Masashi Mizumoto

List of Publications by Year
in descending order

117	3,130	136740	182168
papers	citations	32 h-index	51 g-index

119	119	119	2614
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Prospective Study of Hypofractionated Proton Beam Therapy for Patients With Hepatocellular Carcinoma. International Journal of Radiation Oncology Biology Physics, 2009, 74, 831-836.	0.4	196
2	Proton Beam Therapy for Hepatocellular Carcinoma: A Comparison of Three Treatment Protocols. International Journal of Radiation Oncology Biology Physics, 2011, 81, 1039-1045.	0.4	148
3	Hypofractionated High-Dose Proton Beam Therapy for Stage I Nonâ€“Small-Cell Lung Cancer: Preliminary Results of A Phase I/II Clinical Study. International Journal of Radiation Oncology Biology Physics, 2007, 68, 786-793.	0.4	124
4	Proton Beam Therapy for Large Hepatocellular Carcinoma. International Journal of Radiation Oncology Biology Physics, 2010, 76, 460-466.	0.4	124
5	Proton beam therapy for hepatocellular carcinoma. Cancer, 2009, 115, 5499-5506.	2.0	122
6	Proton-Beam Therapy for Hepatocellular Carcinoma Associated with Portal Vein Tumor Thrombosis*. Strahlentherapie Und Onkologie, 2009, 185, 782-788.	1.0	109
7	Radiotherapy for Patients With Metastases to the Spinal Column: A Review of 603 Patients at Shizuoka Cancer Center Hospital. International Journal of Radiation Oncology Biology Physics, 2011, 79, 208-213.	0.4	99
8	Proton Beam Therapy for Hepatocellular Carcinoma Adjacent to the Porta Hepatis. International Journal of Radiation Oncology Biology Physics, 2008, 71, 462-467.	0.4	89
9	Phase I/II Trial of Hyperfractionated Concomitant Boost Proton Radiotherapy for Supratentorial Glioblastoma Multiforme. International Journal of Radiation Oncology Biology Physics, 2010, 77, 98-105.	0.4	87
10	Palliative radiotherapy for bleeding from advanced gastric cancer: is a schedule of 30ÂGy in 10 fractions adequate?. Journal of Cancer Research and Clinical Oncology, 2011, 137, 125-130.	1.2	85
11	Analysis of doseâ€“volume histogram parameters for radiation pneumonitis after definitive concurrent chemoradiotherapy for esophageal cancer. Radiotherapy and Oncology, 2010, 95, 240-244.	0.3	66
12	Evaluation of Liver Function After Proton Beam Therapy for Hepatocellular Carcinoma. International Journal of Radiation Oncology Biology Physics, 2012, 82, e529-e535.	0.4	64
13	Clinical Results of Proton-Beam Therapy for Locoregionally Advanced Esophageal Cancer. Strahlentherapie Und Onkologie, 2010, 186, 482-488.	1.0	59
14	Proton Beam Therapy for Aged Patients With Hepatocellular Carcinoma. International Journal of Radiation Oncology Biology Physics, 2007, 69, 805-812.	0.4	56
15	Prognostic factors and a scoring system for survival after radiotherapy for metastases to the spinal column. Cancer, 2008, 113, 2816-2822.	2.0	56
16	Longâ€term outcomes of proton beam therapy in patients with previously untreated hepatocellular carcinoma. Cancer Science, 2017, 108, 497-503.	1.7	54
17	Results of Proton Beam Therapy without Concurrent Chemotherapy for Patients with Unresectable Stage III Non-small Cell Lung Cancer. Journal of Thoracic Oncology, 2012, 7, 370-375.	0.5	51
18	High-dose concurrent chemo-proton therapy for Stage III NSCLC: preliminary results of a Phase II study. Journal of Radiation Research, 2014, 55, 959-965.	0.8	49

