

Yoshihiro Muragaki

List of Publications by Year in descending order

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Version: 2024-02-01

165
papers

4,385
citations

109321

35
h-index

128289

60
g-index

172
all docs

172
docs citations

172
times ranked

5541
citing authors

#	ARTICLE	IF	CITATIONS
1	Mutational landscape and clonal architecture in grade II and III gliomas. <i>Nature Genetics</i> , 2015, 47, 458-468.	21.4	729
2	Prognostic relevance of genetic alterations in diffuse lower-grade gliomas. <i>Neuro-Oncology</i> , 2018, 20, 66-77.	1.2	225
3	Phase II clinical study on intraoperative photodynamic therapy with talaporfin sodium and semiconductor laser in patients with malignant brain tumors. <i>Journal of Neurosurgery</i> , 2013, 119, 845-852.	1.6	189
4	Radiotherapy combined with nivolumab or temozolomide for newly diagnosed glioblastoma with unmethylated <i>MGMT</i> promoter: An international randomized phase III trial. <i>Neuro-Oncology</i> , 2023, 25, 123-134.	1.2	150
5	Nerve Growth Factor Induces Apoptosis in Human Medulloblastoma Cell Lines that Express TrkA Receptors. <i>Journal of Neuroscience</i> , 1997, 17, 530-542.	3.6	114
6	Expression of <i>trk</i> receptors in the developing and adult human central and peripheral nervous system. <i>Journal of Comparative Neurology</i> , 1995, 356, 387-397.	1.6	96
7	Phase II Study of Single-agent Bevacizumab in Japanese Patients with Recurrent Malignant Glioma. <i>Japanese Journal of Clinical Oncology</i> , 2012, 42, 887-895.	1.3	85
8	Proposed therapeutic strategy for adult low-grade glioma based on aggressive tumor resection. <i>Neurosurgical Focus</i> , 2015, 38, E7.	2.3	73
9	Multivoxel proton MRS for differentiation of radiation-induced necrosis and tumor recurrence after gamma knife radiosurgery for brain metastases. <i>Brain Tumor Pathology</i> , 2006, 23, 19-27.	1.7	70
10	Intraoperative flow cytometry analysis of glioma tissue for rapid determination of tumor presence and its histopathological grade. <i>Journal of Neurosurgery</i> , 2013, 118, 1232-1238.	1.6	65
11	Intraoperative cortico-cortical evoked potentials for the evaluation of language function during brain tumor resection: initial experience with 13 cases. <i>Journal of Neurosurgery</i> , 2014, 121, 827-838.	1.6	65
12	Information-Guided Surgical Management of Gliomas Using Low-Field-Strength Intraoperative MRI. <i>Acta Neurochirurgica Supplementum</i> , 2011, 109, 67-72.	1.0	65
13	Role of neurochemical navigation with 5-aminolevulinic acid during intraoperative MRI-guided resection of intracranial malignant gliomas. <i>Clinical Neurology and Neurosurgery</i> , 2015, 130, 134-139.	1.4	64
14	Threshold of the extent of resection for WHO Grade III gliomas: retrospective volumetric analysis of 122 cases using intraoperative MRI. <i>Journal of Neurosurgery</i> , 2018, 129, 1-9.	1.6	63
15	An integrated diagnosis and therapeutic system using intra-operative 5-aminolevulinic-acid-induced fluorescence guided robotic laser ablation for precision neurosurgery. <i>Medical Image Analysis</i> , 2012, 16, 754-766.	11.6	62
16	Prediction of lower-grade glioma molecular subtypes using deep learning. <i>Journal of Neuro-Oncology</i> , 2020, 146, 321-327.	2.9	62
17	Differential reorganization of three syntax-related networks induced by a left frontal glioma. <i>Brain</i> , 2014, 137, 1193-1212.	7.6	61
18	Gamma Knife robotic microradiosurgery of pituitary adenomas invading the cavernous sinus: treatment concept and results in 89 cases. <i>Journal of Neuro-Oncology</i> , 2010, 98, 185-194.	2.9	55

