

Toshiyuki Okumura

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

1,100
citations

394421

19
h-index

477307

29
g-index

80
all docs

80
docs citations

80
times ranked

1173
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term outcomes of proton beam therapy in patients with previously untreated hepatocellular carcinoma. <i>Cancer Science</i> , 2017, 108, 497-503.	3.9	54
2	High-dose concurrent chemo-proton therapy for Stage III NSCLC: preliminary results of a Phase II study. <i>Journal of Radiation Research</i> , 2014, 55, 959-965.	1.6	49
3	Comparison of adverse effects of proton and X-ray chemoradiotherapy for esophageal cancer using an adaptive dose-volume histogram analysis. <i>Journal of Radiation Research</i> , 2015, 56, 568-576.	1.6	48
4	Analysis of repeated proton beam therapy for patients with hepatocellular carcinoma. <i>Radiotherapy and Oncology</i> , 2017, 123, 240-245.	0.6	48
5	Proton beam therapy combined with concurrent chemotherapy for esophageal cancer. <i>Anticancer Research</i> , 2015, 35, 1757-62.	1.1	45
6	Long-term follow-up after proton beam therapy for pediatric tumors: a Japanese national survey. <i>Cancer Science</i> , 2017, 108, 444-447.	3.9	44
7	Proton beam therapy with concurrent chemotherapy for glioblastoma multiforme: comparison of nimustine hydrochloride and temozolomide. <i>Journal of Neuro-Oncology</i> , 2016, 130, 165-170.	2.9	39
8	Proton beam therapy in Japan: current and future status. <i>Japanese Journal of Clinical Oncology</i> , 2016, 46, 885-892.	1.3	38
9	Long-term survival after treatment of glioblastoma multiforme with hyperfractionated concomitant boost proton beam therapy. <i>Practical Radiation Oncology</i> , 2015, 5, e9-e16.	2.1	37
10	Outcomes and Prognostic Factors for Recurrence After High-Dose Proton Beam Therapy for Centrally and Peripherally Located Stage I Non-Small-Cell Lung Cancer. <i>Clinical Lung Cancer</i> , 2014, 15, e7-e12.	2.6	36
11	Proton beam therapy for pediatric malignancies: a retrospective observational multicenter study in Japan. <i>Cancer Medicine</i> , 2016, 5, 1519-1525.	2.8	35
12	Concurrent chemoradiotherapy using proton beams for unresectable locally advanced pancreatic cancer. <i>Radiotherapy and Oncology</i> , 2019, 136, 37-43.	0.6	34
13	A systematic review of publications on charged particle therapy for hepatocellular carcinoma. <i>International Journal of Clinical Oncology</i> , 2018, 23, 423-433.	2.2	33
14	Dose distribution resulting from changes in aeration of nasal cavity or paranasal sinus cancer in the proton therapy. <i>Radiotherapy and Oncology</i> , 2014, 113, 72-76.	0.6	30
15	Proton beam therapy for metastatic liver tumors. <i>Radiotherapy and Oncology</i> , 2015, 117, 322-327.	0.6	30
16	Proton beam therapy for pediatric ependymoma. <i>Pediatrics International</i> , 2015, 57, 567-571.	0.5	27
17	A comparative study of dose distribution of PBT, 3D-CRT and IMRT for pediatric brain tumors. <i>Radiation Oncology</i> , 2017, 12, 40.	2.7	25
18	Clinical outcomes of previously untreated patients with unresectable intrahepatic cholangiocarcinoma following proton beam therapy. <i>Radiation Oncology</i> , 2019, 14, 241.	2.7	22

