

Hideyuki Arita

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

1,968
citations

279798

23
h-index

254184

43
g-index

53
all docs

53
docs citations

53
times ranked

3201
citing authors

#	ARTICLE	IF	CITATIONS
1	Upregulating mutations in the TERT promoter commonly occur in adult malignant gliomas and are strongly associated with total 1p19q loss. <i>Acta Neuropathologica</i> , 2013, 126, 267-276.	7.7	315
2	A combination of TERT promoter mutation and MGMT methylation status predicts clinically relevant subgroups of newly diagnosed glioblastomas. <i>Acta Neuropathologica Communications</i> , 2016, 4, 79.	5.2	189
3	Recurrent mutations of <i>CD79B</i> and <i>MYD88</i> are the hallmark of primary central nervous system lymphomas. <i>Neuropathology and Applied Neurobiology</i> , 2016, 42, 279-290.	3.2	172
4	Revisiting <i>TP53</i> Mutations and Immunohistochemistry—A Comparative Study in 157 Diffuse Gliomas. <i>Brain Pathology</i> , 2015, 25, 256-265.	4.1	120
5	Lesion location implemented magnetic resonance imaging radiomics for predicting IDH and TERT promoter mutations in grade II/III gliomas. <i>Scientific Reports</i> , 2018, 8, 11773.	3.3	88
6	Development of a robust and sensitive pyrosequencing assay for the detection of IDH1/2 mutations in gliomas. <i>Brain Tumor Pathology</i> , 2015, 32, 22-30.	1.7	65
7	TERT promoter mutations rather than methylation are the main mechanism for TERT upregulation in adult gliomas. <i>Acta Neuropathologica</i> , 2013, 126, 939-941.	7.7	62
8	Radiomics and MGMT promoter methylation for prognostication of newly diagnosed glioblastoma. <i>Scientific Reports</i> , 2019, 9, 14435.	3.3	58
9	TERT promoter mutation status is necessary and sufficient to diagnose IDH-wildtype diffuse astrocytic glioma with molecular features of glioblastoma. <i>Acta Neuropathologica</i> , 2021, 142, 323-338.	7.7	58
10	Prediction of IDH and TERT promoter mutations in low-grade glioma from magnetic resonance images using a convolutional neural network. <i>Scientific Reports</i> , 2019, 9, 20311.	3.3	45
11	IDH1/2 mutation detection in gliomas. <i>Brain Tumor Pathology</i> , 2015, 32, 79-89.	1.7	44
12	Multinodular and vacuolating neuronal tumor of the cerebrum. <i>Brain Tumor Pathology</i> , 2015, 32, 131-136.	1.7	42
13	Clinical characteristics of meningiomas assessed by ¹¹ C-methionine and ¹⁸ F-fluorodeoxyglucose positron-emission tomography. <i>Journal of Neuro-Oncology</i> , 2012, 107, 379-386.	2.9	39
14	A Novel PET Index, ¹⁸ F-FDG/ ¹¹ C-Methionine Uptake Decoupling Score, Reflects Glioma Cell Infiltration. <i>Journal of Nuclear Medicine</i> , 2012, 53, 1701-1708.	5.0	38
15	¹¹ C-methionine uptake and intraoperative ⁵ aminolevulinic acid-induced fluorescence as separate index markers of cell density in glioma. <i>Cancer</i> , 2012, 118, 1619-1627.	4.1	38
16	Diagnostic and Prognostic Value of ¹¹ C-Methionine PET for Nonenhancing Gliomas. <i>American Journal of Neuroradiology</i> , 2016, 37, 44-50.	2.4	37
17	Introduction of High Throughput Magnetic Resonance T2-Weighted Image Texture Analysis for WHO Grade 2 and 3 Gliomas. <i>PLoS ONE</i> , 2016, 11, e0164268.	2.5	36
18	Prevalence of cerebral aneurysm in patients with acromegaly. <i>Pituitary</i> , 2013, 16, 195-201.	2.9	34