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19	Comparison of adverse effects of proton and X-ray chemoradiotherapy for esophageal cancer using an adaptive doseâ€“volume histogram analysis. Journal of Radiation Research, 2015, 56, 568-576.	0.8	48
20	Analysis of repeated proton beam therapy for patients with hepatocellular carcinoma. Radiotherapy and Oncology, 2017, 123, 240-245.	0.3	48
21	Proton Beam Therapy for Pediatric Brain Tumor. Neurologia Medico-Chirurgica, 2017, 57, 343-355.	1.0	46
22	Proton beam therapy combined with concurrent chemotherapy for esophageal cancer. Anticancer Research, 2015, 35, 1757-62.	0.5	45
23	Longâ€term followâ€up after proton beam therapy for pediatric tumors: a Japanese national survey. Cancer Science, 2017, 108, 444-447.	1.7	44
24	Outcome of T4 (International Union Against Cancer Staging System, 7th edition) or Recurrent Nasal Cavity and Paranasal Sinus Carcinoma Treated With Proton Beam. International Journal of Radiation Oncology Biology Physics, 2012, 83, 704-711.	0.4	42
25	Proton beam therapy for unresectable intrahepatic cholangiocarcinoma. Journal of Gastroenterology and Hepatology (Australia), 2015, 30, 957-963.	1.4	42
26	Radiotherapy for Patients with Symptomatic Intramedullary Spinal Cord Metastasis. Journal of Radiation Research, 2011, 52, 641-645.	0.8	39
27	Proton beam therapy with concurrent chemotherapy for glioblastoma multiforme: comparison of nimustine hydrochloride and temozolomide. Journal of Neuro-Oncology, 2016, 130, 165-170.	1.4	39
28	Proton beam therapy for bone sarcomas of the skull base and spine: A retrospective nationwide multicenter study in Japan. Cancer Science, 2017, 108, 972-977.	1.7	39
29	Long-term survival after treatment of glioblastoma multiforme with hyperfractionated concomitant boost proton beam therapy. Practical Radiation Oncology, 2015, 5, e9-e16.	1.1	37
30	Outcomes and Prognostic Factors for Recurrence After High-Dose Proton Beam Therapy for Centrally and Peripherally Located Stage I Nonâ€“Small-Cell Lung Cancer. Clinical Lung Cancer, 2014, 15, e7-e12.	1.1	36
31	Phase II study of proton beam therapy as a nonsurgical approach for mucosal melanoma of the nasal cavity or para-nasal sinuses. Radiotherapy and Oncology, 2016, 118, 267-271.	0.3	36
32	Proton beam therapy for pediatric malignancies: aÂretrospective observational multicenter study in <scp>J</scp>apan. Cancer Medicine, 2016, 5, 1519-1525.	1.3	35
33	Clinical results of proton beam therapy for advanced neuroblastoma. Radiation Oncology, 2013, 8, 142.	1.2	34
34	Frequency and characteristics of docetaxel-induced radiation recall phenomenon. International Journal of Radiation Oncology Biology Physics, 2006, 66, 1187-1191.	0.4	33
35	A systematic review of publications on charged particle therapy for hepatocellular carcinoma. International Journal of Clinical Oncology, 2018, 23, 423-433.	1.0	33
36	Dose-volume histogram analysis for risk factors of radiation-induced rib fracture after hypofractionated proton beam therapy for hepatocellular carcinoma. Acta OncolÃ³gica, 2013, 52, 538-544.	0.8	30

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37	Dose distribution resulting from changes in aeration of nasal cavity or paranasal sinus cancer in the proton therapy. Radiotherapy and Oncology, 2014, 113, 72-76.	0.3	30
38	Proton beam therapy for metastatic liver tumors. Radiotherapy and Oncology, 2015, 117, 322-327.	0.3	30
39	A phase I study on combined therapy with proton-beam radiotherapy and in situ tumor vaccination for locally advanced recurrent hepatocellular carcinoma. Radiation Oncology, 2013, 8, 239.	1.2	28
40	Hyperfractionated Concomitant Boost Proton Beam Therapy for Esophageal Carcinoma. International Journal of Radiation Oncology Biology Physics, 2011, 81, e601-e606.	0.4	27
41	Proton beam therapy for pediatric ependymoma. Pediatrics International, 2015, 57, 567-571.	0.2	27
42	Neuroendoscopy Followed by Radiotherapy in Cystic Craniopharyngiomasâ€”a Long-Term Follow-Up. World Neurosurgery, 2015, 84, 1305-1315.e2.	0.7	26
43	A comparative study of dose distribution of PBT, 3D-CRT and IMRT for pediatric brain tumors. Radiation Oncology, 2017, 12, 40.	1.2	25
44	Lifetime attributable risk of radiation-induced secondary cancer from proton beam therapy compared with that of intensity-modulated X-ray therapy in randomly sampled pediatric cancer patients. Journal of Radiation Research, 2017, 58, 363-371.	0.8	25
45	Clinical outcomes of previously untreated patients with unresectable intrahepatic cholangiocarcinoma following proton beam therapy. Radiation Oncology, 2019, 14, 241.	1.2	22
46	Proton Beam Therapy for Hepatocellular Carcinoma with Inferior Vena Cava Tumor Thrombus: Report of Three Cases. Japanese Journal of Clinical Oncology, 2007, 37, 459-462.	0.6	21
47	Proton beam therapy for liver metastases from gastric cancer. Journal of Radiation Research, 2017, 58, 357-362.	0.8	20
48	Preliminary results of proton radiotherapy for pediatric rhabdomyosarcoma: a multiâ€institutional study in Japan. Cancer Medicine, 2018, 7, 1870-1874.	1.3	20
49	Proton Beam Therapy for Hepatocellular Carcinoma: A Review of the University of Tsukuba Experience. International Journal of Particle Therapy, 2016, 2, 570-578.	0.9	20
50	Association between pretreatment retention rate of indocyanine green 15 min after administration and life prognosis in patients with HCC treated by proton beam therapy. Radiotherapy and Oncology, 2014, 113, 54-59.	0.3	19
51	Comparison of dose-volume histograms between proton beam and X-ray conformal radiotherapy for locally advanced non-small-cell lung cancer. Journal of Radiation Research, 2015, 56, 128-133.	0.8	19
52	Investigation of the Geometric Accuracy of Proton Beam Irradiation in the Liver. International Journal of Radiation Oncology Biology Physics, 2012, 82, 826-833.	0.4	18
53	Hyperfractionated high-dose proton beam radiotherapy for clival chordomas after surgical removal. British Journal of Radiology, 2016, 89, 20151051.	1.0	18
54	Comorbidity and quality of life in childhood cancer survivors treated with proton beam therapy. Pediatrics International, 2017, 59, 1039-1045.	0.2	18