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19	Proton beam therapy for liver metastases from gastric cancer. <i>Journal of Radiation Research</i> , 2017, 58, 357-362.	1.6	20
20	Preliminary results of proton radiotherapy for pediatric rhabdomyosarcoma: a multi-institutional study in Japan. <i>Cancer Medicine</i> , 2018, 7, 1870-1874.	2.8	20
21	Proton Beam Therapy for Hepatocellular Carcinoma: A Review of the University of Tsukuba Experience. <i>International Journal of Particle Therapy</i> , 2016, 2, 570-578.	1.8	20
22	Association between pretreatment retention rate of indocyanine green 15 min after administration and life prognosis in patients with HCC treated by proton beam therapy. <i>Radiotherapy and Oncology</i> , 2014, 113, 54-59.	0.6	19
23	Comparison of dose-volume histograms between proton beam and X-ray conformal radiotherapy for locally advanced non-small-cell lung cancer. <i>Journal of Radiation Research</i> , 2015, 56, 128-133.	1.6	19
24	Hyperfractionated high-dose proton beam radiotherapy for clival chordomas after surgical removal. <i>British Journal of Radiology</i> , 2016, 89, 20151051.	2.2	18
25	Registration error of the liver CT using deformable image registration of MIM Maestro and Velocity AI. <i>BMC Medical Imaging</i> , 2017, 17, 30.	2.7	18
26	Preparation of pediatric patients for treatment with proton beam therapy. <i>Radiotherapy and Oncology</i> , 2015, 114, 245-248.	0.6	16
27	Follow-up study of liver metastasis from breast cancer treated by proton beam therapy. <i>Molecular and Clinical Oncology</i> , 2017, 7, 56-60.	1.0	16
28	Radioresponse of Thymomas Verified with Histologic Response. <i>Acta Oncologica</i> , 1998, 37, 471-474.	1.8	15
29	Long-term single-institute experience with trimodal bladder-preserving therapy with proton beam therapy for muscle-invasive bladder cancer. <i>Japanese Journal of Clinical Oncology</i> , 2017, 47, 67-73.	1.3	15
30	Consensus Report From the Miami Liver Proton Therapy Conference. <i>Frontiers in Oncology</i> , 2019, 9, 457.	2.8	15
31	Proton beam therapy for hepatocellular carcinoma associated with inferior vena cava tumor thrombus. <i>Journal of Cancer Research and Clinical Oncology</i> , 2020, 146, 711-720.	2.5	15
32	Radiation Tolerance of the Liver in Relation to the Preserved Functional Capacity. <i>Acta Oncologica</i> , 1994, 33, 819-823.	1.8	11
33	A validated proton beam therapy patch-field protocol for effective treatment of large hepatocellular carcinoma. <i>Journal of Radiation Research</i> , 2018, 59, 632-638.	1.6	11
34	Proton Beam Therapy for Local Recurrence of Rectal Cancer. <i>Anticancer Research</i> , 2021, 41, 3589-3595.	1.1	11
35	Brainstem Arteriovenous Malformation with a Pedicle Aneurysm Treated by Endovascular Surgery and Proton-beam Radiosurgery – Case Report. <i>Neurologia Medico-Chirurgica</i> , 1996, 36, 716-720.	2.2	9
36	Impact of RhoA overexpression on clinical outcomes in cervical squamous cell carcinoma treated with concurrent chemoradiotherapy. <i>Journal of Radiation Research</i> , 2020, 61, 221-230.	1.6	9

