

# Ryuta Saito

## List of Publications by Year in descending order

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137  
papers

3,735  
citations

159585

30  
h-index

155660

55  
g-index

148  
all docs

148  
docs citations

148  
times ranked

4471  
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of the parietooccipital fissure and its implications in the pathophysiology of posterior medial temporal gliomas. <i>Journal of Neurosurgery</i> , 2022, 137, 505-514.	1.6	5
2	Radiological Analysis of Minimally Invasive Microscopic Laminectomy for Lumbar Canal Stenosis with a Focus on Multilevel Stenosis and Spondylolisthesis. <i>World Neurosurgery</i> , 2022, 164, e224-e234.	1.3	3
3	Supratotal Resection of Gliomas With Awake Brain Mapping: Maximal Tumor Resection Preserving Motor, Language, and Neurocognitive Functions. <i>Frontiers in Neurology</i> , 2022, 13, .	2.4	7
4	Recent Molecular and Genetic Findings in Intramedullary Spinal Cord Tumors. <i>Neurospine</i> , 2022, 19, 262-271.	2.9	6
5	Hepatitis B virus reactivation during temozolomide administration for malignant glioma. <i>International Journal of Clinical Oncology</i> , 2021, 26, 305-315.	2.2	2
6	Orengedokuto and shosaikoto for intractable intracranial carmustine implant-induced fever in a patient with brain tumor: A case report. <i>Explore: the Journal of Science and Healing</i> , 2021, 17, 236-238.	1.0	6
7	H3K27M and <i>TERT</i> promoter mutations are poor prognostic factors in surgical cases of adult thalamic high-grade glioma. <i>Neuro-Oncology Advances</i> , 2021, 3, vdab038.	0.7	3
8	Postcentral gyrus resection of opercular gliomas is a risk factor for motor deficits caused by damaging the radiologically invisible arteries supplying the descending motor pathway. <i>Acta Neurochirurgica</i> , 2021, 163, 1269-1278.	1.7	5
9	Impact of the extent of resection on the survival of patients with grade II and III gliomas using awake brain mapping. <i>Journal of Neuro-Oncology</i> , 2021, 153, 361-372.	2.9	16
10	Association between IDH mutational status and tumor-associated epilepsy or venous thromboembolism in patients with grade II and III astrocytoma. <i>Brain Tumor Pathology</i> , 2021, 38, 218-227.	1.7	3
11	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
12	Effects of oxytocin on responses to nociceptive and non-nociceptive stimulation in the upper central nervous system. <i>Biochemical and Biophysical Research Communications</i> , 2021, 574, 8-13.	2.1	4
13	A Super-selective Wada Test Successfully Detected an Artery That Supplied Broca's Area in a Case of Left Frontal Lobe Glioblastoma: Technical Case Report. <i>Neurologia Medico-Chirurgica</i> , 2021, 61, 661-666.	2.2	3
14	Clinical and Radiological Clues of Traumatic Craniocervical Junction Injuries Requiring Occipitocervical Fusion to Early Diagnosis. <i>Neurospine</i> , 2021, 18, 741-748.	2.9	1
15	Regression of Recurrent Spinal Cord High-Grade Glioma After Convection-Enhanced Delivery of Nimustine Hydrochloride: Case Reports and Literature Review. <i>Operative Neurosurgery</i> , 2020, 18, 451-459.	0.8	2
16	Unilateral chronic subdural hematoma due to spontaneous intracranial hypotension: a report of four cases. <i>British Journal of Neurosurgery</i> , 2020, 34, 632-637.	0.8	10
17	Experience of Low Dose Perampanel to Add-on in Glioma Patients with Levetiracetam-uncontrollable Epilepsy. <i>Neurologia Medico-Chirurgica</i> , 2020, 60, 37-44.	2.2	19
18	<i>TERT</i> promoter mutation associated with multifocal phenotype and poor prognosis in patients with <i>IDH</i> wild-type glioblastoma. <i>Neuro-Oncology Advances</i> , 2020, 2, vdaa114.	0.7	15