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55	Registration error of the liver CT using deformable image registration of MIM Maestro and Velocity AI. BMC Medical Imaging, 2017, 17, 30.	1.4	18
56	Preparation of pediatric patients for treatment with proton beam therapy. Radiotherapy and Oncology, 2015, 114, 245-248.	0.3	16
57	Follow-up study of liver metastasis from breast cancer treated by proton beam therapy. Molecular and Clinical Oncology, 2017, 7, 56-60.	0.4	16
58	Proton beam therapy for children and adolescents and young adults (AYAs): JASTRO and JSPHO Guidelines. Cancer Treatment Reviews, 2021, 98, 102209.	3.4	16
59	Tailor-made treatment combined with proton beam therapy for children with genitourinary/pelvic rhabdomyosarcoma. Reports of Practical Oncology and Radiotherapy, 2015, 20, 217-222.	0.3	15
60	Proton beam therapy for hepatocellular carcinoma associated with inferior vena cava tumor thrombus. Journal of Cancer Research and Clinical Oncology, 2020, 146, 711-720.	1.2	15
61	Technical Considerations for Noncoplanar Proton-Beam Therapy of Patients with Tumors Proximal to the Optic Nerve. Strahlentherapie Und Onkologie, 2010, 186, 36-39.	1.0	14
62	Prognostic analysis of patients who underwent gross total resection of newly diagnosed glioblastoma. Journal of Clinical Neuroscience, 2018, 50, 172-176.	0.8	14
63	Pediatric nasopharyngeal carcinoma treated with proton beam therapy. Two case reports. Acta OncolÃ³gica, 2011, 50, 470-473.	0.8	13
64	Displacement of hepatic tumor at time to exposure in end-expiratory-triggered-pulse proton therapy. Radiotherapy and Oncology, 2011, 99, 124-130.	0.3	12
65	Reproducibility of image quality for moving objects using respiratory-gated computed tomography: a study using a phantom model. Journal of Radiation Research, 2012, 53, 945-953.	0.8	11
66	Proton beam therapy for malignancy in Bloom syndrome. Strahlentherapie Und Onkologie, 2013, 189, 335-338.	1.0	11
67	Proton Beam Therapy for Local Recurrence of Rectal Cancer. Anticancer Research, 2021, 41, 3589-3595.	0.5	11
68	Proton therapy for newly diagnosed pediatric diffuse intrinsic pontine glioma. Child's Nervous System, 2020, 36, 507-512.	0.6	10
69	Proton beam therapy for a patient with large rhabdomyosarcoma of the body trunk. Italian Journal of Pediatrics, 2015, 41, 90.	1.0	9
70	An Analysis of Vertebral Body Growth after Proton Beam Therapy for Pediatric Cancer. Cancers, 2021, 13, 349.	1.7	9
71	Metastatic rectal adenocarcinoma in the mandibular gingiva: a case report. World Journal of Surgical Oncology, 2016, 14, 199.	0.8	8
72	A retrospective study of late adverse events in proton beam therapy for prostate cancer. Molecular and Clinical Oncology, 2017, 7, 547-552.	0.4	8