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37	An Analysis of Vertebral Body Growth after Proton Beam Therapy for Pediatric Cancer. <i>Cancers</i> , 2021, 13, 349.	3.7	9
38	A retrospective study of late adverse events in proton beam therapy for prostate cancer. <i>Molecular and Clinical Oncology</i> , 2017, 7, 547-552.	1.0	8
39	Multimodality Therapy Including Proton Beam Therapy for AFP Producing Esophageal Cancer with Multiple Liver Metastases. <i>Internal Medicine</i> , 2018, 57, 2333-2339.	0.7	8
40	Long-term outcomes of high-dose (74 GyE) proton beam therapy with concurrent chemotherapy for stage III non-small-cell lung cancer. <i>Thoracic Cancer</i> , 2021, 12, 1320-1327.	1.9	8
41	Long-term outcomes of patients with unresectable benign meningioma treated with proton beam therapy. <i>Journal of Radiation Research</i> , 2021, 62, 427-437.	1.6	8
42	Proton Beam Therapy for a Patient with a Giant Thymic Carcinoid Tumor and Severe Superior Vena Cava Syndrome. <i>Rare Tumors</i> , 2014, 6, 37-39.	0.6	7
43	Proton beam therapy for locally advanced and unresectable (T4bN0M0) squamous cell carcinoma of the ethmoid sinus: A report of seven cases and a literature review. <i>Oncology Letters</i> , 2015, 10, 201-205.	1.8	7
44	Hypofractionated Proton Beam Therapy for cT1-2N0M0 Non-small Cell Lung Cancer Patients With Interstitial Lung Disease. <i>Anticancer Research</i> , 2021, 41, 5635-5642.	1.1	7
45	Light flashes during proton and photon radiotherapy: A multicenter prospective observational study. <i>Technical Innovations and Patient Support in Radiation Oncology</i> , 2021, 20, 41-45.	1.9	7
46	Risk factor of pneumonitis on dose-volume relationship for chemoradiotherapy with durvalumab: Multi-institutional research in Japan. <i>Clinical and Translational Radiation Oncology</i> , 2021, 29, 54-59.	1.7	6
47	The impact of lymphopenia during chemoradiotherapy using photons or protons on the clinical outcomes of esophageal cancer patients. <i>Journal of Radiation Research</i> , 2021, , .	1.6	6
48	Simulation study of dosimetric effect in proton beam therapy using concomitant boost technique for unresectable pancreatic cancers. <i>Japanese Journal of Radiology</i> , 2018, 36, 456-461.	2.4	5
49	Peritumoral edema status of glioblastoma identifies patients reaching long-term disease control with specific progression patterns after tumor resection and high-dose proton boost. <i>Journal of Cancer Research and Clinical Oncology</i> , 2021, 147, 3503-3516.	2.5	5
50	Olfactory Sensations During Proton and Photon Radiotherapy: A Multicenter Prospective Observational Study. <i>Cureus</i> , 2022, 14, e22964.	0.5	5
51	Hepatic tumors: Magnetization transfer MR imaging with gadolinium enhancement. <i>Journal of Magnetic Resonance Imaging</i> , 1995, 5, 273-279.	3.4	4
52	Angiographic Findings in Patients with Hepatocellular Carcinoma Previously Treated Using Proton Beam Therapy. <i>Journal of Oncology</i> , 2019, 2019, 1-7.	1.3	4
53	Transitions of Liver and Biliary Enzymes during Proton Beam Therapy for Hepatocellular Carcinoma. <i>Cancers</i> , 2020, 12, 1840.	3.7	4
54	Salvage Photon or Proton Radiotherapy for Oligo-recurrence in Regional Lymph Nodes After Surgery for Non-small Cell Lung Cancer. <i>In Vivo</i> , 2020, 34, 1883-1892.	1.3	4

