

# 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	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
2	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
3	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. <i>Journal of Neurosurgery</i> , 2022, 136, 1052-1061.	1.6	5
4	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. <i>Acta Neurochirurgica</i> , 2022, 164, 395-404.	1.7	9
5	Smart Cyber Operating Theater (SCOT): Strategy for Future OR. , 2022, , 389-393.		1
6	Therapeutic Options for Recurrent Glioblastoma—Efficacy of Talaporfin Sodium Mediated Photodynamic Therapy. <i>Pharmaceutics</i> , 2022, 14, 353.	4.5	12
7	Safety and efficacy of TTFields for newly diagnosed GBM in Japanese patients using the Novo-TTF System: a prospective post-approval study. , 2022, , .		0
8	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
9	Verification of correlation between Amide Proton Transfer image (APT) and C-methionine positron emission tomography (MET-PET). , 2022, , .		0
10	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
11	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
12	Video-based neonatal state assessment method for timing of procedures. <i>Pediatrics International</i> , 2021, 63, 685-692.	0.5	3
13	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
14	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
15	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
16	Rapid Flow Cytometry of Gastrointestinal Stromal Tumours Closely Matches the Modified Fletcher Classification. <i>Anticancer Research</i> , 2021, 41, 131-136.	1.1	2
17	Benefits and Problems of Photodynamic Diagnosis in Brain Tumor Treatment. <i>Nippon Laser Igakkaishi</i> , 2021, 41, 336-342.	0.0	0
18	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

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19	Diagnosing Atrial Septal Defect from Electrocardiogram with Deep Learning. <i>Pediatric Cardiology</i> , 2021, 42, 1379-1387.	1.3	20
20	Robotic Technology in Operating Rooms: a Review. <i>Current Robotics Reports</i> , 2021, 2, 333-341.	7.9	5
21	Correlation between localization of supratentorial glioma to the precentral gyrus and difficulty in identification of the motor area during awake craniotomy. <i>Journal of Neurosurgery</i> , 2021, 134, 1490-1499.	1.6	6
22	Mathematical Modeling and Mutational Analysis Reveal Optimal Therapy to Prevent Malignant Transformation in Grade II IDH-Mutant Gliomas. <i>Cancer Research</i> , 2021, 81, 4861-4873.	0.9	7
23	Efficacy and safety of nivolumab in Japanese patients with first recurrence of glioblastoma: an open-label, non-comparative study. <i>International Journal of Clinical Oncology</i> , 2021, 26, 2205-2215.	2.2	6
24	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
25	Safety and efficacy of depatuxizumab mafodotin in Japanese patients with malignant glioma: A nonrandomized, phase 1/2 trial. <i>Cancer Science</i> , 2021, 112, 5020-5033.	3.9	19
26	PATH-19. TERT PROMOTER MUTATION, NOT H3K27M MUTATION IS A PROGNOSTIC FACTOR FOR ADULT THALAMIC GLIOMAS. <i>Neuro-Oncology</i> , 2021, 23, vi118-vi119.	1.2	0
27	SURG-11. TUMOR RECURRENCE PATTERNS AFTER SURGICAL RESECTION OF INTRACRANIAL LOW-GRADE GLIOMAS. <i>Neuro-Oncology</i> , 2021, 23, vi197-vi197.	1.2	0
28	IOTG-03. Rapid intraoperative flow cytometry of brain tumor useful for surgical decision-making. <i>Neuro-Oncology</i> , 2021, 23, vi227-vi227.	1.2	0
29	NI-16 Verification of APT image and relationship with T2/FLAIR mismatch sign in WHO2016 brain tumor pathology classification. <i>Neuro-Oncology Advances</i> , 2021, 3, vi21-vi21.	0.7	0
30	Current Landscape of Sonodynamic Therapy for Treating Cancer. <i>Cancers</i> , 2021, 13, 6184.	3.7	16
31	Combining Pre-operative Diffusion Tensor Images and Intraoperative Magnetic Resonance Images in the Navigation Is Useful for Detecting White Matter Tracts During Glioma Surgery. <i>Frontiers in Neurology</i> , 2021, 12, 805952.	2.4	6
32	STMO-14 Clinical experience of brain tumor surgery using middleware. <i>Neuro-Oncology Advances</i> , 2021, 3, vi13-vi13.	0.7	0
33	STMO-21 The Outcome of tumor resection followed by photodynamic therapy for recurrent glioblastoma. <i>Neuro-Oncology Advances</i> , 2021, 3, vi14-vi14.	0.7	0
34	COT-31 Risk Factors for the Development of Skin Rash with Levetiracetam and Lacosamide in Patients with Glioma. <i>Neuro-Oncology Advances</i> , 2021, 3, vi31-vi31.	0.7	0
35	NI-6 Preoperative differential diagnosis of grade II and grade III in cases with astrocytoma, IDH mutant. <i>Neuro-Oncology Advances</i> , 2021, 3, vi18-vi19.	0.7	0
36	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