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19	Intraoperative Functional Mapping and Monitoring during Glioma Surgery. <i>Neurologia Medico-Chirurgica</i> , 2015, 55, 1-13.	2.2	55
20	Phase I/IIa trial of fractionated radiotherapy, temozolomide, and autologous formalin-fixed tumor vaccine for newly diagnosed glioblastoma. <i>Journal of Neurosurgery</i> , 2014, 121, 543-553.	1.6	54
21	Phase I/IIa trial of autologous formalin-fixed tumor vaccine concomitant with fractionated radiotherapy for newly diagnosed glioblastoma. <i>Journal of Neurosurgery</i> , 2011, 115, 248-255.	1.6	52
22	Precise comparison of protoporphyrin IX fluorescence spectra with pathological results for brain tumor tissue identification. <i>Brain Tumor Pathology</i> , 2011, 28, 43-51.	1.7	50
23	Patterns of Intracranial Glioblastoma Recurrence After Aggressive Surgical Resection and Adjuvant Management: Retrospective Analysis of 43 Cases. <i>Neurologia Medico-Chirurgica</i> , 2012, 52, 577-586.	2.2	50
24	JCOG0911 INTEGRA study: a randomized screening phase II trial of interferon β plus temozolomide in comparison with temozolomide alone for newly diagnosed glioblastoma. <i>Journal of Neuro-Oncology</i> , 2018, 138, 627-636.	2.9	49
25	Calcification on CT is a simple and valuable preoperative indicator of 1p/19q loss of heterozygosity in supratentorial brain tumors that are suspected grade II and III gliomas. <i>Brain Tumor Pathology</i> , 2016, 33, 175-182.	1.7	48
26	1H-MRS of intracranial meningiomas: What it can add to known clinical and MRI predictors of the histopathological and biological characteristics of the tumor?. <i>Clinical Neurology and Neurosurgery</i> , 2011, 113, 202-212.	1.4	45
27	Development concepts of a Smart Cyber Operating Theater (SCOT) using ORiN technology. <i>Biomedizinische Technik</i> , 2018, 63, 31-37.	0.8	45
28	Role of photodynamic therapy using talaporfin sodium and a semiconductor laser in patients with newly diagnosed glioblastoma. <i>Journal of Neurosurgery</i> , 2019, 131, 1361-1368.	1.6	45
29	Volumetric Analysis Using Low-Field Intraoperative Magnetic Resonance Imaging for 168 Newly Diagnosed Supratentorial Glioblastomas: Effects of Extent of Resection and Residual Tumor Volume on Survival and Recurrence. <i>World Neurosurgery</i> , 2017, 98, 73-80.	1.3	44
30	A high-resolution computational localization method for transcranial magnetic stimulation mapping. <i>NeuroImage</i> , 2018, 172, 85-93.	4.2	42
31	Intraoperative Photodynamic Diagnosis Using Talaporfin Sodium Simultaneously Applied for Photodynamic Therapy against Malignant Glioma: A Prospective Clinical Study. <i>Frontiers in Neurology</i> , 2018, 9, 24.	2.4	41
32	Distinct molecular profile of diffuse cerebellar gliomas. <i>Acta Neuropathologica</i> , 2017, 134, 941-956.	7.7	40
33	Agrammatic comprehension caused by a glioma in the left frontal cortex. <i>Brain and Language</i> , 2009, 110, 71-80.	1.6	38
34	Sonodynamic Therapy With Anticancer Micelles and High-Intensity Focused Ultrasound in Treatment of Canine Cancer. <i>Frontiers in Pharmacology</i> , 2019, 10, 545.	3.5	38
35	Global post-marketing safety surveillance of Tumor Treating Fields (TTFields) in patients with high-grade glioma in clinical practice. <i>Journal of Neuro-Oncology</i> , 2020, 148, 489-500.	2.9	38
36	A Study of Magnetic Drug Delivery System Using Bulk High Temperature Superconducting Magnet. <i>IEEE Transactions on Applied Superconductivity</i> , 2008, 18, 874-877.	1.7	37

