Jung Won Choi

List of Publications by Year
in descending order

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43	1,279	567281 15	414414 32
papers	citations	h-index	g-index

45	45	45	2417
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Single-cell RNA sequencing demonstrates the molecular and cellular reprogramming of metastatic lung adenocarcinoma. Nature Communications, 2020, 11, 2285.	12.8	565
2	Pharmacogenomic landscape of patient-derived tumor cells informs precision oncology therapy. Nature Genetics, 2018, 50, 1399-1411.	21.4	145
3	Long-Term Outcomes of Indirect Bypass for 629 Children With Moyamoya Disease. Stroke, 2019, 50, 3177-3183.	2.0	41
4	Clinical and ophthalmological outcome of endoscopic transorbital surgery for cranioorbital tumors. Journal of Neurosurgery, 2019, 131, 667-675.	1.6	38
5	High prevalence of TP53 mutations is associated with poor survival and an EMT signature in gliosarcoma patients. Experimental and Molecular Medicine, 2017, 49, e317-e317.	7.7	37
6	Postoperative Symptomatic Cerebral Infarction in Pediatric Moyamoya Disease: Risk Factors and Clinical Outcome. World Neurosurgery, 2020, 136, e158-e164.	1.3	35
7	Prediction of IDH1 Mutation Status in Glioblastoma Using Machine Learning Technique Based on Quantitative Radiomic Data. World Neurosurgery, 2019, 125, e688-e696.	1.3	31
8	Mitochondrial abnormalities related to the dysfunction of circulating endothelial colony-forming cells in moyamoya disease. Journal of Neurosurgery, 2018, 129, 1151-1159.	1.6	30
9	Distinct genomic profile and specific targeted drug responses in adult cerebellar glioblastoma. Neuro-Oncology, 2019, 21, 47-58.	1.2	28
10	Secretome analysis of patient-derived GBM tumor spheres identifies midkine as a potent therapeutic target. Experimental and Molecular Medicine, 2019, 51, 1-11.	7.7	28
11	Endoscopic Endonasal Versus Transorbital Surgery for Middle Cranial Fossa Tumors: Comparison of Clinical Outcomes Based on Surgical Corridors. World Neurosurgery, 2019, 122, e1491-e1504.	1.3	28
12	Association between moyamoya syndrome and the RNF213 c.14576G>A variant in patients with neurofibromatosis Type 1. Journal of Neurosurgery: Pediatrics, 2016, 17, 717-722.	1.3	22
13	Craniosynostosis in Growing Children : Pathophysiological Changes and Neurosurgical Problems. Journal of Korean Neurosurgical Society, 2016, 59, 197.	1.2	22
14	Reliable manifestations of increased intracranial pressure in patients with syndromic craniosynostosis. Journal of Cranio-Maxillo-Facial Surgery, 2019, 47, 158-164.	1.7	21
15	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.	0.6	18
16	Hypermutagenesis in untreated adult gliomas due to inherited mismatch mutations. International Journal of Cancer, 2019, 144, 3023-3030.	5.1	16
17	Clinical Efficacy of Optical Coherence Tomography to Predict the Visual Outcome After Endoscopic Endonasal Surgery for Suprasellar Tumors. World Neurosurgery, 2019, 132, e722-e731.	1.3	15
18	Comparison of 1p and 19q status of glioblastoma by whole exome sequencing, array-comparative genomic hybridization, and fluorescence in situ hybridization. Medical Oncology, 2018, 35, 60.	2.5	14

