

Hideyuki Arita

List of Publications by Year in descending order

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53
papers

1,968
citations

318942

23
h-index

286692

43
g-index

53
all docs

53
docs citations

53
times ranked

3396
citing authors

#	ARTICLE	IF	CITATIONS
1	Prognostic significance of TERT promoter mutations in adult-type diffuse gliomas. <i>Brain Tumor Pathology</i> , 2022, 39, 121-129.	1.1	7
2	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.	1.7	28
3	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.	1.3	21
4	TERT promoter mutation status is necessary and sufficient to diagnose <i>IDH</i> -wildtype diffuse astrocytic glioma with molecular features of glioblastoma. <i>Acta Neuropathologica</i> , 2021, 142, 323-338.	3.9	58
5	Eribulin prolongs survival in an orthotopic xenograft mouse model of malignant meningioma. <i>Cancer Science</i> , 2021, 113, 697.	1.7	4
6	TERT promoter mutation confers favorable prognosis regardless of 1p/19q status in adult diffuse gliomas with <i>IDH1/2</i> mutations. <i>Acta Neuropathologica Communications</i> , 2020, 8, 201.	2.4	27
7	Molecular characteristics and clinical outcomes of elderly patients with <i>IDH</i> -wildtype glioblastomas: comparative study of older and younger cases in Kansai Network cohort. <i>Brain Tumor Pathology</i> , 2020, 37, 50-59.	1.1	14
8	Primary central nervous system lymphoma of the bilateral Bochsdales™s flower baskets: A case report. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2020, 21, 100756.	0.2	0
9	Impact of Inversion Time for FLAIR Acquisition on the T2-FLAIR Mismatch Detectability for <i>IDH</i> -Mutant, Non-CODEL Astrocytomas. <i>Frontiers in Oncology</i> , 2020, 10, 596448.	1.3	14
10	A Sufficient Surgical Window for Deep-Seated Extracranial Schwannomas in the Craniocervical Junction by the Anterolateral Approach. <i>Neurospine</i> , 2020, 17, 453-460.	1.1	0
11	Radiomics and <i>MGMT</i> promoter methylation for prognostication of newly diagnosed glioblastoma. <i>Scientific Reports</i> , 2019, 9, 14435.	1.6	58
12	Validation of magnetic resonance imaging-based automatic high-grade glioma segmentation accuracy via ¹¹ C-methionine positron emission tomography. <i>Oncology Letters</i> , 2019, 18, 4074-4081.	0.8	1
13	Distribution differences in prognostic copy number alteration profiles in <i>IDH</i> -wild-type glioblastoma cause survival discrepancies across cohorts. <i>Acta Neuropathologica Communications</i> , 2019, 7, 99.	2.4	32
14	Clinical Characteristics of Acromegalic Patients With Paradoxical GH Response to Oral Glucose Load. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 1637-1644.	1.8	11
15	Prediction of <i>IDH</i> and TERT promoter mutations in low-grade glioma from magnetic resonance images using a convolutional neural network. <i>Scientific Reports</i> , 2019, 9, 20311.	1.6	45
16	¹¹ C-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.	0.9	15
17	Voxel-based lesion mapping of meningioma: a comprehensive lesion location mapping of 260 lesions. <i>Journal of Neurosurgery</i> , 2018, 128, 1707-1712.	0.9	9
18	Enchondromatosis-associated oligodendroglioma: case report and literature review. <i>Brain Tumor Pathology</i> , 2018, 35, 36-40.	1.1	8