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55	Large Malignant Fibrous Histiocytoma Treated with Hypofractionated Proton Beam Therapy and Local Hyperthermia. <i>International Journal of Particle Therapy</i> , 2019, 6, 35-41.	1.8	4
56	Post-therapeutic needle biopsy in patients with hepatocellular carcinoma is a useful tool to evaluate response to proton irradiation. <i>Hepatology Research</i> , 2014, 44, 403-409.	3.4	3
57	Normal liver tissue change after proton beam therapy. <i>Japanese Journal of Radiology</i> , 2018, 36, 559-565.	2.4	3
58	Selection Criteria and Clinical Outcomes of Patients With Asymmetrical Cervical Cancer Treated With Various High-dose-rate Brachytherapy Techniques. <i>Anticancer Research</i> , 2020, 40, 999-1006.	1.1	3
59	Acute toxicity and patient-reported symptom score after conventional versus moderately hypofractionated proton therapy for prostate cancer. <i>Journal of Medical Radiation Sciences</i> , 2022, 69, 198-207.	1.5	3
60	Abnormal sensation during total body irradiation: a prospective observational study. <i>Journal of Radiation Research</i> , 0, , .	1.6	3
61	Indicator for local recurrence of hepatocellular carcinoma after proton beam therapy: analysis of attenuation difference between the irradiated tumor and liver parenchyma on contrast enhancement CT. <i>British Journal of Radiology</i> , 2020, 93, 20190375.	2.2	2
62	Proton beam therapy for a giant hepatic hemangioma: A case report and literature review. <i>Clinical and Translational Radiation Oncology</i> , 2021, 27, 152-156.	1.7	2
63	Long-term follow up of a patient with a recurrent desmoid tumor that was successfully treated with proton beam therapy: A case report and literature review. <i>Clinical and Translational Radiation Oncology</i> , 2021, 27, 32-35.	1.7	2
64	Long-term clinical outcomes of patients receiving proton beam therapy for caudate lobe hepatocellular carcinoma. <i>Journal of Radiation Research</i> , 2021, 62, 682-687.	1.6	2
65	Risk factors for venous thromboembolism induced by prolonged bed rest during interstitial brachytherapy for gynecological cancer: a retrospective study. <i>Radiation Oncology</i> , 2021, 16, 121.	2.7	2
66	A Case Report of Radiotherapy for Skull Lesions of Langerhans Cell Histiocytosis With Dural Invasion. <i>Cancer Diagnosis & Prognosis</i> , 2022, 2, 258-262.	0.7	2
67	Proton beam therapy for liver metastasis from breast cancer: five case reports and a review of the literature. <i>International Cancer Conference Journal</i> , 2012, 1, 210-214.	0.5	1
68	Particle Beam Therapy: Proton Beam Therapy and Carbon Ion Radiotherapy. <i>Japanese Journal of Lung Cancer</i> , 2014, 54, 917-925.	0.1	1
69	Radiation Therapy for Grade 3 Gliomas: Correlation of MRI Findings With Prognosis. <i>Cureus</i> , 2021, 13, e16887.	0.5	1
70	Particle Beam Therapy. <i>Japanese Journal of Lung Cancer</i> , 2015, 55, 924-931.	0.1	1
71	Three cases of hepatocellular carcinoma treated 4½ times with proton beams. <i>Molecular and Clinical Oncology</i> , 2020, 12, 31-35.	1.0	1
72	Analysis of diaphragm movements to specify geometric uncertainties of respiratory gating near end-exhalation for irradiation fields involving the liver dome. <i>Radiotherapy and Oncology</i> , 2022, 171, 146-154.	0.6	1

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73	Aggressive proton beam therapy followed by liver transplantation for a patient with large HCC with portal vein tumor thrombus. <i>International Cancer Conference Journal</i> , 2013, 2, 41-44.	0.5	0
74	Impact of pre-brachytherapy magnetic resonance imaging on dose-volume histogram of locally advanced cervical cancer patients treated with radiotherapy including high-dose-rate brachytherapy. <i>Journal of Contemporary Brachytherapy</i> , 2021, 13, 32-38.	0.9	0
75	Photon or Proton Therapy for Adolescent and Young Adult Tumors Focused on Long-Term Survivors. <i>Cureus</i> , 2021, 13, e14627.	0.5	0
76	Key considerations in reviewing a comparison of the outcomes between surgical resection and proton beam therapy for single primary hepatocellular carcinoma—the importance of scientific objective perspectives in clinical studies. <i>Surgery Today</i> , 2020, 50, 944-945.	1.5	0
77	Capacity of proton beams in preserving normal liver tissue during proton beam therapy for hepatocellular carcinoma. <i>Journal of Radiation Research</i> , 2021, 62, 133-141.	1.6	0
78	Re-irradiation with interstitial brachytherapy in uterine cancer patients with vaginal recurrence after post-operative pelvic irradiation. <i>Journal of Contemporary Brachytherapy</i> , 2022, 14, 60-65.	0.9	0