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19	A multinodular and vacuolating neuronal tumor in the right temporal lobe with positive methionine uptake: A case report. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2020, 22, 100861.	0.3	0
20	TERT promoter mutation confers favorable prognosis regardless of 1p/19q status in adult diffuse gliomas with IDH1/2 mutations. <i>Acta Neuropathologica Communications</i> , 2020, 8, 201.	5.2	27
21	Phase I trial of convection-enhanced delivery of nimustine hydrochloride (ACNU) for brainstem recurrent glioma. <i>Neuro-Oncology Advances</i> , 2020, 2, vdaa033.	0.7	11
22	Frequent Clinical and Radiological Progression of Optic Pathway/Hypothalamic Pilocytic Astrocytoma in Adolescents and Young Adults. <i>Neurologia Medico-Chirurgica</i> , 2020, 60, 277-285.	2.2	4
23	Cystic Glioblastoma Rupturing into the Ventricle. <i>NMC Case Report Journal</i> , 2020, 7, 39-41.	0.5	3
24	Functional Outcomes of Germ Cell Tumors. <i>Japanese Journal of Neurosurgery</i> , 2020, 29, 270-278.	0.0	0
25	HGG-27. CLINICAL ANALYSIS OF CHOROID PLEXUS TUMORS. <i>Neuro-Oncology</i> , 2019, 21, ii92-ii92.	1.2	0
26	Coexistence of Intracranial Germ Cell Tumor with Growing Arteriovenous Fistula. <i>World Neurosurgery</i> , 2019, 127, 126-130.	1.3	1
27	A multicenter randomized phase III study for newly diagnosed maximally resected glioblastoma comparing carmustine wafer implantation followed by chemoradiotherapy with temozolomide with chemoradiotherapy alone; Japan Clinical Oncology Group Study JCOG1703 (MACS study). <i>Japanese Journal of Clinical Oncology</i> , 2019, 49, 1172-1175.	1.3	9
28	Incidence of initial spinal metastasis in glioblastoma patients and the importance of spinal screening using MRI. <i>Journal of Neuro-Oncology</i> , 2019, 141, 337-345.	2.9	16
29	Phase I study of a brain penetrant mutant IDH1 inhibitor DS-1001b in patients with recurrent or progressive IDH1 mutant gliomas. <i>Journal of Clinical Oncology</i> , 2019, 37, 2004-2004.	1.6	23
30	Fingolimod-associated PML with mild IRIS in MS. <i>Neurology: Neuroimmunology and Neuroinflammation</i> , 2018, 5, e415.	6.0	21
31	Rapid detection of mutation in isocitrate dehydrogenase 1 and 2 genes using mass spectrometry. <i>Brain Tumor Pathology</i> , 2018, 35, 90-96.	1.7	15
32	Three case reports of radiation-induced glioblastoma after complete remission of acute lymphoblastic leukemia. <i>Brain Tumor Pathology</i> , 2018, 35, 114-122.	1.7	6
33	Indications for salvage surgery during treatment for intracranial germ cell tumors. <i>Journal of Neuro-Oncology</i> , 2018, 138, 601-607.	2.9	14
34	Convection-enhanced delivery of sulfasalazine prolongs survival in a glioma stem cell brain tumor model. <i>Journal of Neuro-Oncology</i> , 2018, 136, 23-31.	2.9	10
35	Glioblastoma in neurofibromatosis 1 patients without IDH1, BRAF V600E, and TERT promoter mutations. <i>Brain Tumor Pathology</i> , 2018, 35, 10-18.	1.7	26
36	Development and evaluation of ultrasound-facilitated drug delivery device. <i>Japanese Journal of Applied Physics</i> , 2018, 57, 11UD07.	1.5	1

