotepa, busulfan, and cyclophosphamide or busulfan, cyclophosphamide, and etoposide high-dose chemotherapy followed by autologous stem cell transplantation for consolidation of primary central nervous system lymphoma. <i>Annals of Hematology</i> , 2019, 98, 1657-1664.	1.8	10
60	Survival outcome and prognostic factors in anaplastic oligodendroglioma: a single-institution study of 95 cases. <i>Scientific Reports</i> , 2020, 10, 20162.	3.3	10
61	Hypofractionated stereotactic radiosurgery for large-sized skull base meningiomas. <i>Journal of Neuro-Oncology</i> , 2020, 149, 87-93.	2.9	10
62	Spatiotemporal habitats from multiparametric physiologic MRI distinguish tumor progression from treatment-related change in post-treatment glioblastoma. <i>European Radiology</i> , 2021, 31, 6374-6383.	4.5	10
63	Joint approach based on clinical and imaging features to distinguish non-neoplastic from neoplastic pituitary stalk lesions. <i>PLoS ONE</i> , 2017, 12, e0187989.	2.5	9
64	Role of gamma knife radiosurgery for recurrent or residual World Health Organization grade II and III intracranial meningiomas. <i>British Journal of Neurosurgery</i> , 2020, 34, 239-245.	0.8	9
65	Risk Factors for High-Grade Meningioma in Brain and Spine: Systematic Review and Meta-analysis. <i>World Neurosurgery</i> , 2021, 151, e718-e730.	1.3	9
66	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
67	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
68	Growth rate and fate of untreated hemangioblastomas: clinical assessment of the experience of a single institution. <i>Journal of Neuro-Oncology</i> , 2019, 144, 147-154.	2.9	8
69	What Clinical Information Is Valuable to Doctors Using Mobile Electronic Medical Records and When?. <i>Journal of Medical Internet Research</i> , 2017, 19, e340.	4.3	8
70	Is There Additive Therapeutic Effect When GCSF Combined with Adipose-Derived Stem Cell in a Rat Model of Acute Spinal Cord Injury?. <i>Journal of Korean Neurosurgical Society</i> , 2017, 60, 404-416.	1.2	8
71	Predictors of unprovoked seizures in surgically treated pyogenic brain abscess: Does perioperative adjunctive use of steroids has any protective effect?. <i>Clinical Neurology and Neurosurgery</i> , 2018, 173, 46-51.	1.4	7
72	Low conductivity on electrical properties tomography demonstrates unique tumor habitats indicating progression in glioblastoma. <i>European Radiology</i> , 2021, 31, 6655-6665.	4.5	7

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73	Surgically Treated Community-Acquired Brain Abscess: Bacteriological Analysis Based on Predisposing Infections. <i>Japanese Journal of Infectious Diseases</i> , 2018, 71, 191-196.	1.2	6
74	Follow-Up and Treatment of Patients with Coexisting Brain Tumor and Intracranial Aneurysm. <i>World Neurosurgery</i> , 2019, 129, e73-e80.	1.3	6
75	Malignant Transformation of a Rosette-Forming Glioneuronal Tumor to Glioblastoma. <i>World Neurosurgery</i> , 2019, 130, 271-275.	1.3	6
76	Primary central nervous system lymphoma involving the hypothalamic-pituitary axis: a case series and pooled analysis. <i>Journal of Neuro-Oncology</i> , 2020, 147, 339-349.	2.9	6
77	Clinicopathological characteristics of primary central nervous system lymphoma with low 18F-fluorodeoxyglucose uptake on brain positron emission tomography. <i>Medicine (United States)</i> , 2020, 99, e20140.	1.0	6
78	Diffuse glioma, not otherwise specified: imaging-based risk stratification achieves histomolecular-level prognostication. <i>European Radiology</i> , 2022, 32, 7780-7788.	4.5	6
79	Transzygomatic approach with anteriorly limited inferior temporal gyrectomy for large medial tentorial meningiomas. <i>Acta Neurochirurgica</i> , 2015, 157, 1747-1756.	1.7	4
80	Joint approach of diffusion- and perfusion-weighted MRI in intra-axial mass like lesions in clinical practice simulation. <i>PLoS ONE</i> , 2018, 13, e0202891.	2.5	4
81	Predictive factors for high-grade transformation in benign meningiomas. <i>Clinical Neurology and Neurosurgery</i> , 2020, 195, 105897.	1.4	4
