Masamichi Takahashi

List of Publications by Year
in descending order

41 papers	1,412 citations	471061 17 h-index	344852 36 g-index
41 all docs	41 docs citations	41 times ranked	2504 citing authors

#	Article	IF	Citations
1	Autocrine TGF-β Signaling Maintains Tumorigenicity of Glioma-Initiating Cells through Sry-Related HMG-Box Factors. Cell Stem Cell, 2009, 5, 504-514.	5.2	503
2	Glioma-initiating Cells Retain Their Tumorigenicity through Integration of the Sox Axis and Oct4 Protein. Journal of Biological Chemistry, 2011, 286, 41434-41441.	1.6	129
3	Application of Artificial Intelligence Technology in Oncology: Towards the Establishment of Precision Medicine. Cancers, 2020, 12, 3532.	1.7	107
4	Lesion location implemented magnetic resonance imaging radiomics for predicting IDH and TERT promoter mutations in grade II/III gliomas. Scientific Reports, 2018, 8, 11773.	1.6	88
5	Difference in SARS-CoV-2 Antibody Status Between Patients With Cancer and Health Care Workers During the COVID-19 Pandemic in Japan. JAMA Oncology, 2021, 7, 1141.	3.4	50
6	Fibers connecting the primary motor and sensory areas play a role in grasp stability of the hand. NeuroImage, 2005, 25, 936-941.	2.1	49
7	Eribulin penetrates brain tumor tissue and prolongs survival of mice harboring intracerebral glioblastoma xenografts. Cancer Science, 2019, 110, 2247-2257.	1.7	42
8	Retroviral replicating vector–mediated gene therapy achieves long-term control of tumor recurrence and leads to durable anticancer immunity. Neuro-Oncology, 2017, 19, 918-929.	0.6	41
9	Epithelial Membrane Protein-2 (EMP2) Activates Src Protein and Is a Novel Therapeutic Target for Glioblastoma. Journal of Biological Chemistry, 2014, 289, 13974-13985.	1.6	33
10	Assessment of the Diagnostic Utility of Serum MicroRNA Classification in Patients With Diffuse Glioma. JAMA Network Open, 2019, 2, e1916953.	2.8	32
11	Radiosensitization of gliomas by intracellular generation of 5-fluorouracil potentiates prodrug activator gene therapy with a retroviral replicating vector. Cancer Gene Therapy, 2014, 21, 405-410.	2.2	30
12	Fine-Tuning Approach for Segmentation of Gliomas in Brain Magnetic Resonance Images with a Machine Learning Method to Normalize Image Differences among Facilities. Cancers, 2021, 13, 1415.	1.7	28
13	Utility of methylthioadenosine phosphorylase immunohistochemical deficiency as a surrogate for CDKN2A homozygous deletion in the assessment of adult-type infiltrating astrocytoma. Modern Pathology, 2021, 34, 688-700.	2.9	25
14	Radiological characteristics based on isocitrate dehydrogenase mutations and 1p/19q codeletion in grade II and III gliomas. Brain Tumor Pathology, 2018, 35, 148-158.	1.1	22
15	Delineation of brain tumor margins using intraoperative sononavigation: Implications for tumor resection. Journal of Clinical Ultrasound, 2006, 34, 177-183.	0.4	19
16	Epithelial membrane protein-2 (EMP2) promotes angiogenesis in glioblastoma multiforme. Journal of Neuro-Oncology, 2017, 134, 29-40.	1.4	19
17	Decomposing normal and abnormal features of medical images for content-based image retrieval of glioma imaging. Medical Image Analysis, 2021, 74, 102227.	7.0	19
18	Lomustine and nimustine exert efficient antitumor effects against glioblastoma models with acquired temozolomide resistance. Cancer Science, 2021, 112, 4736-4747.	1.7	15

