

Masahiro Mizoguchi

List of Publications by Year in descending order

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Version: 2024-02-01

91
papers

2,347
citations

361413

20
h-index

223800

46
g-index

94
all docs

94
docs citations

94
times ranked

3973
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	MiRNA-196 Is Upregulated in Glioblastoma But Not in Anaplastic Astrocytoma and Has Prognostic Significance. <i>Clinical Cancer Research</i> , 2010, 16, 4289-4297.	7.0	184
4	Activation of STAT3, MAPK, and AKT in Malignant Astrocytic Gliomas. <i>Journal of Neuropathology and Experimental Neurology</i> , 2006, 65, 1181-1188.	1.7	155
5	Differentiation of high-grade and low-grade diffuse gliomas by intravoxel incoherent motion MR imaging. <i>Neuro-Oncology</i> , 2016, 18, 132-141.	1.2	109
6	Prevalence and clinicopathological features of H3.3 G34-mutant high-grade gliomas: a retrospective study of 411 consecutive glioma cases in a single institution. <i>Brain Tumor Pathology</i> , 2017, 34, 103-112.	1.7	69
7	Expression of neurofibromatosis 2 protein in human brain tumors: an immunohistochemical study. <i>Acta Neuropathologica</i> , 1997, 93, 225-232.	7.7	62
8	Clinical implications of microRNAs in human glioblastoma. <i>Frontiers in Oncology</i> , 2013, 3, 19.	2.8	48
9	Precise Detection of IDH1/2 and BRAF Hotspot Mutations in Clinical Glioma Tissues by a Differential Calculus Analysis of High-Resolution Melting Data. <i>PLoS ONE</i> , 2016, 11, e0160489.	2.5	39
10	Diagnostic utility of intravoxel incoherent motion mr imaging in differentiating primary central nervous system lymphoma from glioblastoma multiforme. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 44, 1256-1261.	3.4	35
11	Prevalence of copy-number neutral LOH in glioblastomas revealed by genomewide analysis of laser-microdissected tissues. <i>Neuro-Oncology</i> , 2008, 10, 995-1003.	1.2	34
12	Intraoperative visualization of cerebral oxygenation using hyperspectral image data: a two-dimensional mapping method. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2014, 9, 1059-1072.	2.8	34
13	A comprehensive analysis identifies <i>BRAF</i> hotspot mutations associated with gliomas with peculiar epithelial morphology. <i>Neuropathology</i> , 2017, 37, 191-199.	1.2	33
14	Allelic Losses of Chromosome 10 in Glioma Tissues Detected by Quantitative Single-Strand Conformation Polymorphism Analysis. <i>Clinical Chemistry</i> , 2006, 52, 370-378.	3.2	31
15	Detection of SV40 T antigen genome in human gliomas. <i>Brain Tumor Pathology</i> , 1997, 14, 125-129.	1.7	27
16	Molecular characteristics of glioblastoma with 1p/19q co-deletion. <i>Brain Tumor Pathology</i> , 2012, 29, 148-153.	1.7	27
17	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
18	Molecular diagnosis of diffuse glioma using a chip-based digital PCR system to analyze IDH, TERT, and H3 mutations in the cerebrospinal fluid. <i>Journal of Neuro-Oncology</i> , 2021, 152, 47-54.	2.9	27