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37	Significance of molecular classification of ependymomas: C11orf95-RELA fusion-negative supratentorial ependymomas are a heterogeneous group of tumors. <i>Acta Neuropathologica Communications</i> , 2018, 6, 134.	5.2	74
38	SMART (stroke-like migraine attacks after radiation therapy) syndrome responded to steroid pulse therapy: Report of a case and review of the literature. <i>ENeurologicalSci</i> , 2018, 12, 1-4.	1.3	21
39	Clinical Features of Precocious, Synchronous, and Metachronous Brain Metastases and the Role of Tumor Resection. <i>World Neurosurgery</i> , 2018, 113, e1-e9.	1.3	19
40	Intraoperative Visualization of Subependymal Arteries at the Atrium Supplying the Descending Motor Pathway. <i>World Neurosurgery</i> , 2017, 101, 296-303.	1.3	2
41	Convection-enhanced delivery of a hydrophilic nitrosourea ameliorates deficits and suppresses tumor growth in experimental spinal cord glioma models. <i>Acta Neurochirurgica</i> , 2017, 159, 939-946.	1.7	5
42	Opening the ventricle during surgery diminishes survival among patients with newly diagnosed glioblastoma treated with carmustine wafers: a multi-center retrospective study. <i>Journal of Neuro-Oncology</i> , 2017, 134, 83-88.	2.9	13
43	Distant recurrences limit the survival of patients with thalamic high-grade gliomas after successful resection. <i>Neurosurgical Review</i> , 2017, 40, 469-477.	2.4	12
44	Convection-enhanced Delivery of Therapeutics for Malignant Gliomas. <i>Neurologia Medico-Chirurgica</i> , 2017, 57, 8-16.	2.2	17
45	Extremely Late Recurrence 21 Years after Total Removal of Immature Teratoma: A Case Report and Literature Review. <i>Neurologia Medico-Chirurgica</i> , 2017, 57, 51-56.	2.2	5
46	Impact of gross total resection in patients with WHO grade III glioma harboring the IDH 1/2 mutation without the 1p/19q co-deletion. <i>Journal of Neuro-Oncology</i> , 2016, 129, 505-514.	2.9	116
47	Somatic BRAF c.1799T>A p.V600E Mosaicism syndrome characterized by a linear syringocystadenoma papilliferum, anaplastic astrocytoma, and ocular abnormalities. <i>American Journal of Medical Genetics, Part A</i> , 2016, 170, 189-194.	1.2	22
48	Hypoxia-like tissue injury and glial response contribute to Balo concentric lesion development. <i>Neurology</i> , 2016, 87, 2000-2005.	1.1	20
49	Sarcoma-like tumor originating from oligodendroglioma. <i>Brain Tumor Pathology</i> , 2016, 33, 255-260.	1.7	9
50	Properties of convective delivery in spinal cord gray matter: laboratory investigation and computational simulations. <i>Journal of Neurosurgery: Spine</i> , 2016, 24, 359-366.	1.7	3
51	Local convection-enhanced delivery of an anti-CD40 agonistic monoclonal antibody induces antitumor effects in mouse glioma models. <i>Neuro-Oncology</i> , 2016, 18, 1120-1128.	1.2	36
52	Temozolomide reverses doxorubicin resistance by inhibiting P-glycoprotein in malignant glioma cells. <i>Journal of Neuro-Oncology</i> , 2016, 126, 235-242.	2.9	24
53	Intraparenchymal ultrasound application and improved distribution of infusate with convection-enhanced delivery in rodent and nonhuman primate brain. <i>Journal of Neurosurgery</i> , 2016, 124, 1490-1500.	1.6	20
54	Peri-tumoral leakage during intra-tumoral convection-enhanced delivery has implications for efficacy of peri-tumoral infusion before removal of tumor. <i>Drug Delivery</i> , 2016, 23, 771-776.	5.7	14