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37	Prognostic value of immunohistochemical profile and response to high-dose methotrexate therapy in primary CNS lymphoma. <i>Journal of Neuro-Oncology</i> , 2010, 98, 341-348.	2.9	37
38	Possible role of single-voxel 1H-MRS in differential diagnosis of suprasellar tumors. <i>Journal of Neuro-Oncology</i> , 2009, 91, 191-198.	2.9	36
39	Research and Development of Magnetic Drug Delivery System Using Bulk High Temperature Superconducting Magnet. <i>IEEE Transactions on Applied Superconductivity</i> , 2009, 19, 2257-2260.	1.7	34
40	Large-Scale Somatotopic Refinement via Functional Synapse Elimination in the Sensory Thalamus of Developing Mice. <i>Journal of Neuroscience</i> , 2014, 34, 1258-1270.	3.6	33
41	Spectroscopy-supported frame-based image-guided stereotactic biopsy of parenchymal brain lesions: Comparative evaluation of diagnostic yield and diagnostic accuracy. <i>Clinical Neurology and Neurosurgery</i> , 2009, 111, 527-535.	1.4	32
42	Clinical presentation of anaplastic large-cell lymphoma in the central nervous system. <i>Molecular and Clinical Oncology</i> , 2013, 1, 655-660.	1.0	30
43	Sonodynamic Therapy Based on Combined Use of Low Dose Administration of Epirubicin-Incorporating Drug Delivery System and Focused Ultrasound. <i>Ultrasound in Medicine and Biology</i> , 2017, 43, 2295-2301.	1.5	30
44	Tumor recurrence patterns after surgical resection of intracranial low-grade gliomas. <i>Journal of Neuro-Oncology</i> , 2019, 144, 519-528.	2.9	30
45	Intelligent Operating Theater Using Intraoperative Open-MRI. <i>Magnetic Resonance in Medical Sciences</i> , 2005, 4, 129-136.	2.0	29
46	Usefulness of positron emission tomography for differentiating gliomas according to the 2016 World Health Organization classification of tumors of the central nervous system. <i>Journal of Neurosurgery</i> , 2020, 133, 1010-1019.	1.6	29
47	Localization of nerve fiber bundles by polarization-sensitive optical coherence tomography. <i>Journal of Neuroscience Methods</i> , 2008, 174, 82-90.	2.5	28
48	Updated Therapeutic Strategy for Adult Low-Grade Glioma Stratified by Resection and Tumor Subtype. <i>Neurologia Medico-Chirurgica</i> , 2013, 53, 447-454.	2.2	28
49	Endoscopic cell sheet transplantation device developed by using a 3-dimensional printer and its feasibility evaluation in a porcine model. <i>Gastrointestinal Endoscopy</i> , 2015, 82, 147-152.	1.0	28
50	Shift of the Pyramidal Tract During Resection of the Intraaxial Brain Tumors Estimated by Intraoperative Diffusion-Weighted Imaging. <i>Neurologia Medico-Chirurgica</i> , 2009, 49, 51-56.	2.2	27
51	Difficulty in identification of the frontal language area in patients with dominant frontal gliomas that involve the pars triangularis. <i>Journal of Neurosurgery</i> , 2016, 125, 803-811.	1.6	27
52	New Possibilities for Stereotaxis. <i>Stereotactic and Functional Neurosurgery</i> , 2001, 76, 159-167.	1.5	25
53	Randomized trial of chemoradiotherapy and adjuvant chemotherapy with nimustine (ACNU) versus nimustine plus procarbazine for newly diagnosed anaplastic astrocytoma and glioblastoma (JCOG0305). <i>Cancer Chemotherapy and Pharmacology</i> , 2013, 71, 511-521.	2.3	25
54	Dual Regulation of Histone Methylation by mTOR Complexes Controls Glioblastoma Tumor Cell Growth via EZH2 and SAM. <i>Molecular Cancer Research</i> , 2020, 18, 1142-1152.	3.4	25