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19	Correlation between arterial spin-labeling perfusion and histopathological vascular density of pediatric intracranial tumors. <i>Journal of Neuro-Oncology</i> , 2017, 135, 561-569.	2.9	25
20	Measurement of the perfusion fraction in brain tumors with intravoxel incoherent motion MR imaging: validation with histopathological vascular density in meningiomas. <i>British Journal of Radiology</i> , 2018, 91, 20170912.	2.2	25
21	MicroRNAs in Human Malignant Gliomas. <i>Journal of Oncology</i> , 2012, 2012, 1-7.	1.3	24
22	Loss of heterozygosity analysis in malignant gliomas. <i>Brain Tumor Pathology</i> , 2011, 28, 191-196.	1.7	22
23	Clinical significance of <i>CDKN2A</i> homozygous deletion in combination with methylated <i>MGMT</i> status for <i>IDH</i> wildtype glioblastoma. <i>Cancer Medicine</i> , 2021, 10, 3177-3187.	2.8	21
24	Pediatric Glioma: An Update of Diagnosis, Biology, and Treatment. <i>Cancers</i> , 2021, 13, 758.	3.7	20
25	Reclassification of 400 consecutive glioma cases based on the revised 2016WHO classification. <i>Brain Tumor Pathology</i> , 2018, 35, 81-89.	1.7	19
26	The Influence of Age on the Outcomes of Traumatic Brain Injury: Findings from a Japanese Nationwide Survey (J-ASPECT Study-Traumatic Brain Injury). <i>World Neurosurgery</i> , 2019, 130, e26-e46.	1.3	17
27	First-line bevacizumab contributes to survival improvement in glioblastoma patients complementary to temozolomide. <i>Journal of Neuro-Oncology</i> , 2020, 146, 451-458.	2.9	16
28	Add-on bevacizumab can prevent early clinical deterioration and prolong survival in newly diagnosed partially resected glioblastoma patients with a poor performance status. <i>OncoTargets and Therapy</i> , 2017, Volume 10, 429-437.	2.0	15
29	Mesenchymal glioblastoma-induced mature de-novo vessel formation of vascular endothelial cells in a microfluidic device. <i>Molecular Biology Reports</i> , 2021, 48, 395-403.	2.3	14
30	Narrowing of the regions of allelic losses of chromosome 1p36 in meningioma tissues by an improved SSCP analysis. <i>International Journal of Cancer</i> , 2008, 122, 1820-1826.	5.1	13
31	CD206 Expression in Induced Microglia-Like Cells From Peripheral Blood as a Surrogate Biomarker for the Specific Immune Microenvironment of Neurosurgical Diseases Including Glioma. <i>Frontiers in Immunology</i> , 2021, 12, 670131.	4.8	13
32	A case of intracranial solitary fibrous tumor/hemangiopericytoma with dedifferentiated component. <i>Neuropathology</i> , 2015, 35, 260-265.	1.2	12
33	Insular primary glioblastomas with <i>IDH</i> mutations: Clinical and biological specificities. <i>Neuropathology</i> , 2017, 37, 200-206.	1.2	12
34	Differentiation of high-grade from low-grade diffuse gliomas using diffusion-weighted imaging: a comparative study of mono-, bi-, and stretched-exponential diffusion models. <i>Neuroradiology</i> , 2020, 62, 815-823.	2.2	12
35	Mutation analysis of CBL-C and SPRED3 on 19q in human glioblastoma. <i>Neurogenetics</i> , 2004, 5, 81-82.	1.4	11
36	Deferred radiotherapy and upfront procarbazine–ACNU–vincristine administration for 1p19q codeleted oligodendroglial tumors are associated with favorable outcome without compromising patient performance, regardless of WHO grade. <i>OncoTargets and Therapy</i> , 2016, Volume 9, 7123-7131.	2.0	11