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55	Convection-enhanced delivery of SN-38-loaded polymeric micelles (NK012) enables consistent distribution of SN-38 and is effective against rodent intracranial brain tumor models. <i>Drug Delivery</i> , 2016, 23, 2780-2786.	5.7	22
56	Activation of the NRF2 pathway and its impact on the prognosis of anaplastic glioma patients. <i>Neuro-Oncology</i> , 2015, 17, 555-565.	1.2	48
57	Association between molecular alterations and tumor location and MRI characteristics in anaplastic gliomas. <i>Brain Tumor Pathology</i> , 2015, 32, 99-104.	1.7	65
58	CD40/CD40L expression correlates with the survival of patients with glioblastomas and an augmentation in CD40 signaling enhances the efficacy of vaccinations against glioma models. <i>Neuro-Oncology</i> , 2015, 17, 1453-1462.	1.2	52
59	OX40 ligand expressed in glioblastoma modulates adaptive immunity depending on the microenvironment: a clue for successful immunotherapy. <i>Molecular Cancer</i> , 2015, 14, 41.	19.2	35
60	Malignant clinical features of anaplastic gliomas without IDH mutation. <i>Neuro-Oncology</i> , 2015, 17, 136-144.	1.2	16
61	Rapid and sensitive intraoperative detection of mutations in the isocitrate dehydrogenase 1 and 2 genes during surgery for glioma. <i>Journal of Neurosurgery</i> , 2014, 120, 1288-1297.	1.6	32
62	Practical surgical indicators to identify candidates for radical resection of insulo-opercular gliomas. <i>Journal of Neurosurgery</i> , 2014, 121, 1124-1132.	1.6	23
63	CONVECTION-ENHANCED DELIVERY OF NIMUSTINE HYDROCHLORIDE FOR BRAINSTEM MALIGNANT GLIOMA: CURRENT STUDY AND DEVELOPMENT OF NEW DEVICE. <i>Neuro-Oncology</i> , 2014, 16, iii30-iii30.	1.2	0
64	Cavernous malformation of the optic pathway mimicking optic glioma: a case report. <i>Child's Nervous System</i> , 2014, 30, 1753-1758.	1.1	11
65	Transformation of adult cerebellar pilocytic astrocytoma to glioblastoma. <i>Brain Tumor Pathology</i> , 2014, 31, 108-112.	1.7	14
66	Early response to chemotherapy as an indicator for the management of germinoma-like tumors of the pineal and/or suprasellar regions. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 124-130.	1.5	11
67	Intracerebral cystic rhabdoid papillary meningioma in an 11-year-old patient. <i>Child's Nervous System</i> , 2014, 30, 2151-2155.	1.1	10
68	Concentration rather than dose defines the local brain toxicity of agents that are effectively distributed by convection-enhanced delivery. <i>Journal of Neuroscience Methods</i> , 2014, 222, 131-137.	2.5	12
69	Preservation of the Long Insular Artery to Prevent Postoperative Motor Deficits After Resection of Insulo-opercular Glioma: Technical Case Reports. <i>Neurologia Medico-Chirurgica</i> , 2014, 54, 321-326.	2.2	16
70	The Association of Subventricular Zone Involvement at Recurrence with Survival after Repeat Surgery in Patients with Recurrent Glioblastoma. <i>Neurologia Medico-Chirurgica</i> , 2014, 54, 302-309.	2.2	27
71	Clinical and histological characteristics of recurrent oligodendroglial tumors: comparison between primary and recurrent tumors in 18 cases. <i>Brain Tumor Pathology</i> , 2013, 30, 151-159.	1.7	21
72	Pilomyxoid astrocytoma of the cerebellum with Williams syndrome: a case report. <i>Child's Nervous System</i> , 2013, 29, 1211-1214.	1.1	9