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37	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
38	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
39	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
40	Prediction of lower-grade glioma molecular subtypes using deep learning. <i>Journal of Neuro-Oncology</i> , 2020, 146, 321-327.	2.9	62
41	Task-Induced Functional Connectivity of the Syntax-Related Networks for Patients with a Cortical Glioma. <i>Cerebral Cortex Communications</i> , 2020, 1, tgaa061.	1.6	4
42	Differential Effects of a Left Frontal Glioma on the Cortical Thickness and Complexity of Both Hemispheres. <i>Cerebral Cortex Communications</i> , 2020, 1, tgaa027.	1.6	5
43	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
44	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
45	Genetic analysis in patients with newly diagnosed glioblastomas treated with interferon-beta plus temozolomide in comparison with temozolomide alone. <i>Journal of Neuro-Oncology</i> , 2020, 148, 17-27.	2.9	5
46	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
47	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
48	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
49	The iArmS Robotic Armrest Prolongs Endoscope Lens Wiping Intervals in Endoscopic Sinus Surgery. <i>Surgical Innovation</i> , 2020, 27, 515-522.	0.9	11
50	Layer-specific sensory processing impairment in the primary somatosensory cortex after motor cortex infarction. <i>Scientific Reports</i> , 2020, 10, 3771.	3.3	12
51	Primary Cognitive Factors Impaired after Glioma Surgery and Associated Brain Regions. <i>Behavioural Neurology</i> , 2020, 2020, 1-9.	2.1	15
52	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
53	Post-marketing safety surveillance of tumor treating fields (TTFields) in patients with high-grade glioma in clinical practice.. <i>Journal of Clinical Oncology</i> , 2020, 38, 2542-2542.	1.6	0
54	Abstract LB-167: Post-marketing safety surveillance of Tumor Treating Fields (TTFields) in patients with high-grade glioma in clinical practice. , 2020, , .		0

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55	What's "Non-Common Sense" for Pediatric Brain Tumor?. Japanese Journal of Neurosurgery, 2020, 29, 25-34.	0.0	1
56	Surgical Process Identification System in Awake Surgery for Glioma. Journal of Japan Society of Computer Aided Surgery, 2020, 22, 87-101.	0.0	0
57	Reliability of Residual Tumor Estimation Based on Navigation Log. Neurologia Medico-Chirurgica, 2020, 60, 458-467.	2.2	3
58	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
59	Expectation for Advances in Laser Medical Engineering from the Perspective of PDT International Standardization. Nippon Laser Igakkaishi, 2020, 41, 282-286.	0.0	0
60	NI-09 Amide Proton Transfer (APT) image is useful for diagnostic imaging of glioma. Neuro-Oncology Advances, 2020, 2, ii13-ii13.	0.7	0
61	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
62	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
63	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
64	NIMG-08. PREDICTION OF LOWER-GRADE GLIOMA MOLECULAR SUBTYPES USING DEEP LEARNING. Neuro-Oncology, 2020, 22, ii148-ii148.	1.2	0
65	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
66	Tumor recurrence patterns after surgical resection of intracranial low-grade gliomas. Journal of Neuro-Oncology, 2019, 144, 519-528.	2.9	30
67	Epidermal growth factor receptor (EGFR) amplification rates observed in screening patients for randomized trials in glioblastoma. Journal of Neuro-Oncology, 2019, 144, 205-210.	2.9	24
68	mTORC2 links growth factor signaling with epigenetic regulation of iron metabolism in glioblastoma. Journal of Biological Chemistry, 2019, 294, 19740-19751.	3.4	23
69	Function of Epirubicin-Conjugated Polymeric Micelles in Sonodynamic Therapy. Frontiers in Pharmacology, 2019, 10, 546.	3.5	19
70	Sonodynamic Therapy With Anticancer Micelles and High-Intensity Focused Ultrasound in Treatment of Canine Cancer. Frontiers in Pharmacology, 2019, 10, 545.	3.5	38
71	Quantitative Evaluation of Efficacy of Intraoperative Examination Monitor for Awake Surgery. World Neurosurgery, 2019, 126, e432-e438.	1.3	4
72	TMOD-33. AN INTEGRATED APPROACH COMBINING MATHEMATICAL AND GENOMIC METHODS TO REVEAL THE OPTIMAL TIMING OF THERAPEUTIC INTERVENTION IN WHO GRADE II DIFFUSE GLIOMA. Neuro-Oncology, 2019, 21, vi270-vi270.	1.2	0