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37	Efficacy of combined use of a stent retriever and aspiration catheter in mechanical thrombectomy for acute ischemic stroke. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 892-897.	3.3	11
38	Upregulation of tissue inhibitor of metalloproteinase-1 contributes to restoration of the extracellular matrix in the rabbit basilar artery during cerebral vasospasm after subarachnoid hemorrhage. <i>Brain Research</i> , 2015, 1616, 26-36.	2.2	9
39	Evaluation of glioblastomas and lymphomas with whole-brain CT perfusion: Comparison between a delay-invariant singular-value decomposition algorithm and a Patlak plot. <i>Journal of Neuroradiology</i> , 2016, 43, 266-272.	1.1	9
40	Two Cases of Large Filar Cyst Associated with Terminal Lipoma: Relationship with Retained Medullary Cord. <i>World Neurosurgery</i> , 2020, 142, 294-298.	1.3	9
41	Update on Chemotherapeutic Approaches and Management of Bevacizumab Usage for Glioblastoma. <i>Pharmaceuticals</i> , 2020, 13, 470.	3.8	9
42	Detection of proneural/mesenchymal marker expression in glioblastoma: temporospatial dynamics and association with chromatin-modifying gene expression. <i>Journal of Neuro-Oncology</i> , 2015, 125, 33-41.	2.9	8
43	Volumetric study reveals the relationship between outcome and early radiographic response during bevacizumab-containing chemoradiotherapy for unresectable glioblastoma. <i>Journal of Neuro-Oncology</i> , 2021, 154, 187-196.	2.9	8
44	Relevance of calcification and contrast enhancement pattern for molecular diagnosis and survival prediction of gliomas based on the 2016 World Health Organization Classification. <i>Clinical Neurology and Neurosurgery</i> , 2019, 187, 105556.	1.4	7
45	Simultaneous Electroencephalographic and Electrocorticographic Recordings of Lateralized Periodic Discharges in Temporal Lobe Epilepsy. <i>Clinical EEG and Neuroscience</i> , 2022, 53, 61-69.	1.7	6
46	Clinical implications of molecular analysis in diffuse glioma stratification. <i>Brain Tumor Pathology</i> , 2021, 38, 210-217.	1.7	6
47	Pediatric glioblastoma with oligodendroglioma component: Aggressive clinical phenotype with distinct molecular characteristics. <i>Neuropathology</i> , 2013, 33, 652-657.	1.2	5
48	Upregulation of Relaxin after Experimental Subarachnoid Hemorrhage in Rabbits. <i>BioMed Research International</i> , 2014, 2014, 1-9.	1.9	5
49	A case of diffuse midline glioma, H3 K27M mutant mimicking a hemispheric malignant glioma in an elderly patient. <i>Neuropathology</i> , 2020, 40, 99-103.	1.2	5
50	Accumulation of class I mutant p53 and apoptosis induced by carboplatin in a human glioma cell line. <i>Brain Tumor Pathology</i> , 1998, 15, 77-82.	1.7	4
51	Subial Lumbar Lipoma Associated with Retained Medullary Cord. <i>NMC Case Report Journal</i> , 2021, 8, 51-55.	0.5	4
52	Endonasal endoscopic surgery for temporal lobe epilepsy associated with sphenoidal encephalocele. , 2021, 12, 379.		4
53	A case of ganglioglioma grade 3 with <sc>H3 K27M</sc> mutation arising in the medial temporal lobe in an elderly patient. <i>Neuropathology</i> , 2022, , .	1.2	4
54	Quantitative relaxometry using synthetic MRI could be better than T2-FLAIR mismatch sign for differentiation of IDH-mutant gliomas: a pilot study. <i>Scientific Reports</i> , 2022, 12, .	3.3	4

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55	A comparative immunohistochemical study of tissue transglutaminase and factor XIIIa in hemangioblastoma. <i>Neuropathology</i> , 1998, 18, 199-205.	1.2	3
56	Periodic discharges with high frequency oscillations recorded from a cerebellar gangliocytoma in an epileptic infant. , 2021, 12, 98.		3
57	Current trend in treatment of glioblastoma in Japan: a national survey using the diagnostic procedure combination database (J-ASPECT study-glioblastoma). <i>International Journal of Clinical Oncology</i> , 2021, 26, 1441-1449.	2.2	3
58	The Effectiveness of Salvage Treatments for Recurrent Lesions of Oligodendrogliomas Previously Treated with Upfront Chemotherapy. <i>World Neurosurgery</i> , 2018, 114, e735-e742.	1.3	2
59	Intraoperative Tissue Expansion Using a Foley Catheter for a Scalp Defect: Technical Note. <i>World Neurosurgery</i> , 2020, 143, 62-67.	1.3	2
60	Intraventricular mucin-producing glioblastoma arising in the septum pellucidum at the frontal horn of the lateral ventricle: A case report. <i>Neuropathology</i> , 2021, 41, 381-386.	1.2	2
61	HGG-24. HIGH-GRADE GLIOMA WITH A NOVEL FUSION GENE OF VCL-ALK. <i>Neuro-Oncology</i> , 2020, 22, iii348-iii348.	1.2	2
62	Gamma distribution model of diffusion MRI for the differentiation of primary central nerve system lymphomas and glioblastomas. <i>PLoS ONE</i> , 2020, 15, e0243839.	2.5	2
63	Alveolar soft part sarcoma of the orbit: A case report. <i>Radiology Case Reports</i> , 2021, 16, 3766-3771.	0.6	2
64	Changes in the Relapse Pattern and Prognosis of Glioblastoma After Approval of First-Line Bevacizumab: A Single-Center Retrospective Study. <i>World Neurosurgery</i> , 2022, 159, e479-e487.	1.3	2
65	A Dorsally Located Endodermal Cyst in the Foramen Magnum Mimicking an Arachnoid Cyst: A Case Report. <i>Pediatric Neurosurgery</i> , 2020, 55, 197-202.	0.7	1
66	Surgical Pathoembryology and Treatment of Limited Dorsal Myeloschisis. <i>Japanese Journal of Neurosurgery</i> , 2021, 30, 424-431.	0.0	1
67	Papillary craniopharyngioma coexisting with an intratumoral abscess in a pediatric patient: A case report and review of the literature. <i>Acta Radiologica Open</i> , 2021, 10, 205846012110306.	0.6	1
68	Visionary Approach for the Treatment of Brain Tumors. <i>Japanese Journal of Neurosurgery</i> , 2015, 24, 693-698.	0.0	1
69	Prognostic model of lower grade gliomas.. <i>Journal of Clinical Oncology</i> , 2015, 33, 2038-2038.	1.6	1
70	Nonconvulsive status epilepticus associated with Alzheimer's disease mimicking symptomatic focal epilepsy following the resection of a frontal parasagittal meningioma. , 2020, 11, 469.		1
71	IM-03 CD206 expression in peripheral blood-derived induced-microglia-like cells as a surrogate biomarker for the specific immune microenvironment of glioma. <i>Neuro-Oncology Advances</i> , 2020, 2, ii7-ii7.	0.7	1
72	Impaired visual acuity as an only symptom of shunt malfunction, long time after initial cyst-peritoneal shunting for arachnoid cyst: A case report. , 2022, 13, 68.		1