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73	The expression status of CD133 is associated with the pattern and timing of primary glioblastoma recurrence. <i>Neuro-Oncology</i> , 2013, 15, 1151-1159.	1.2	46
74	Clinicopathological analysis of nine consecutive central nervous system primitive neuroectodermal tumors in a single institute. <i>Brain Tumor Pathology</i> , 2013, 30, 15-27.	1.7	4
75	Medial posterior choroidal artery territory infarction associated with tumor removal in the pineal/tectum/thalamus region through the occipital transtentorial approach. <i>Clinical Neurology and Neurosurgery</i> , 2013, 115, 1257-1263.	1.4	8
76	Computational simulation of convection-enhanced drug delivery in the non-human primate brainstem: a simple model predicting the drug distribution. <i>Neurological Research</i> , 2013, 35, 773-781.	1.3	6
77	Malignant pediatric brain tumor of primitive small round cell proliferation with bland-looking mesenchymal spindle cell elements. <i>Brain Tumor Pathology</i> , 2013, 30, 109-116.	1.7	5
78	Metachronous, multicentric glioma of pilocytic astrocytoma with oligodendroglioma-like component and oligodendroglioma through distinct genetic aberrations. <i>Journal of Neurosurgery</i> , 2013, 118, 854-858.	1.6	7
79	Infarction of the lateral posterior choroidal artery territory after manipulation of the choroid plexus at the atrium: causal association with subependymal artery injury. <i>Journal of Neurosurgery</i> , 2013, 119, 158-163.	1.6	13
80	Clinical significance and limitations of repeat resection for pediatric malignant neuroepithelial tumors. <i>Journal of Neurosurgery: Pediatrics</i> , 2013, 12, 309-316.	1.3	2
81	Dynamic changes in magnetic resonance imaging appearance of dysembryoplastic neuroepithelial tumor with or without malignant transformation. <i>Journal of Neurosurgery: Pediatrics</i> , 2013, 11, 518-525.	1.3	22
82	Summary of 15 Years Experience of Awake Surgeries for Neuroepithelial Tumors in Tohoku University. <i>Neurologia Medico-Chirurgica</i> , 2013, 53, 455-466.	2.2	5
83	Risk Assessment for Venous Thromboembolism in Patients With Neuroepithelial Tumors: Pretreatment Score to Identify High Risk Patients. <i>Neurologia Medico-Chirurgica</i> , 2013, 53, 467-473.	2.2	5
84	Treatment Results of Glioblastoma During the Last 30 Years in a Single Institute. <i>Neurologia Medico-Chirurgica</i> , 2013, 53, 786-796.	2.2	7
85	Convection-Enhanced Delivery: From Mechanisms to Clinical Drug Delivery for Diseases of the Central Nervous System. <i>Neurologia Medico-Chirurgica</i> , 2012, 52, 531-538.	2.2	14
86	Safety and feasibility of convection-enhanced delivery of nimustine hydrochloride co-infused with free gadolinium for real-time monitoring in the primate brain. <i>Neurological Research</i> , 2012, 34, 581-587.	1.3	15
87	IDH1/2 gene status defines the prognosis and molecular profiles in patients with grade III gliomas. <i>International Journal of Clinical Oncology</i> , 2012, 17, 551-561.	2.2	43
88	Current Standard Treatment for Pediatric Glioma Patients(Special Issue)Current Status and Tj ETQq0 0 0 rgBTj/Overlock 10 Tf 50		
89	Local convection-enhanced delivery of chemotherapeutic agent transiently opens blood-brain barrier and improves efficacy of systemic chemotherapy in intracranial xenograft tumor model. <i>Cancer Letters</i> , 2011, 310, 77-83.	7.2	17
90	The Role of IDH1 and IDH2 Mutations in Malignant Gliomas. , 2011, , 47-52.		0

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91	Regression of recurrent glioblastoma infiltrating the brainstem after convection-enhanced delivery of nimustine hydrochloride. <i>Journal of Neurosurgery: Pediatrics</i> , 2011, 7, 522-526.	1.3	46
92	Early detection of venous thromboembolism in patients with neuroepithelial tumor: efficacy of screening with serum d-dimer measurements and Doppler ultrasonography. <i>Journal of Neuro-Oncology</i> , 2011, 101, 495-504.	2.9	14
93	Logarithmic decrease of serum alpha-fetoprotein or human chorionic gonadotropin in response to chemotherapy can distinguish a subgroup with better prognosis among highly malignant intracranial non-germinomatous germ cell tumors. <i>Journal of Neuro-Oncology</i> , 2011, 104, 779-787.	2.9	12
94	Combination chemotherapy with ifosfamide, cisplatin, and etoposide for medulloblastoma: single-institute experience and differences in efficacy for subgroups of medulloblastoma. <i>Child's Nervous System</i> , 2011, 27, 1399-1406.	1.1	13
95	Infratentorial brain metastases of pediatric non-epithelial malignant tumors: three case reports. <i>Brain Tumor Pathology</i> , 2011, 28, 167-174.	1.7	6
96	New insights into glioma classification based on isocitrate dehydrogenase 1 and 2 gene status. <i>Brain Tumor Pathology</i> , 2011, 28, 203-208.	1.7	7
97	Preoperative Evaluation of the Deep Cerebral Veins using 3-Tesla Magnetic Resonance Imaging. <i>Minimally Invasive Neurosurgery</i> , 2011, 54, 105-109.	0.9	4
98	Preoperative Visualization of the Lenticulostriate Arteries Associated with Insulo-Opercular Gliomas Using 3-T Magnetic Resonance Imaging. , 2011, , 295-303.		1
99	Ischemic Complications Associated with Resection of Opercular Gliomas. , 2011, , 305-318.		1
100	Insulo-opercular Gliomas: Four Different Natural Progression Patterns and Implications for Surgical Indications. <i>Neurologia Medico-Chirurgica</i> , 2010, 50, 286-290.	2.2	13
101	Takotsubo Cardiomyopathy Induced by Dobutamine Infusion During Hypertensive Therapy for Symptomatic Vasospasm After Subarachnoid Hemorrhage -Case Report-. <i>Neurologia Medico-Chirurgica</i> , 2010, 50, 393-395.	2.2	30
102	Convection-Enhanced Delivery of a Synthetic Retinoid Am80, Loaded into Polymeric Micelles, Prolongs the Survival of Rats Bearing Intracranial Glioblastoma Xenografts. <i>Tohoku Journal of Experimental Medicine</i> , 2010, 221, 257-264.	1.2	22
103	Melanotic neuroectodermal tumor of the brain recurring 12 years after complete remission: case report. <i>Brain Tumor Pathology</i> , 2010, 27, 51-57.	1.7	14
104	Dissemination limits the survival of patients with anaplastic ependymoma after extensive surgical resection, meticulous follow up, and intensive treatment for recurrence. <i>Neurosurgical Review</i> , 2010, 33, 185-192.	2.4	16
105	O 6-Methylguanine DNA methyltransferase determined by promoter hypermethylation and immunohistochemical expression is correlated with progression-free survival in patients with glioblastoma. <i>International Journal of Clinical Oncology</i> , 2010, 15, 352-358.	2.2	60
106	Imaging of hypoxic lesions in patients with gliomas by using positron emission tomography with 1-(2-[18F] fluoro-1-[hydroxymethyl]ethoxy)methyl-2-nitroimidazole, a new 18F-labeled 2-nitroimidazole analog. <i>Journal of Neurosurgery</i> , 2010, 113, 358-368.	1.6	26
107	Magnetic resonance imaging for preoperative identification of the lenticulostriate arteries in insular glioma surgery. <i>Journal of Neurosurgery</i> , 2009, 111, 278-281.	1.6	42
108	Optimal treatment strategy for intracranial germ cell tumors: a single institution analysis. <i>Journal of Neurosurgery: Pediatrics</i> , 2009, 4, 506-514.	1.3	61