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19	Distribution differences in prognostic copy number alteration profiles in IDH-wild-type glioblastoma cause survival discrepancies across cohorts. <i>Acta Neuropathologica Communications</i> , 2019, 7, 99.	5.2	32
20	LPA4-Mediated Vascular Network Formation Increases the Efficacy of Anti-PD-1 Therapy against Brain Tumors. <i>Cancer Research</i> , 2018, 78, 6607-6620.	0.9	28
21	Fine-Tuning Approach for Segmentation of Gliomas in Brain Magnetic Resonance Images with a Machine Learning Method to Normalize Image Differences among Facilities. <i>Cancers</i> , 2021, 13, 1415.	3.7	28
22	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
23	Risk factors for early death after surgery in patients with brain metastases: reevaluation of the indications for and role of surgery. <i>Journal of Neuro-Oncology</i> , 2014, 116, 145-152.	2.9	26
24	Human chorionic gonadotropin is expressed virtually in all intracranial germ cell tumors. <i>Journal of Neuro-Oncology</i> , 2015, 124, 23-32.	2.9	26
25	Pituitary-Targeted Dynamic Contrast-Enhanced Multisection CT for Detecting MR Imaging-Occult Functional Pituitary Microadenoma. <i>American Journal of Neuroradiology</i> , 2015, 36, 904-908.	2.4	25
26	Characteristics and outcomes of elderly patients with diffuse gliomas: a multi-institutional cohort study by Kansai Molecular Diagnosis Network for CNS Tumors. <i>Journal of Neuro-Oncology</i> , 2018, 140, 329-339.	2.9	25
27	Imaging 18F-fluorodeoxy glucose/11C-methionine uptake decoupling for identification of tumor cell infiltration in peritumoral brain edema. <i>Journal of Neuro-Oncology</i> , 2012, 106, 417-425.	2.9	22
28	Clinical significance of CDKN2A homozygous deletion in combination with methylated MGMT status for IDH-wildtype glioblastoma. <i>Cancer Medicine</i> , 2021, 10, 3177-3187.	2.8	21
29	Usefulness of a glass-free medical three-dimensional autostereoscopic display in neurosurgery. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2014, 9, 905-911.	2.8	20
30	Different spatial distribution between germinal center B and non-germinal center B primary central nervous system lymphoma revealed by magnetic resonance group analysis. <i>Neuro-Oncology</i> , 2014, 16, 728-734.	1.2	18
31	Comparison of diffusion tensor imaging and 11C-methionine positron emission tomography for reliable prediction of tumor cell density in gliomas. <i>Journal of Neurosurgery</i> , 2016, 125, 1136-1142.	1.6	16
32	Glioblastomas with IDH1/2 mutations have a short clinical history and have a favorable clinical outcome. <i>Japanese Journal of Clinical Oncology</i> , 2016, 46, 31-39.	1.3	15
33	11C-methionine-18F-FDG dual-PET-tracer-based target delineation of malignant glioma: evaluation of its geometrical and clinical features for planning radiation therapy. <i>Journal of Neurosurgery</i> , 2019, 131, 676-686.	1.6	15
34	Short communication: sclerosing meningioma in the deep sylvian fissure. <i>Brain Tumor Pathology</i> , 2014, 31, 289-292.	1.7	14
35	Molecular characteristics and clinical outcomes of elderly patients with IDH-wildtype glioblastomas: comparative study of older and younger cases in Kansai Network cohort. <i>Brain Tumor Pathology</i> , 2020, 37, 50-59.	1.7	14
36	Impact of Inversion Time for FLAIR Acquisition on the T2-FLAIR Mismatch Detectability for IDH-Mutant, Non-CODEL Astrocytomas. <i>Frontiers in Oncology</i> , 2020, 10, 596448.	2.8	14

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37	A case report of granulomatous amoebic encephalitis by Group 1 Acanthamoeba genotype T18 diagnosed by the combination of morphological examination and genetic analysis. Diagnostic Pathology, 2018, 13, 27.	2.0	13
38	Hemifacial spasm caused by intra-axial brainstem cavernous angioma with venous angiomas. British Journal of Neurosurgery, 2012, 26, 281-283.	0.8	11
39	Clinical Characteristics of Acromegalic Patients With Paradoxical GH Response to Oral Glucose Load. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 1637-1644.	3.6	11
40	Extended trastuzumab therapy improves the survival of HER2-positive breast cancer patients following surgery and radiotherapy for brain metastases. Molecular and Clinical Oncology, 2013, 1, 995-1001.	1.0	10
41	Voxel-based lesion mapping of meningioma: a comprehensive lesion location mapping of 260 lesions. Journal of Neurosurgery, 2018, 128, 1707-1712.	1.6	9
42	Posttransplant Lymphoproliferative Disorders of the Central Nervous System After Kidney Transplantation: Single Center Experience Over 40 Years -Two Case Reports-. Neurologia Medico-Chirurgica, 2010, 50, 1079-1083.	2.2	8
43	Biological Characteristics of Growth Hormone-Producing Pituitary Adenomas Are Different According to Responsiveness to Thyrotropin-Releasing Hormone. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 2741-2747.	3.6	8
44	Enchondromatosis-associated oligodendroglioma: case report and literature review. Brain Tumor Pathology, 2018, 35, 36-40.	1.7	8
45	Management of glioblastoma in an NF1 patient with moyamoya syndrome: a case report. Child's Nervous System, 2013, 29, 341-345.	1.1	7
46	Prognostic significance of TERT promoter mutations in adult-type diffuse gliomas. Brain Tumor Pathology, 2022, 39, 121-129.	1.7	7
47	Eribulin prolongs survival in an orthotopic xenograft mouse model of malignant meningioma. Cancer Science, 2021, 113, 697.	3.9	4
48	Influence of region-of-interest designs on quantitative measurement of multimodal imaging of MR non-enhancing gliomas. Oncology Letters, 2018, 15, 7934-7940.	1.8	3
49	<i>Gsp</i> mutation in acromegaly and its influence on TRH-induced paradoxical GH response. Clinical Endocrinology, 2014, 80, 714-719.	2.4	2
50	Validation of magnetic resonance imaging-based automatic high-grade glioma segmentation accuracy via 11C-methionine positron emission tomography. Oncology Letters, 2019, 18, 4074-4081.	1.8	1
51	Primary central nervous system lymphoma of the bilateral Bochdalek's flower baskets: A case report. Interdisciplinary Neurosurgery: Advanced Techniques and Case Management, 2020, 21, 100756.	0.3	0
52	A Sufficient Surgical Window for Deep-Seated Extracranial Schwannomas in the Craniocervical Junction by the Anterolateral Approach. Neurospine, 2020, 17, 453-460.	2.9	0
53	Revisiting the definition of glioma recurrence based on a phylogenetic investigation of primary and re-emerging tumor samples: a case report. Brain Tumor Pathology, 0, , .	1.7	0