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73	Good seizure outcome after focal resection surgery for super-refractory status epilepticus: Report of two cases. , 2022, 13, 164.		1
74	Glioma of the Central Nervous System Surveillance Counterpoint: Japan. , 2013, , 521-523.		0
75	Successful multimodal therapy for undifferentiated carcinoma with neuroendocrine differentiation in the clival region. International Cancer Conference Journal, 2015, 4, 105-110.	0.5	0
76	ACT-16 THE POTENTIAL OF HYPOFRACTIONATED RADIOTHERAPY AND BEVACIZUMAB FOR GLIOBLASTOMA TREATMENT. Neuro-Oncology Advances, 2019, 1, ii15-ii15.	0.7	0
77	Congenital interdural arachnoid cyst of the tentorium cerebelli. Child's Nervous System, 2020, 36, 1071-1074.	1.1	0
78	Ruptured anterior communicating artery aneurysms associated with left common carotid artery occlusion due to Takayasu arteritis: an autopsy case report. Nosotchu, 2021, , .	0.1	0
79	Epileptogenicity of a patient with the association of medullary venous malformation and cavernous malformation. Epilepsy and Seizure, 2008, 1, 14-20.	0.2	0
80	Refined Glioma Classification based on Molecular Pathology. Japanese Journal of Neurosurgery, 2015, 24, 366-377.	0.0	0
81	The landscape and clonal architecture in lower grade glioma.. Journal of Clinical Oncology, 2015, 33, 2008-2008.	1.6	0
82	LGG-20. CLINICAL FEATURES AND TREATMENT RESULTS FOR PEDIATRIC OPTICO-HYPOTHALAMIC ASTROCYTOMA. Neuro-Oncology, 2020, 22, iii370-iii370.	1.2	0
83	MPC-06 Cutting-edge of Cancer Genomic Medicine for brain tumors. Neuro-Oncology Advances, 2020, 2, ii12-ii12.	0.7	0
84	ACT-02 Changes in Recurrence Pattern and Prognosis of Glioblastoma after Approval of Bevacizumab as First-line Application. Neuro-Oncology Advances, 2020, 2, ii7-ii8.	0.7	0
85	Gamma distribution model of diffusion MRI for evaluating the isocitrate dehydrogenase mutation status of glioblastomas. British Journal of Radiology, 2022, 95, 20210392.	2.2	0
86	Title is missing!. , 2020, 15, e0243839.		0
87	Title is missing!. , 2020, 15, e0243839.		0
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91	Title is missing!. , 2020, 15, e0243839.		0