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55	Navigated transcranial magnetic stimulation for glioma removal: prognostic value in motor function recovery from postsurgical neurological deficits. <i>Journal of Neurosurgery</i> , 2017, 127, 877-891.	1.6	24
56	Epidermal growth factor receptor (EGFR) amplification rates observed in screening patients for randomized trials in glioblastoma. <i>Journal of Neuro-Oncology</i> , 2019, 144, 205-210.	2.9	24
57	Bevacizumab changes vascular structure and modulates the expression of angiogenic factors in recurrent malignant gliomas. <i>Brain Tumor Pathology</i> , 2016, 33, 129-136.	1.7	23
58	mTORC2 links growth factor signaling with epigenetic regulation of iron metabolism in glioblastoma. <i>Journal of Biological Chemistry</i> , 2019, 294, 19740-19751.	3.4	23
59	Strategy of Surgical Resection for Glioma Based on Intraoperative Functional Mapping and Monitoring. <i>Neurologia Medico-Chirurgica</i> , 2015, 55, 383-398.	2.2	22
60	Large facial nerve schwannomas without facial palsy: case reports and review of the literature. <i>Neurosurgical Review</i> , 2005, 28, 234-238.	2.4	21
61	Diagnosing Atrial Septal Defect from Electrocardiogram with Deep Learning. <i>Pediatric Cardiology</i> , 2021, 42, 1379-1387.	1.3	20
62	Role of proton magnetic resonance spectroscopy in preoperative evaluation of patients with mesial temporal lobe epilepsy. <i>Journal of the Neurological Sciences</i> , 2009, 285, 212-219.	0.6	19
63	Roles of the Wada Test and Functional Magnetic Resonance Imaging in Identifying the Language-dominant Hemisphere among Patients with Gliomas Located near Speech Areas. <i>Neurologia Medico-Chirurgica</i> , 2017, 57, 28-34.	2.2	19
64	Pathology and Genetics of Gliomas. <i>Progress in Neurological Surgery</i> , 2018, 31, 1-37.	1.3	19
65	Function of Epirubicin-Conjugated Polymeric Micelles in Sonodynamic Therapy. <i>Frontiers in Pharmacology</i> , 2019, 10, 546.	3.5	19
66	Awake craniotomy with transcortical motor evoked potential monitoring for resection of gliomas in the precentral gyrus: utility for predicting motor function. <i>Journal of Neurosurgery</i> , 2020, 132, 987-997.	1.6	19
67	Safety and efficacy of deparatuzumab mafodotin in Japanese patients with malignant glioma: A nonrandomized, phase 1/2 trial. <i>Cancer Science</i> , 2021, 112, 5020-5033.	3.9	19
68	Gamma Knife Robotic Microradiosurgery for Benign Skull Base Meningiomas: Tumor Shrinkage May Depend on the Amount of Radiation Energy Delivered per Lesion Volume (Unit Energy). <i>Stereotactic and Functional Neurosurgery</i> , 2011, 89, 6-16.	1.5	18
69	Cortical responses to C-fiber stimulation by intra-epidermal electrical stimulation: An MEG study. <i>Neuroscience Letters</i> , 2014, 570, 69-74.	2.1	18
70	Intraoperative Flow Cytometry Enables the Differentiation of Primary Central Nervous System Lymphoma from Glioblastoma. <i>World Neurosurgery</i> , 2018, 112, e261-e268.	1.3	18
71	A surgical strategy for lower grade gliomas using intraoperative molecular diagnosis. <i>Brain Tumor Pathology</i> , 2018, 35, 159-167.	1.7	18
72	Functional Plasticity of Language Confirmed with Intraoperative Electrical Stimulations and Updated Neuronavigation: Case Report of Low-Grade Glioma of the Left Inferior Frontal Gyrus. <i>Neurologia Medico-Chirurgica</i> , 2014, 54, 587-592.	2.2	17

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73	Characteristics of time-activity curves obtained from dynamic 11C-methionine PET in common primary brain tumors. <i>Journal of Neuro-Oncology</i> , 2018, 138, 649-658.	2.9	17
74	Long-term Prognostic Assessment of 185 Newly Diagnosed Gliomas--Grade III Glioma Showed Prognosis Comparable to That of Grade II Glioma. <i>Japanese Journal of Clinical Oncology</i> , 2008, 38, 730-733.	1.3	16
75	Metabolic alterations in the peritumoral brain in cases of meningiomas: 1H-MRS study. <i>Journal of the Neurological Sciences</i> , 2009, 284, 168-174.	0.6	16
76	Gamma Knife Radiosurgery for Benign Cavernous Sinus Tumors: Treatment Concept and Outcomes in 120 Cases. <i>Neurologia Medico-Chirurgica</i> , 2012, 52, 714-723.	2.2	16
77	Current Landscape of Sonodynamic Therapy for Treating Cancer. <i>Cancers</i> , 2021, 13, 6184.	3.7	16
78	Wireless Modification of the Intraoperative Examination Monitor for Awake Surgery -Technical Note-. <i>Neurologia Medico-Chirurgica</i> , 2011, 51, 472-476.	2.2	15
79	Primary Cognitive Factors Impaired after Glioma Surgery and Associated Brain Regions. <i>Behavioural Neurology</i> , 2020, 2020, 1-9.	2.1	15
80	Intraoperative tumor segmentation and volume measurement in MRI-guided glioma surgery for tumor resection rate control. <i>Academic Radiology</i> , 2005, 12, 116-122.	2.5	14
81	Letter to the Editor. Evaluation of novel neurosurgical devices during clinical testing. <i>Journal of Neurosurgery</i> , 2019, 131, 1342-1344.	1.6	14
82	Development and Initial Clinical Testing of "OPECT". <i>Operative Neurosurgery</i> , 2014, 10, 46-50.	0.8	13
83	Correlation between fractional anisotropy changes in the targeted ventral intermediate nucleus and clinical outcome after transcranial MR-guided focused ultrasound thalamotomy for essential tremor: results of a pilot study. <i>Journal of Neurosurgery</i> , 2020, 132, 568-573.	1.6	12
84	Layer-specific sensory processing impairment in the primary somatosensory cortex after motor cortex infarction. <i>Scientific Reports</i> , 2020, 10, 3771.	3.3	12
85	Therapeutic Options for Recurrent Glioblastoma--Efficacy of Talaporfin Sodium Mediated Photodynamic Therapy. <i>Pharmaceutics</i> , 2022, 14, 353.	4.5	12
86	Usefulness of 11C-methionine positron emission tomography for treatment-decision making in cases of non-enhancing glioma-like brain lesions. <i>Journal of Neuro-Oncology</i> , 2016, 126, 577-583.	2.9	11
87	Influence of wide opening of the lateral ventricle on survival for supratentorial glioblastoma patients with radiotherapy and concomitant temozolomide-based chemotherapy. <i>Neurosurgical Review</i> , 2020, 43, 1583-1593.	2.4	11
88	The iArmS Robotic Armrest Prolongs Endoscope Lens--Wiping Intervals in Endoscopic Sinus Surgery. <i>Surgical Innovation</i> , 2020, 27, 515-522.	0.9	11
89	Role of a Promoter Mutation in TERT in Malignant Transformation of Pleomorphic Xanthoastrocytoma. <i>World Neurosurgery</i> , 2019, 126, 624-630.	1.3	10
90	Enhanced Malignant Phenotypes of Glioblastoma Cells Surviving NPe6-Mediated Photodynamic Therapy are Regulated via ERK1/2 Activation. <i>Cancers</i> , 2020, 12, 3641.	3.7	10