#	Article	IF	Citations
19	Concomitant administration of radiation with eribulin improves the survival of mice harboring intracerebral glioblastoma. Cancer Science, 2018, 109, 2275-2285.	1.7	14
20	Assessing Versatile Machine Learning Models for Glioma Radiogenomic Studies across Hospitals. Cancers, 2021, 13, 3611.	1.7	11
21	Continuous intrathecal treatment with methotrexate via subcutaneous port: implication for leptomeningeal dissemination of malignant tumors. Journal of Neuro-Oncology, 2008, 87, 309-316.	1.4	10
22	Immunochemotherapy using rituximab (RTX) and high-dose methotrexate (HD-MTX): an evaluation of the addition of RTX to HD-MTX in recurrent primary central nervous system lymphoma (PCNSL). Japanese Journal of Clinical Oncology, 2017, 47, 919-924.	0.6	10
23	Cryptococcus gattii genotype VGIIa infection imported from Vancouver Island to Japan. Journal of Infection and Chemotherapy, 2018, 24, 573-575.	0.8	10
24	Enhanced Malignant Phenotypes of Glioblastoma Cells Surviving NPe6-Mediated Photodynamic Therapy are Regulated via ERK1/2 Activation. Cancers, 2020, 12, 3641.	1.7	10
25	A New Era of Neuro-Oncology Research Pioneered by Multi-Omics Analysis and Machine Learning. Biomolecules, 2021, 11, 565.	1.8	10
26	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.	1.0	8
27	First case of human neurocoenurosis caused by Taenia serialis: A case report. International Journal of Infectious Diseases, 2020, 92, 171-174.	1.5	8
28	The ALK inhibitors, alectinib and ceritinib, induce ALK‐independent and STAT3‐dependent glioblastoma cell death. Cancer Science, 2021, 112, 2442-2453.	1.7	8
29	Clinical outcomes of brain metastases from hepatocellular carcinoma: a multicenter retrospective study and a literature review. International Journal of Clinical Oncology, 2018, 23, 1095-1100.	1.0	7
30	Highly sensitive detection of TERT promoter mutations in recurrent glioblastomas using digital PCR. Brain Tumor Pathology, 2020, 37, 154-158.	1.1	7
31	Usefulness of carbon-11-labeled methionine positron-emission tomography for assessing the treatment response of primary central nervous system lymphoma. Japanese Journal of Clinical Oncology, 2020, 50, 512-518.	0.6	7
32	Mathematical Modeling and Mutational Analysis Reveal Optimal Therapy to Prevent Malignant Transformation in Grade II IDH-Mutant Gliomas. Cancer Research, 2021, 81, 4861-4873.	0.4	7
33	In Vivo Study of the Efficacy and Safety of 5-Aminolevulinic Radiodynamic Therapy for Glioblastoma Fractionated Radiotherapy. International Journal of Molecular Sciences, 2021, 22, 9762.	1.8	6
34	Validation study of the Japanese version of MD Anderson Symptom Inventory for Brain Tumor module. Japanese Journal of Clinical Oncology, 2020, 50, 787-793.	0.6	6
35	Combined Alloreactive CTL Cellular Therapy with Prodrug Activator Gene Therapy in a Model of Breast Cancer Metastatic to the Brain. Clinical Cancer Research, 2013, 19, 4137-4148.	3.2	5
36	Frequent false-negative immunohistochemical staining with IDH1 (R132H)-specific H09 antibody on frozen section control slides: a potential pitfall in glioma diagnosis. Histopathology, 2019, 74, 350-354.	1.6	4

#	Article	IF	Citations
37	Eribulin prolongs survival in an orthotopic xenograft mouse model of malignant meningioma. Cancer Science, 2021, 113, 697.	1.7	4
38	Outcomes of salvage fractionated re-irradiation combined with bevacizumab for recurrent high-grade gliomas that progressed after bevacizumab treatment**. Japanese Journal of Clinical Oncology, 2021, 51, 1028-1035.	0.6	3
39	Clinical Application of Comprehensive Genomic Profiling Tests for Diffuse Gliomas. Cancers, 2022, 14, 2454.	1.7	3
40	Use of Tc-99 MIBI SPECT for Characterization of Metastatic Brain Tumors: Implications for Surgery. Clinical Nuclear Medicine, 2006, 31, 538-540.	0.7	2
41	Combined movement of multi-joint muscles activates a smaller area compared to the sum of areas activated by respective single-joint muscles after restoration of paresis. Neurocase, 2010, 16, 175-181.	0.2	1