#	Article	IF	Citations
19	Clinical Targeted Next-Generation sequencing Panels for Detection of Somatic Variants in Gliomas. Cancer Research and Treatment, 2020, 52, 41-50.	3.0	14
20	Effectiveness of Postoperative Gamma Knife Radiosurgery to the Tumor Bed After Resection of Brain Metastases. World Neurosurgery, 2015, 84, 1752-1757.	1.3	13
21	Clinical and Radiological Characteristics of Angiomatous Meningiomas. Brain Tumor Research and Treatment, 2016, 4, 94.	1.0	12
22	Is Low-Lying Optic Chiasm an Obstacle to an Endoscopic Endonasal Approach for Retrochiasmatic Craniopharyngiomas? (Korean Society of Endoscopic Neurosurgery -003). World Neurosurgery, 2018, 114, e306-e316.	1.3	12
23	Combined endoscopic endonasal and transorbital multiportal approach for complex skull base lesions involving multiple compartments. Acta Neurochirurgica, 2022, 164, 1911-1922.	1.7	11
24	Outcome of three-fraction gamma knife radiosurgery for brain metastases according to fractionation scheme: preliminary results. Journal of Neuro-Oncology, 2019, 145, 65-74.	2.9	9
25	Immune Checkpoint Inhibitors for Non-Small-Cell Lung Cancer with Brain Metastasis : The Role of Gamma Knife Radiosurgery. Journal of Korean Neurosurgical Society, 2021, 64, 271-281.	1.2	8
26	Volumetric changes of intracranial metastases during the course of fractionated stereotactic radiosurgery and significance of adaptive planning. Journal of Neurosurgery, 2020, 133, 129-134.	1.6	8
27	Coexistence of Radiation-Induced Meningioma and Moyamoya Syndrome 10 Years after Irradiation against Medulloblastoma: a Case Report. Journal of Korean Medical Science, 2017, 32, 1896.	2.5	7
28	Two-staged gamma knife radiosurgery for treatment of numerous (>10) brain metastases. Clinical Neurology and Neurosurgery, 2020, 195, 105847.	1.4	7
29	Graded Reconstruction Strategy Using a Multilayer Technique Without Lumbar Drainage After Endoscopic Endonasal Surgery. World Neurosurgery, 2022, 158, e451-e458.	1.3	7
30	Outcomes of Gamma Knife Radiosurgery in Combination with Crizotinib for Patients with Brain Metastasis from Nonâ€“Small Cell Lung Cancer. World Neurosurgery, 2016, 95, 399-405.	1.3	6
31	Leptomeningeal enhancement on preoperative brain MRI in patients with glioblastoma and its clinical impact. Asia-Pacific Journal of Clinical Oncology, 2018, 14, e366-e373.	1.1	6
32	Optimal Volume of the Residual Tumor to Predict Long-term Tumor Control Using Stereotactic Radiosurgery after Facial Nerve-preserving Surgery for Vestibular Schwannomas. Journal of Korean Medical Science, 2021, 36, e102.	2.5	4
33	Awake craniotomy using a high-flow nasal cannula with oxygen reserve index monitoring - A report of two cases -. Anesthesia and Pain Medicine, 2021, 16, 338-343.	1.4	4
34	Preservation of the Arachnoid Membrane During Encephaloduroarteriosynangiosis Reduces Postoperative Complications without Undermining the Surgical Outcome in Pediatric Moyamoya Disease. World Neurosurgery, 2019, 130, e406-e416.	1.3	3
35	Fractionated stereotactic radiosurgery for malignant gliomas: comparison with single session stereotactic radiosurgery. Journal of Neuro-Oncology, 2019, 145, 571-579.	2.9	3
36	Treatment Strategy for Giant Solid Hemangioblastomas in the Posterior Fossa: AÂRetrospective Review of 13 Consecutive Cases. World Neurosurgery, 2022, 158, e214-e224.	1.3	3

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37	Risk of Postoperative Gastrointestinal Bleeding and Its Associated Factors: A Nationwide Population-Based Study in Korea. Journal of Personalized Medicine, 2021, 11, 1222.	2.5	3
38	Pattern of disease progression following stereotactic radiosurgery in malignant glioma patients. Journal of Clinical Neuroscience, 2020, 76, 61-66.	1.5	2
39	Early hormonal recovery following endoscopic transsphenoidal surgery for silent non-functioning pituitary adenomas with hormone dysfunction. Journal of Neuro-Oncology, 2021, 153, 343-350.	2.9	2
40	Bevacizumab plus irinotecan with or without gamma knife radiosurgery after failure of concurrent chemo-radiotherapy for high-grade glioma. Journal of Neuro-Oncology, 2022, 156, 541.	2.9	1
41	Tectal glioma presenting with adult-onset epileptic seizures. Annals of Clinical Neurophysiology, 2021, 23, 56-60.	0.2	0
42	Outcome of endoscopic transcortical intraventricular biopsy of isolated thickened pituitary stalk lesions in children. Journal of Neurosurgery: Pediatrics, 2022, 29, 319-324.	1.3	0
43	Clinicoradiological and histopathological characteristics and treatment outcomes of cerebral astroblastoma in children: a single-institution experience. Journal of Neurosurgery: Pediatrics, 2022, 29, 513-519.	1.3	0