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91	Intraoperative detection of malignant gliomas using 5-Aminolevulinic acid-induced protoporphyrin fluorescence, openMRI and real-time navigation system. International Congress Series, 2001, 1230, 281-286.	0.2	9
92	Impact of awake mapping on overall survival and extent of resection in patients with adult diffuse gliomas within or near eloquent areas: a retrospective propensity score-matched analysis of awake craniotomy vs. general anesthesia. Acta Neurochirurgica, 2022, 164, 395-404.	1.7	9
93	Intelligent Surgeon's Arm Supporting System iArmS in Microscopic Neurosurgery Utilizing Robotic Technology. World Neurosurgery, 2018, 119, e661-e665.	1.3	8
94	The Impact of Intraoperative Magnetic Resonance Imaging on Patient Safety Management During Awake Craniotomy. Journal of Neurosurgical Anesthesiology, 2019, 31, 62-69.	1.2	7
95	Mathematical Modeling and Mutational Analysis Reveal Optimal Therapy to Prevent Malignant Transformation in Grade II IDH-Mutant Gliomas. Cancer Research, 2021, 81, 4861-4873.	0.9	7
96	Information-Guided Surgery of Intracranial Gliomas: Overview of an Advanced Intraoperative Technology. Journal of Healthcare Engineering, 2012, 3, 551-570.	1.9	6
97	Evaluation of DNA ploidy with intraoperative flow cytometry may predict long-term survival of patients with supratentorial low-grade gliomas: Analysis of 102 cases. Clinical Neurology and Neurosurgery, 2018, 168, 46-53.	1.4	6
98	Correlation between localization of supratentorial glioma to the precentral gyrus and difficulty in identification of the motor area during awake craniotomy. Journal of Neurosurgery, 2021, 134, 1490-1499.	1.6	6
99	Efficacy and safety of nivolumab in Japanese patients with first recurrence of glioblastoma: an open-label, non-comparative study. International Journal of Clinical Oncology, 2021, 26, 2205-2215.	2.2	6
100	Combining Pre-operative Diffusion Tensor Images and Intraoperative Magnetic Resonance Images in the Navigation Is Useful for Detecting White Matter Tracts During Glioma Surgery. Frontiers in Neurology, 2021, 12, 805952.	2.4	6
101	Effectiveness of Stereotactic Radiotherapy and Bevacizumab for Recurrent High-Grade Gliomas: A Potential Therapy for Isocitrate Dehydrogenase Wild-Type Recurrent High-Grade Gliomas. World Neurosurgery, 2018, 114, e1138-e1146.	1.3	5
102	GATOR: connecting integrated operating room solutions based on the IEEE 11073 SDC and ORiN standards. International Journal of Computer Assisted Radiology and Surgery, 2019, 14, 2233-2243.	2.8	5
103	Differential Effects of a Left Frontal Glioma on the Cortical Thickness and Complexity of Both Hemispheres. Cerebral Cortex Communications, 2020, 1, tgaa027.	1.6	5
104	Genetic analysis in patients with newly diagnosed glioblastomas treated with interferon-beta plus temozolomide in comparison with temozolomide alone. Journal of Neuro-Oncology, 2020, 148, 17-27.	2.9	5
105	Robotic Technology in Operating Rooms: a Review. Current Robotics Reports, 2021, 2, 333-341.	7.9	5
106	Awake craniotomy with transcortical motor evoked potential monitoring for resection of gliomas within or close to motor-related areas: validation of utility for predicting motor function. Journal of Neurosurgery, 2022, 136, 1052-1061.	1.6	5
107	Phase I/II study of depatuxizumab mafodotin (ABT-414) monotherapy or combination with temozolomide in Japanese patients with/without EGFR-amplified recurrent glioblastoma. Journal of Clinical Oncology, 2019, 37, 2065-2065.	1.6	5
108	Quantitative Evaluation of Efficacy of Intraoperative Examination Monitor for Awake Surgery. World Neurosurgery, 2019, 126, e432-e438.	1.3	4