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109	Collision tumor of anaplastic oligodendroglioma and gangliocytoma: a case report. <i>Brain Tumor Pathology</i> , 2009, 26, 89-93.	1.7	5
110	Analysis of <i>IDH1</i> and <i>IDH2</i> mutations in Japanese glioma patients. <i>Cancer Science</i> , 2009, 100, 1996-1998.	3.9	134
111	Differential Diagnosis Between Radiation Necrosis and Glioma Progression Using Sequential Proton Magnetic Resonance Spectroscopy and Methionine Positron Emission Tomography. <i>Neurologia Medico-Chirurgica</i> , 2009, 49, 394-401.	2.2	58
112	Safety of real-time convection-enhanced delivery of liposomes to primate brain: A long-term retrospective. <i>Experimental Neurology</i> , 2008, 210, 638-644.	4.1	45
113	Convection-enhanced delivery of polyethylene glycol-coated liposomal doxorubicin: characterization and efficacy in rat intracranial glioma models. <i>Journal of Neurosurgery</i> , 2008, 109, 867-873.	1.6	33
114	Low-grade fibromyxoid sarcoma of intracranial origin. <i>Journal of Neurosurgery</i> , 2008, 108, 798-802.	1.6	26
115	Pupil-Sparing Oculomotor Nerve Paresis as an Early Symptom of Unruptured Internal Carotid-Posterior Communicating Artery Aneurysms -Three Case Reports-. <i>Neurologia Medico-Chirurgica</i> , 2008, 48, 304-306.	2.2	17
116	Germ cell tumors in the basal ganglia: problems of early diagnosis and treatment. <i>Journal of Neurosurgery: Pediatrics</i> , 2008, 2, 118-124.	1.3	50
117	Safety and efficacy of convection-enhanced delivery of ACNU, a hydrophilic nitrosourea, in intracranial brain tumor models. <i>Journal of Neuro-Oncology</i> , 2007, 82, 41-47.	2.9	28
118	Convection-enhanced delivery of Ls-TPT enables an effective, continuous, low-dose chemotherapy against malignant glioma xenograft model1. <i>Neuro-Oncology</i> , 2006, 8, 205-214.	1.2	91
119	Tissue affinity of the infusate affects the distribution volume during convection-enhanced delivery into rodent brains: Implications for local drug delivery. <i>Journal of Neuroscience Methods</i> , 2006, 154, 225-232.	2.5	89
120	Convection-enhanced delivery of liposomal doxorubicin in intracranial brain tumor xenografts. <i>Targeted Oncology</i> , 2006, 1, 79-85.	3.6	10
121	Novel Nanoliposomal CPT-11 Infused by Convection-Enhanced Delivery in Intracranial Tumors: Pharmacology and Efficacy. <i>Cancer Research</i> , 2006, 66, 2801-2806.	0.9	149
122	Reflux-free cannula for convection-enhanced high-speed delivery of therapeutic agents. <i>Journal of Neurosurgery</i> , 2005, 103, 923-929.	1.6	202
123	Effects of the perivascular space on convection-enhanced delivery of liposomes in primate putamen. <i>Experimental Neurology</i> , 2005, 196, 104-111.	4.1	70
124	Gadolinium-loaded liposomes allow for real-time magnetic resonance imaging of convection-enhanced delivery in the primate brain. <i>Experimental Neurology</i> , 2005, 196, 381-389.	4.1	133
125	Real-time visualization and characterization of liposomal delivery into the monkey brain by magnetic resonance imaging. <i>Brain Research Protocols</i> , 2005, 16, 20-26.	1.6	85
126	Invasive phenotype observed in 1,3-bis(2-chloroethyl)-1-nitrosourea-resistant sublines of 9L rat glioma cells: a tumor model mimicking a recurrent malignant glioma. <i>Journal of Neurosurgery</i> , 2004, 101, 826-831.	1.6	16