82	Optimal Ratio of Wnt3a Expression in Human Mesenchymal Stem Cells Promotes Axonal Regeneration in Spinal Cord Injured Rat Model. <i>Journal of Korean Neurosurgical Society</i> , 2021, 64, 705-715.	1.2	4
83	Thyroid-Stimulating Hormone-Secreting Pituitary Adenomas : Single Institutional Experience of 14 Consecutive Cases. <i>Journal of Korean Neurosurgical Society</i> , 2020, 63, 495-503.	1.2	4
84	Extraventricular Neurocytoma: Clinical Investigation of Heterogenous Prognosis. <i>Brain Tumor Research and Treatment</i> , 2022, 10, 22.	1.0	4
85	Perfusion of surgical cavity wall enhancement in early post-treatment MR imaging may stratify the time-to-progression in glioblastoma. <i>PLoS ONE</i> , 2017, 12, e0181933.	2.5	3
86	Cerebellar Hemangioblastoma: Diagnostic Yield of Contrast-Enhanced Abdominal CT and Whole-Spine MRI as Initial Screening Imaging. <i>American Journal of Roentgenology</i> , 2020, 215, 706-712.	2.2	3
87	Treatment Outcome of Hydrocephalus Associated with Vestibular Schwannoma. <i>Journal of Clinical</i>		

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91	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
92	Posterior Fossa Teratomas in Adults : A Systematic Review. <i>Journal of Korean Neurosurgical Society</i> , 2021, 64, 975-982.	1.2	2
93	A Rare Case of Metastatic Brain Tumor From Classic Biphasic Pulmonary Blastoma Presented as Intracerebral Hemorrhage. <i>Brain Tumor Research and Treatment</i> , 2021, 9, 81.	1.0	2
94	Fate of Residual Tumor After Subtotal Resection of a Previously Irradiated Vestibular Schwannoma: Long-Term Follow-Up of a Single-Institutional Series. <i>World Neurosurgery</i> , 2022, 163, e207-e214.	1.3	2
95	Clinical Implications of the Mitotic Index as a Predictive Factor for Malignant Transformation of Atypical Meningiomas. <i>Journal of Korean Neurosurgical Society</i> , 2022, 65, 297-306.	1.2	2
96	Refinement of response assessment in neuro-oncology (RANO) using non-enhancing lesion type and contrast enhancement evolution pattern in IDH wild-type glioblastomas. <i>BMC Cancer</i> , 2021, 21, 654.	2.6	1
97	Autologous Stem Cell Transplantation with Thiotepa, Busulfan, and Cyclophosphamide Conditioning in Patients with Primary Central Nervous System Lymphoma: A Remarkable Outcome Form Single-Center Experience. <i>Blood</i> , 2016, 128, 3462-3462.	1.4	1
98	A pilot study of levetiracetam as a sensitizer of temozolomide for newly diagnosed glioblastoma: A prospective, open-label, phase II study (KBTS-1601 study).. <i>Journal of Clinical Oncology</i> , 2020, 38, 2560-2560.	1.6	1
99	RARE-15. POSTOPERATIVE MANagements FOR ADULT PILOCYTIC ASTROCYTOMAS: EFFICACY OF UPFRONT RADIATION THERAPY AND RADIOSURGERY. <i>Neuro-Oncology</i> , 2016, 18, vi163-vi163.	1.2	0
100	NIMG-65. VOLUMETRIC ASSESSMENT OF PERITUMORAL EDEMA: EXCELLENT TOOL FOR DIFFERENTIAL DIAGNOSIS OF CEREBRAL GLIOMAS AND SOLITARY METASTASES. <i>Neuro-Oncology</i> , 2018, 20, vi190-vi190.	1.2	0
101	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.	1.2	0
102	RARE-38. CNS LYMPHOMA INVOLVING HYPOTHALAMIC-PITUITARY AXIS. <i>Neuro-Oncology</i> , 2019, 21, vi229-vi229.	1.2	0
103	Radiological assessment schedule for 1p/19q-codeleted gliomas during the surveillance period using parametric modeling. <i>Neuro-Oncology Advances</i> , 2021, 3, vlab069.	0.7	0
104	Successful Transcatheter Closure of a Web-Shaped Patent Ductus Arteriosus Using Amplatzer Duct Occluder via Retrograde Wire-Assisted Approach. <i>Journal of Cardiovascular Imaging</i> , 2007, 15, 127.	0.8	0
105	CTNI-55. PREDICTIVE FACTORS FOR HIGH GRADE TRANSFORMATION IN BENIGN MENINGIOMAS. <i>Neuro-Oncology</i> , 2020, 22, ii55-ii55.	1.2	0
106	NCOG-56. THE NATURAL COURSE OF ATYPICAL MENINGIOMA AFTER GROSS TOTAL RESECTION WITHOUT ADJUVANT TREATMENT. <i>Neuro-Oncology</i> , 2020, 22, ii142-ii142.	1.2	0
107	Contrast enhancing pattern on pre-treatment MRI predicts response to anti-angiogenic treatment in recurrent glioblastoma: comparison of bevacizumab and temozolomide treatment. <i>Journal of Neuro-Oncology</i> , 2022, 157, 405-415.	2.9	0