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109	Task-Induced Functional Connectivity of the Syntax-Related Networks for Patients with a Cortical Glioma. <i>Cerebral Cortex Communications</i> , 2020, 1, tga061.	1.6	4
110	Transient Focal Magnetic Resonance Imaging Abnormalities After Status Epilepticus Showed 11C-Methionine Uptake with Positron Emission Tomography in a Patient with Cerebral Cavernous Malformation. <i>World Neurosurgery</i> , 2018, 114, 43-46.	1.3	3
111	A Method to Extract Feature Variables Contributed in Nonlinear Machine Learning Prediction. <i>Methods of Information in Medicine</i> , 2020, 59, 001-008.	1.2	3
112	Video-based neonatal state assessment method for timing of procedures. <i>Pediatrics International</i> , 2021, 63, 685-692.	0.5	3
113	Utility of intraoperative magnetic resonance imaging for giant cell tumor of bone after denosumab treatment: a pilot study. <i>Acta Radiologica</i> , 2022, 63, 176-181.	1.1	3
114	Reliability of Residual Tumor Estimation Based on Navigation Log. <i>Neurologia Medico-Chirurgica</i> , 2020, 60, 458-467.	2.2	3
115	Monitoring Cortico-cortical Evoked Potentials Using Only Two 6-strand Strip Electrodes for Gliomas Extending to the Dominant Side of Frontal Operculum During One-step Tumor Removal Surgery. <i>World Neurosurgery</i> , 2022, 165, e732-e742.	1.3	3
116	Modified rapid immunohistochemical staining for intraoperative diagnosis of malignant brain tumors. <i>Brain Tumor Pathology</i> , 2017, 34, 141-148.	1.7	2
117	Modified fractal analysis of methionine positron emission tomography images for predicting prognosis in newly diagnosed patients with glioma. <i>Nuclear Medicine Communications</i> , 2018, 39, 1165-1173.	1.1	2
118	Development of a Semiautomatic Dura Mater Suturing Device for Preventing Cerebrospinal Fluid Leakage in Transsphenoidal Surgery. <i>Surgical Innovation</i> , 2021, 28, 155335062096900.	0.9	2
119	Rapid Flow Cytometry of Gastrointestinal Stromal Tumours Closely Matches the Modified Fletcher Classification. <i>Anticancer Research</i> , 2021, 41, 131-136.	1.1	2
120	STMO-08 INFLUENCE OF WIDE OPENING OF THE LATERAL VENTRICLE ON SURVIVAL FOR SUPRATENTORIAL GLIOBLASTOMA PATIENTS WITH RADIOTHERAPY AND CONCOMITANT TEMOZOLOMIDE-BASED CHEMOTHERAPY. <i>Neuro-Oncology Advances</i> , 2019, 1, ii19-ii19.	0.7	1
121	Impact of connectivity between the pars triangularis and orbitalis on identifying the frontal language area in patients with dominant frontal gliomas. <i>Neurosurgical Review</i> , 2020, 43, 537-545.	2.4	1
122	A novel reaction force-fluorescence measurement system for evaluating pancreatic juice leakage from an excised swine pancreas during distal pancreatectomy. <i>Journal of Hepato-Biliary-Pancreatic Sciences</i> , 2020, 27, 877-886.	2.6	1
123	Intraoperative Monitoring for Glioma Surgery. <i>Japanese Journal of Neurosurgery</i> , 2019, 28, 705-714.	0.0	1
124	What's "Non-Common Sense" for Pediatric Brain Tumor?. <i>Japanese Journal of Neurosurgery</i> , 2020, 29, 25-34.	0.0	1
125	Smart Cyber Operating Theater (SCOT): Strategy for Future OR. , 2022, , 389-393.		1
126	TMOD-33. AN INTEGRATED APPROACH COMBINING MATHEMATICAL AND GENOMIC METHODS TO REVEAL THE OPTIMAL TIMING OF THERAPEUTIC INTERVENTION IN WHO GRADE II DIFFUSE GLIOMA. <i>Neuro-Oncology</i> , 2019, 21, vi270-vi270.	1.2	0

