

# Jiro Akimoto

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

998  
citations

567281

15  
h-index

454955

30  
g-index

63  
all docs

63  
docs citations

63  
times ranked

1224  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Photodynamic Therapy for Malignant Brain Tumors. <i>Neurologia Medico-Chirurgica</i> , 2016, 56, 151-157.	2.2	120
3	Preliminary clinical report on safety and efficacy of photodynamic therapy using talaporfin sodium for malignant gliomas. <i>Photodiagnosis and Photodynamic Therapy</i> , 2012, 9, 91-99.	2.6	104
4	<i>BRAF</i> V600E, <i>TERT</i> promoter mutations and <i>CDKN2A/B</i> homozygous deletions are frequent in epithelioid glioblastomas: a histological and molecular analysis focusing on intratumoral heterogeneity. <i>Brain Pathology</i> , 2018, 28, 663-673.	4.1	51
5	Photodynamic therapy of C6-implanted glioma cells in the rat brain employing second-generation photosensitizer talaporfin sodium. <i>Photodiagnosis and Photodynamic Therapy</i> , 2008, 5, 198-209.	2.6	44
6	Uptake and retention of the photosensitizer mono-l-asparthyl chlorine e6 in experimental malignant glioma. <i>Lasers in Medical Science</i> , 2008, 23, 237-245.	2.1	40
7	Intraoperative Photodiagnosis for Malignant Glioma Using Photosensitizer Talaporfin Sodium. <i>Frontiers in Surgery</i> , 2019, 6, 12.	1.4	32
8	Photodynamic therapy with talaporfin sodium induces dose-dependent apoptotic cell death in human glioma cell lines. <i>Photodiagnosis and Photodynamic Therapy</i> , 2013, 10, 103-110.	2.6	30
9	MyD88 Mutation in Elderly Predicts Poor Prognosis in Primary Central Nervous System Lymphoma: Multi-Institutional Analysis. <i>World Neurosurgery</i> , 2018, 112, e69-e73.	1.3	26
10	So-called bifocal tumors with diabetes insipidus and negative tumor markers: are they all germinoma?. <i>Neuro-Oncology</i> , 2021, 23, 295-303.	1.2	24
11	Clinicopathological analysis in patients with neuroendocrine tumors that metastasized to the brain. <i>BMC Cancer</i> , 2016, 16, 36.	2.6	23
12	Photodynamic therapy using talaporfin sodium induces heme oxygenase-1 expression in rat malignant meningioma KMY-J cells. <i>Journal of Toxicological Sciences</i> , 2018, 43, 353-358.	1.5	20
13	Fourth Ventricular Meningioma in an Adult. Case Report.. <i>Neurologia Medico-Chirurgica</i> , 2001, 41, 402-405.	2.2	17
14	Photodynamic therapy with talaporfin sodium induces dose- and time-dependent apoptotic cell death in malignant meningioma HKBMM cells. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 25, 29-34.	2.6	17
15	Monofocal Acute Inflammatory Demyelination Manifesting as Open Ring Sign-Case Report-. <i>Neurologia Medico-Chirurgica</i> , 2006, 46, 353-357.	2.2	16
16	First autopsy analysis of the efficacy of intra-operative additional photodynamic therapy for patients with glioblastoma. <i>Brain Tumor Pathology</i> , 2019, 36, 144-151.	1.7	16
17	Epithelioid glioblastoma: a case report. <i>Brain Tumor Pathology</i> , 2005, 22, 21-27.	1.7	14
18	Primary medulla oblongata germinoma – an unusual posterior fossa tumors in young adults. <i>Journal of Clinical Neuroscience</i> , 2009, 16, 705-708.	1.5	14