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19	LPA4-Mediated Vascular Network Formation Increases the Efficacy of Anti-PD-1 Therapy against Brain Tumors. <i>Cancer Research</i> , 2018, 78, 6607-6620.	0.4	28
20	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.	1.4	25
21	A case report of granulomatous amoebic encephalitis by Group 1 <i>Acanthamoeba</i> genotype T18 diagnosed by the combination of morphological examination and genetic analysis. <i>Diagnostic Pathology</i> , 2018, 13, 27.	0.9	13
22	Influence of region-of-interest designs on quantitative measurement of multimodal imaging of MR non-enhancing gliomas. <i>Oncology Letters</i> , 2018, 15, 7934-7940.	0.8	3
23	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.	1.6	88
24	Diagnostic and Prognostic Value of ¹¹ C-Methionine PET for Nonenhancing Gliomas. <i>American Journal of Neuroradiology</i> , 2016, 37, 44-50.	1.2	37
25	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.	2.4	189
26	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.	1.8	172
27	Comparison of diffusion tensor imaging and ¹¹ C-methionine positron emission tomography for reliable prediction of tumor cell density in gliomas. <i>Journal of Neurosurgery</i> , 2016, 125, 1136-1142.	0.9	16
28	Glioblastomas with <i>IDH1/2</i> mutations have a short clinical history and have a favorable clinical outcome. <i>Japanese Journal of Clinical Oncology</i> , 2016, 46, 31-39.	0.6	15
29	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.	1.1	36
30	Human chorionic gonadotropin is expressed virtually in all intracranial germ cell tumors. <i>Journal of Neuro-Oncology</i> , 2015, 124, 23-32.	1.4	26
31	Multinodular and vacuolating neuronal tumor of the cerebrum. <i>Brain Tumor Pathology</i> , 2015, 32, 131-136.	1.1	42
32	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.	1.2	25
33	IDH1/2 mutation detection in gliomas. <i>Brain Tumor Pathology</i> , 2015, 32, 79-89.	1.1	44
34	Revisiting <i>TP53</i> Mutations and Immunohistochemistry—A Comparative Study in 157 Diffuse Gliomas. <i>Brain Pathology</i> , 2015, 25, 256-265.	2.1	120
35	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.	1.1	65
36	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.	0.6	18

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37	<i>Gsp</i> mutation in acromegaly and its influence on TRH-induced paradoxical GH response. <i>Clinical Endocrinology</i> , 2014, 80, 714-719.	1.2	2
38	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.	1.7	20
39	Short communication: sclerosing meningioma in the deep sylvian fissure. <i>Brain Tumor Pathology</i> , 2014, 31, 289-292.	1.1	14
40	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.	1.4	26
41	Prevalence of cerebral aneurysm in patients with acromegaly. <i>Pituitary</i> , 2013, 16, 195-201.	1.6	34
42	TERT promoter mutations rather than methylation are the main mechanism for TERT upregulation in adult gliomas. <i>Acta Neuropathologica</i> , 2013, 126, 939-941.	3.9	62
43	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.	3.9	315
44	Management of glioblastoma in an NF1 patient with moyamoya syndrome: a case report. <i>Child's Nervous System</i> , 2013, 29, 341-345.	0.6	7
45	Extended trastuzumab therapy improves the survival of HER2-positive breast cancer patients following surgery and radiotherapy for brain metastases. <i>Molecular and Clinical Oncology</i> , 2013, 1, 995-1001.	0.4	10
46	Biological Characteristics of Growth Hormone-Producing Pituitary Adenomas Are Different According to Responsiveness to Thyrotropin-Releasing Hormone. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 2741-2747.	1.8	8
47	Hemifacial spasm caused by intra-axial brainstem cavernous angioma with venous angiomas. <i>British Journal of Neurosurgery</i> , 2012, 26, 281-283.	0.4	11
48	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.	2.8	38
49	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.	2.0	38
50	Imaging 18F-fluorodeoxy glucose/ ¹¹ C-methionine uptake decoupling for identification of tumor cell infiltration in peritumoral brain edema. <i>Journal of Neuro-Oncology</i> , 2012, 106, 417-425.	1.4	22
51	Clinical characteristics of meningiomas assessed by ¹¹ C-methionine and 18F-fluorodeoxyglucose positron-emission tomography. <i>Journal of Neuro-Oncology</i> , 2012, 107, 379-386.	1.4	39
52	Posttransplant Lymphoproliferative Disorders of the Central Nervous System After Kidney Transplantation: Single Center Experience Over 40 Years -Two Case Reports-. <i>Neurologia Medico-Chirurgica</i> , 2010, 50, 1079-1083.	1.0	8
53	Revisiting the definition of glioma recurrence based on a phylogenetic investigation of primary and re-emerging tumor samples: a case report. <i>Brain Tumor Pathology</i> , 0, , .	1.1	0