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127	RARE-18. CLINICAL EXPERIENCE OF DABRAFENIB IN COMBINATION WITH TRAMETINIB TREATMENT FOR ANAPLASTIC PXA CASES. <i>Neuro-Oncology</i> , 2019, 21, vi225-vi225.	1.2	0
128	STMO-11 CLINICAL EFFICACY OF AWAKE SURGERY: ANALYSIS OF 335 CASE ON EXTENT OF RESECTION AND SURVIVAL TIME. <i>Neuro-Oncology Advances</i> , 2019, 1, ii20-ii20.	0.7	0
129	ACT-14 A FIRST-IN-HUMAN STUDY OF MUTANT IDH1 INHIBITOR DS-1001B IN PATIENTS WITH RECURRENT GLIOMAS. <i>Neuro-Oncology Advances</i> , 2019, 1, ii14-ii14.	0.7	0
130	ACT-22 CLINICAL RESULT AND CONSIDERATION OF 70 CASES OF INSULAR GLIOMA. <i>Neuro-Oncology Advances</i> , 2019, 1, ii15-ii15.	0.7	0
131	NI-01 CONTRAST-ENHANCED MRI AND POSITRON EMISSION TOMOGRAPHY FOR DISTINGUISHING THE GRADE OF GLIOMA. <i>Neuro-Oncology Advances</i> , 2019, 1, ii25-ii25.	0.7	0
132	NQPC-15 COGNITIVE FUNCTION AND ACTIVITY OF DAILY LIFE AFTER TUMOR REMOVAL FOR PATIENTS WITH BIFRONTAL GLIOBLASTOMA. <i>Neuro-Oncology Advances</i> , 2019, 1, ii32-ii32.	0.7	0
133	NI-20 IS GLIOMATOSIS CEREBRI DIAGNOSED AS GRADEII IN NEUROIMAGING A POTENTIALLY GRADEII GLIOMA?. <i>Neuro-Oncology Advances</i> , 2019, 1, ii29-ii29.	0.7	0
134	ACT-05 PREDICTIVE FACTORS RELATING TO OUTCOME AFTER RESECTION OF LOW-GRADE GLIOMAS WITHOUT CHEMOTHERAPY OR RADIOTHERAPY. <i>Neuro-Oncology Advances</i> , 2019, 1, ii13-ii13.	0.7	0
135	NI-19 USEFULNESS OF AMIDE PROTON TRANSFER IMAGE IN IMAGING DIAGNOSIS OF GLIOMA. <i>Neuro-Oncology Advances</i> , 2019, 1, ii29-ii29.	0.7	0
136	ET-09 ACQUIRED MALIGNANT BEHAVIORS OF NPE6-PDT-SURVIVED GLIOBLASTOMA CELLS ARE SUPPRESSED BY USING MEK1/2 INHIBITOR TRAMETINIB. <i>Neuro-Oncology Advances</i> , 2019, 1, ii9-ii9.	0.7	0
137	IMT-05 PHASE III RANDOMIZED CLINICAL TRIAL OF AFTV FOR NEWLY DIAGNOSED GLIOBLASTOMA. <i>Neuro-Oncology Advances</i> , 2019, 1, ii17-ii18.	0.7	0
138	MPC-17 USEFULNESS OF INTRAOPERATIVE MOLECULAR DIAGNOSIS OF GLIOMA USING REAL-TIME PCR. <i>Neuro-Oncology Advances</i> , 2019, 1, ii25-ii25.	0.7	0
139	Experience with the Practical Application of the iArmS Surgical Support Robot and Smart Cyber Operating Theater. <i>Journal of the Robotics Society of Japan</i> , 2021, 39, 209-212.	0.1	0
140	Basic Study for Non-wearable Voice Transmission System to Target Person. <i>Journal of the Robotics Society of Japan</i> , 2021, 39, 363-366.	0.1	0
141	Development of support system for doctors and nurses in perioperative. <i>Journal of Japan Society of Computer Aided Surgery</i> , 2021, 23, 56-58.	0.0	0
142	Benefits and Problems of Photodynamic Diagnosis in Brain Tumor Treatment. <i>Nippon Laser Igakkaishi</i> , 2021, 41, 336-342.	0.0	0
143	Mucosal thickening of the maxillary sinus is frequently associated with diffuse glioma patients and correlates with poor survival prognosis of GBM patients: comparative analysis to meningioma patients. <i>Neurosurgical Review</i> , 2021, 44, 3249-3258.	2.4	0
144	IMMU-03. MULTICENTER RANDOMIZED PLACEBO CONTROLLED PHASE III TRIAL OF AN AUTOLOGOUS FORMALINFIXED TUMOR VACCINE (CELLM-001) FOR NEWLY DIAGNOSED GLIOBLASTOMAS. <i>Neuro-Oncology Advances</i> , 2021, 3, iv5-iv5.	0.7	0