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73	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
74	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
75	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
76	ACT-22 CLINICAL RESULT AND CONSIDERATION OF 70 CASES OF INSULAR GLIOMA. <i>Neuro-Oncology Advances</i> , 2019, 1, ii15-ii15.	0.7	0
77	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
78	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
79	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
80	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
81	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
82	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
83	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
84	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
85	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
86	Role of a Promoter Mutation in TERT in Malignant Transformation of Pleomorphic Xanthoastrocytoma. <i>World Neurosurgery</i> , 2019, 126, 624-630.	1.3	10
87	The Impact of Intraoperative Magnetic Resonance Imaging on Patient Safety Management During Awake Craniotomy. <i>Journal of Neurosurgical Anesthesiology</i> , 2019, 31, 62-69.	1.2	7
88	Phase I/II study of depatuxizumab mafodotin (ABT-414) monotherapy or combination with temozolomide in Japanese patients with/without <i>EGFR</i> -amplified recurrent glioblastoma.. <i>Journal of Clinical Oncology</i> , 2019, 37, 2065-2065.	1.6	5
89	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
90	Intraoperative Monitoring for Glioma Surgery. <i>Japanese Journal of Neurosurgery</i> , 2019, 28, 705-714.	0.0	1

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91	Letter to the Editor. Evaluation of novel neurosurgical devices during clinical testing. <i>Journal of Neurosurgery</i> , 2019, 131, 1342-1344.	1.6	14
92	Evaluation of DNA ploidy with intraoperative flow cytometry may predict long-term survival of patients with supratentorial low-grade gliomas: Analysis of 102 cases. <i>Clinical Neurology and Neurosurgery</i> , 2018, 168, 46-53.	1.4	6
93	Effectiveness of Stereotactic Radiotherapy and Bevacizumab for Recurrent High-Grade Gliomas: A Potential Therapy for Isocitrate Dehydrogenase Wild-Type Recurrent High-Grade Gliomas. <i>World Neurosurgery</i> , 2018, 114, e1138-e1146.	1.3	5
94	A high-resolution computational localization method for transcranial magnetic stimulation mapping. <i>NeuroImage</i> , 2018, 172, 85-93.	4.2	42
95	Pathology and Genetics of Gliomas. <i>Progress in Neurological Surgery</i> , 2018, 31, 1-37.	1.3	19
96	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
97	JCOG0911 INTEGRA study: a randomized screening phase II trial of interferon $\beta$ plus temozolomide in comparison with temozolomide alone for newly diagnosed glioblastoma. <i>Journal of Neuro-Oncology</i> , 2018, 138, 627-636.	2.9	49
98	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
99	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
100	Prognostic relevance of genetic alterations in diffuse lower-grade gliomas. <i>Neuro-Oncology</i> , 2018, 20, 66-77.	1.2	225
101	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
102	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
103	Intelligent Surgeon's Arm Supporting System iArmS in Microscopic Neurosurgery Utilizing Robotic Technology. <i>World Neurosurgery</i> , 2018, 119, e661-e665.	1.3	8
104	Development concepts of a Smart Cyber Operating Theater (SCOT) using ORiN technology. <i>Biomedizinische Technik</i> , 2018, 63, 31-37.	0.8	45
105	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
106	A surgical strategy for lower grade gliomas using intraoperative molecular diagnosis. <i>Brain Tumor Pathology</i> , 2018, 35, 159-167.	1.7	18
107	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
108	Modified rapid immunohistochemical staining for intraoperative diagnosis of malignant brain tumors. <i>Brain Tumor Pathology</i> , 2017, 34, 141-148.	1.7	2

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109	Distinct molecular profile of diffuse cerebellar gliomas. <i>Acta Neuropathologica</i> , 2017, 134, 941-956.	7.7	40
110	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
111	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
112	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
113	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
114	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
115	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
116	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
117	Intraoperative Functional Mapping and Monitoring during Glioma Surgery. <i>Neurologia Medico-Chirurgica</i> , 2015, 55, 1-13.	2.2	55
118	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
119	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
120	Proposed therapeutic strategy for adult low-grade glioma based on aggressive tumor resection. <i>Neurosurgical Focus</i> , 2015, 38, E7.	2.3	73
121	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
122	Mutational landscape and clonal architecture in grade II and III gliomas. <i>Nature Genetics</i> , 2015, 47, 458-468.	21.4	729
123	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
124	Differential reorganization of three syntax-related networks induced by a left frontal glioma. <i>Brain</i> , 2014, 137, 1193-1212.	7.6	61
125	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
126	Development and Initial Clinical Testing of "OPECT" Operative Neurosurgery, 2014, 10, 46-50.	0.8	13



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127	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
128	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
129	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
130	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
131	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
132	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
133	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
134	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
135	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
136	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
137	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
138	Information-Guided Surgery of Intracranial Gliomas: Overview of an Advanced Intraoperative Technology. <i>Journal of Healthcare Engineering</i> , 2012, 3, 551-570.	1.9	6
139	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
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