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19	Neuromuscular hamartoma is a possible primary pathology of oculomotor ophthalmoplegic migraine. Cephalalgia, 2012, 32, 171-174.	3.9	14
20	A case of radiologically multicentric but genetically identical multiple glioblastomas. Brain Tumor Pathology, 2014, 31, 113-117.	1.7	13
21	Novel Photosensitizer $\hat{I}^2$ -Mannose-Conjugated Chlorin e6 as a Potent Anticancer Agent for Human Glioblastoma U251 Cells. Pharmaceuticals, 2020, 13, 316.	3.8	13
22	Disseminated cerebellar hemangioblastoma in two patients without von Hippel-Lindau disease. , 2014, 5, 145.		13
23	Radiopathological characteristics of cerebellar malignant glioma in adults. Brain Tumor Pathology, 2009, 26, 59-68.	1.7	12
24	Pathologic Findings and Clinical Course of Midline Paraventricular Gliomas Diagnosed Using a Neuroendoscope. World Neurosurgery, 2018, 114, e366-e377.	1.3	9
25	Microvascular Decompression for Oculomotor Nerve Palsy Due to Compression by Infundibular Dilatation of Posterior Communicating Artery. World Neurosurgery, 2018, 119, 142-145.	1.3	9
26	Clinical diagnosis of gliomatosis cerebri: Report of three cases. Brain Tumor Pathology, 2004, 21, 87-95.	1.7	8
27	Intraoperative monitoring during decompression of the spinal cord and spinal nerves using transcranial motor-evoked potentials: The law of twenty percent. Journal of Clinical Neuroscience, 2015, 22, 1403-1407.	1.5	8
28	Solitary tentorial sarcoid granuloma associated with Propionibacterium acnes infection: case report. Journal of Neurosurgery, 2017, 127, 687-690.	1.6	8
29	A nationwide multi-institutional retrospective study to identify prognostic factors and develop a graded prognostic assessment system for patients with brain metastases from uterine corpus and cervical cancer. BMC Cancer, 2017, 17, 397.	2.6	8
30	Hereditary breast cancer associated with Cowden syndrome-related PTEN mutation with Lhermitte-Duclos disease. Surgical Case Reports, 2017, 3, 83.	0.6	8
31	Surgical outcome and graded prognostic assessment of patients with brain metastasis from adult sarcoma: multi-institutional retrospective study in Japan. International Journal of Clinical Oncology, 2020, 25, 1995-2005.	2.2	8
32	Post-embolization neurological syndrome after embolization for intracranial and skull base tumors: transient exacerbation of neurological symptoms with inflammatory responses. Neuroradiology, 2018, 60, 843-851.	2.2	7
33	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
34	Possible mechanism of heme oxygenase-1 expression in rat malignant meningioma KMY-J cells subjected to talaporfin sodium-mediated photodynamic therapy. Photodiagnosis and Photodynamic Therapy, 2020, 32, 102009.	2.6	6
35	A case of unruptured aneurysm of the internal carotid artery presenting as olfactory hallucinations. , 2017, 8, 197.		6
36	Concomitant treatment with temozolomide enhances apoptotic cell death in glioma cells induced by photodynamic therapy with talaporfin sodium. Photodiagnosis and Photodynamic Therapy, 2014, 11, 556-564.	2.6	5