#	ARTICLE	IF	CITATIONS
145	Post-marketing safety surveillance of tumor treating fields (TTFields) in patients with high-grade glioma in clinical practice.. Journal of Clinical Oncology, 2020, 38, 2542-2542.	1.6	0
146	Abstract LB-167: Post-marketing safety surveillance of Tumor Treating Fields (TTFields) in patients with high-grade glioma in clinical practice. , 2020, , .		0
147	Surgical Process Identification System in Awake Surgery for Glioma. Journal of Japan Society of Computer Aided Surgery, 2020, 22, 87-101.	0.0	0
148	Utilization of secondary use data generated by the treatment room. Journal of Japan Society of Computer Aided Surgery, 2020, 22, 167-169.	0.0	0
149	Expectation for Advances in Laser Medical Engineering from the Perspective of PDT International Standardization. Nippon Laser Igakkaishi, 2020, 41, 282-286.	0.0	0
150	PATH-19. TERT PROMOTER MUTATION, NOT H3K27M MUTATION IS A PROGNOSTIC FACTOR FOR ADULT THALAMIC GLIOMAS. Neuro-Oncology, 2021, 23, vi118-vi119.	1.2	0
151	SURG-11. TUMOR RECURRENCE PATTERNS AFTER SURGICAL RESECTION OF INTRACRANIAL LOW-GRADE GLIOMAS. Neuro-Oncology, 2021, 23, vi197-vi197.	1.2	0
152	IOTG-03. Rapid intraoperative flow cytometry of brain tumor useful for surgical decision-making. Neuro-Oncology, 2021, 23, vi227-vi227.	1.2	0
153	NI-09 Amide Proton Transfer (APT) image is useful for diagnostic imaging of glioma. Neuro-Oncology Advances, 2020, 2, ii13-ii13.	0.7	0
154	ACT-17 Protocol design of a matrix-type of novel clinical trial for lower-grade gliomas. Neuro-Oncology Advances, 2020, 2, ii8-ii9.	0.7	0
155	ES-1 Clinical results of tumor treating fields in patients with glioblastoma in Japan, compared with global surveillance. Neuro-Oncology Advances, 2020, 2, ii3-ii3.	0.7	0
156	GEN-14 Dual regulation of histone methylation by mTOR complexes drives the progression of EGFR-mutant glioblastoma. Neuro-Oncology Advances, 2020, 2, ii5-ii5.	0.7	0
157	NIMG-08. PREDICTION OF LOWER-GRADE GLIOMA MOLECULAR SUBTYPES USING DEEP LEARNING. Neuro-Oncology, 2020, 22, ii148-ii148.	1.2	0
158	NI-16 Verification of APT image and relationship with T2/FLAIR mismatch sign in WHO2016 brain tumor pathology classification. Neuro-Oncology Advances, 2021, 3, vi21-vi21.	0.7	0
159	STMO-14 Clinical experience of brain tumor surgery using middleware "OPeLiNK". Neuro-Oncology Advances, 2021, 3, vi13-vi13.	0.7	0
160	STMO-21 The Outcome of tumor resection followed by photodynamic therapy for recurrent glioblastoma. Neuro-Oncology Advances, 2021, 3, vi14-vi14.	0.7	0
161	COT-31 Risk Factors for the Development of Skin Rash with Levetiracetam and Lacosamide in Patients with Glioma. Neuro-Oncology Advances, 2021, 3, vi31-vi31.	0.7	0
162	NI-6 Preoperative differential diagnosis of grade II and grade III in cases with astrocytoma, IDH mutant. Neuro-Oncology Advances, 2021, 3, vi18-vi19.	0.7	0

#	ARTICLE	IF	CITATIONS
163	Safety and efficacy of TTFields for newly diagnosed GBM in Japanese patients using the Novo-TTF System: a prospective post-approval study. , 2022, , .		0
164	Validation of Amide Proton Transfer image (APT) in WHO2016 brain tumor pathology and genetic classification and its relationship with T2/FLAIR mismatch sign (T2/FLms). , 2022, , .		0
165	Verification of correlation between Amide Proton Transfer image (APT) and C-methionine positron emission tomography (MET-PET). , 2022, , .		0