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127	Convection-Enhanced Delivery of Tumor Necrosis Factor-Related Apoptosis-Inducing Ligand with Systemic Administration of Temozolomide Prolongs Survival in an Intracranial Glioblastoma Xenograft Model. <i>Cancer Research</i> , 2004, 64, 6858-6862.	0.9	111
128	Two Different Mechanisms of Apoptosis Resistance Observed in Interferon- $\alpha$ Induced Apoptosis of Human Glioma Cells. <i>Journal of Neuro-Oncology</i> , 2004, 67, 273-280.	2.9	17
129	Extensive Distribution of Liposomes in Rodent Brains and Brain Tumors Following Convection-Enhanced Delivery. <i>Journal of Neuro-Oncology</i> , 2004, 68, 1-9.	2.9	128
130	Vaccination with tumor cell lysate-pulsed dendritic cells augments the effect of IFN- $\gamma$ gene therapy for malignant glioma in an experimental mouse intracranial glioma. <i>International Journal of Cancer</i> , 2004, 111, 777-782.	5.1	27
131	Human Gene Therapy for Malignant Gliomas (Glioblastoma Multiforme and Anaplastic Astrocytoma) by In Vivo Transduction with Human Interferon $\beta$ Gene Using Cationic Liposomes. <i>Human Gene Therapy</i> , 2004, 15, 77-86.	2.7	129
132	Distribution of Liposomes into Brain and Rat Brain Tumor Models by Convection-Enhanced Delivery Monitored with Magnetic Resonance Imaging. <i>Cancer Research</i> , 2004, 64, 2572-2579.	0.9	217
133	Apoptotic DNA endonuclease (DNase- $\gamma$ ) gene transfer induces cell death accompanying DNA fragmentation in human glioma cells. <i>Journal of Neuro-Oncology</i> , 2003, 63, 25-31.	2.9	3
134	Symptomatic spinal dissemination of malignant astrocytoma. <i>Journal of Neuro-Oncology</i> , 2003, 61, 227-235.	2.9	48
135	Fatal hemorrhage after radiochemotherapy for leptomeningeal dissemination of glioma. <i>World Neurosurgery</i> , 2002, 57, 46-48.	1.3	6
136	Surgical treatment of a mixed pineocytoma/pineoblastoma in a 72-year-old patient. <i>Acta Neurochirurgica</i> , 2002, 144, 389-393.	1.7	3
137	Combined neuroendovascular stenting and coil embolization for cervical carotid artery dissection causing symptomatic mass effect. <i>World Neurosurgery</i> , 2000, 53, 318-322.	1.3	28