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37	Clinicopathological characteristics of circumscribed high-grade astrocytomas with an unusual combination of BRAF V600E, ATRX, and CDKN2A/B alternations. <i>Brain Tumor Pathology</i> , 2019, 36, 103-111.	1.7	5
38	Clinical application of the mirror irradiation technique in photodynamic therapy for malignant glioma. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 31, 101956.	2.6	5
39	Symptomatic suprasellar endodermal cyst, possibly originating from the Seessel's pouch, containing fluid with a high carcinoembryonic antigen level. <i>Brain Tumor Pathology</i> , 2013, 30, 128-133.	1.7	4
40	A Case of Rapidly-Progressing Cervical Spine Subependymoma with Atypical Features. <i>Spine Surgery and Related Research</i> , 2019, 3, 91-94.	0.7	4
41	Primary cerebellar progressive multifocal leukoencephalopathy (PML) shows increased accumulation in 123I-IMP SPECT. <i>Journal of the Neurological Sciences</i> , 2016, 361, 92-94.	0.6	3
42	Diffused light attenuation at 664 nm for PDT in salted cadaver brain. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 29, 101593.	2.6	3
43	Synergistic effect of dichloroacetate on talaporfin sodium-based photodynamic therapy on U251 human astrocytoma cells. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 31, 101850.	2.6	3
44	Neuroendoscopic Fenestration of Expanding Cavum Septi Pellucidi : A Case Report. <i>Japanese Journal of Neurosurgery</i> , 2002, 11, 283-288.	0.0	2
45	Evaluation of laser irradiance on photodynamic therapy using talaporfin sodium-induced glioblastoma T98G cell death. <i>Fundamental Toxicological Sciences</i> , 2015, 2, 111-116.	0.6	1
46	Intra-Operative Photodynamic Diagnosis and Therapy for Malignant Glioma Using Second-Generation Photosensitizer Talaporfin Sodium. <i>The Review of Laser Engineering</i> , 2012, 40, 269.	0.0	1
47	Management of Ruptured Aneurysms in Pregnancy. <i>Surgery for Cerebral Stroke</i> , 2003, 31, 187-190.	0.0	1
48	Effect of Compound Muscle Action Potential After Peripheral Nerve Stimulation Normalization on Anesthetic Fade of Intraoperative Transcranial Motor-Evoked Potential. <i>Journal of Clinical Neurophysiology</i> , 2021, 38, 306-311.	1.7	1
49	Preliminary Report: Rapid Intraoperative Detection of Residual Glioma Cell in Resection Cavity Walls Using a Compact Fluorescence Microscope. <i>Journal of Clinical Medicine</i> , 2021, 10, 5375.	2.4	1
50	Radio-pathological characteristics of malignant transformation of an epidermoid cyst in the cerebellopontine angle: A case report. , 2022, 13, 135.		1
51	Resection of petroclival clear cell meningioma by the anterior transpetrosal approach: diagnosis of rare pathology and improvement of preoperative hearing disturbance. <i>Neurosurgical Focus Video</i> , 2022, 6, V3.	0.3	1
52	Frontotemporal dementia-associated protein "phosphorylated TDP-43" localizes to atherosclerotic lesions of human carotid and main cerebral arteries. <i>Histology and Histopathology</i> , 2020, 35, 159-167.	0.7	1
53	<b>Safety and Efficacy of Photodynamic Therapy using Talaporfin Sodium and Diode Laser for Malignant Glioma: Report of Investigator Initiated Clinical Trial</b>. <i>Nippon Laser Igakkaishi</i> , 2013, 34, 82-86.	0.0	0
54	Possibility and Challenge of Cancer Therapy using Combination Products with Drug and Device-Insight from Experiences of Investigator-initiated Clinical Trial for Malignant Brain Tumors by Photodynamic Therapy using Talaporfin and PDT laser-. <i>Drug Delivery System</i> , 2015, 30, 226-233.	0.0	0

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55	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
56	Photodynamic Therapy for Malignant Brain Tumors: Past, Present and Future. <i>Nippon Laser Igakkaishi</i> , 2021, 41, 318-328.	0.0	0
57	A case of a pregnant woman with a subarachnoid hemorrhage caused by dissection of the distal region of the posterior cerebral artery. <i>Nosotchu</i> , 2021, , .	0.1	0
58	Histopathological Findings of the Brain-Tumor Interface. <i>Japanese Journal of Neurosurgery</i> , 2020, 29, 475-485.	0.0	0
59	ML-16 First clinical experience of administration of Tirabrutinib for the patients with newly diagnosed primary central nervous system lymphoma. <i>Neuro-Oncology Advances</i> , 2021, 3, vi24-vi24.	0.7	0
60	The Cost-Effectiveness Evaluation of the Intraoperative Additional Photodynamic Therapy for the Treatment of Newly Diagnosed Glioblastoma. <i>Nippon Laser Igakkaishi</i> , 2022, , .	0.0	0