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73	Interinstitutional patient transfers between rapid chemotherapy cycles were feasible to utilize proton beam therapy for pediatric Ewing sarcoma family of tumors. Reports of Practical Oncology and Radiotherapy, 2018, 23, 442-450.	0.3	8
74	Spinal changes after craniospinal irradiation in pediatric patients. Pediatric Blood and Cancer, 2020, 67, e28728.	0.8	8
75	Long-term outcomes of patients with unresectable benign meningioma treated with proton beam therapy. Journal of Radiation Research, 2021, 62, 427-437.	0.8	8
76	Proton beam therapy for unresectable hepatoblastoma in children: Survival in one case. Acta OncolÃ³gica, 2013, 52, 600-603.	0.8	7
77	Proton Beam Therapy for a Patient with a Giant Thymic Carcinoid Tumor and Severe Superior Vena Cava Syndrome. Rare Tumors, 2014, 6, 37-39.	0.3	7
78	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. Oncology Letters, 2015, 10, 201-205.	0.8	7
79	Height after photon craniospinal irradiation in pediatric patients treated for central nervous system embryonal tumors. Pediatric Blood and Cancer, 2020, 67, e28617.	0.8	7
80	Maximum resection and immunotherapy improve glioblastoma patient survival: a retrospective single-institution prognostic analysis. BMC Neurology, 2021, 21, 282.	0.8	7
81	Hypofractionated Proton Beam Therapy for cT1-2N0M0 Non-small Cell Lung Cancer Patients With Interstitial Lung Disease. Anticancer Research, 2021, 41, 5635-5642.	0.5	7
82	Light flashes during proton and photon radiotherapy: A multicenter prospective observational study. Technical Innovations and Patient Support in Radiation Oncology, 2021, 20, 41-45.	0.6	7
83	Risk factor of pneumonitis on dose-volume relationship for chemoradiotherapy with durvalumab: Multi-institutional research in Japan. Clinical and Translational Radiation Oncology, 2021, 29, 54-59.	0.9	6
84	The impact of lymphopenia during chemoradiotherapy using photons or protons on the clinical outcomes of esophageal cancer patients. Journal of Radiation Research, 2021, , .	0.8	6
85	Improvement of Long-term Results with Neoadjuvant Chemotherapy andÂRadiotherapy for Central Nervous System Germinoma. World Neurosurgery, 2015, 84, 846-854.	0.7	5
86	Patient Transfer to Receive Proton Beam Therapy During Intensive Multimodal Therapy is Safe and Feasible for Patients With Newly Diagnosed High-risk Neuroblastoma. Journal of Pediatric Hematology/Oncology, 2020, 42, e18-e24.	0.3	5
87	Peritumoral edema status of glioblastoma identifies patients reaching long-term disease control with specific progression patterns after tumor resection and high-dose proton boost. Journal of Cancer Research and Clinical Oncology, 2021, 147, 3503-3516.	1.2	5
88	Olfactory Sensations During Proton and Photon Radiotherapy: A Multicenter Prospective Observational Study. Cureus, 2022, 14, e22964.	0.2	5
89	Proton beam therapy for renal pelvis and ureter cancer: A report of 5 cases and a literature review. Molecular and Clinical Oncology, 2019, 11, 24-30.	0.4	4
90	Transitions of Liver and Biliary Enzymes during Proton Beam Therapy for Hepatocellular Carcinoma. Cancers, 2020, 12, 1840.	1.7	4

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91	Large Malignant Fibrous Histiocytoma Treated with Hypofractionated Proton Beam Therapy and Local Hyperthermia. International Journal of Particle Therapy, 2019, 6, 35-41.	0.9	4
92	Multimodality Treatment for Cerebral Arteriovenous Malformations. Neurologia Medico-Chirurgica, 2012, 52, 859-864.	1.0	3
93	Acute toxicity and patientâ€reported symptom score after conventional versus moderately hypofractionated proton therapy for prostate cancer. Journal of Medical Radiation Sciences, 2022, 69, 198-207.	0.8	3
94	Re-irradiation using proton therapy for radiation-induced secondary cancer with Li-Fraumeni syndrome: A case report and review of literature. Journal of Cancer Research and Therapeutics, 2020, 16, 1524.	0.3	3
95	Cognitive Functions of Pediatric Brain Tumor Survivors Treated With Proton Beam Therapy: A Case Series. Journal of Pediatric Hematology/Oncology, 2021, 43, e1205-e1209.	0.3	3
96	Abnormal sensation during total body irradiation: a prospective observational study. Journal of Radiation Research, 0, , .	0.8	3
97	Urgent Proton Beam Therapy With Interinstitutional Transfer for Patients With Intracranial Rhabdomyosarcoma: Report of 3 Cases. Journal of Pediatric Hematology/Oncology, 2020, 42, e12-e17.	0.3	2
98	Proton beam therapy for a giant hepatic hemangioma: A case report and literature review. Clinical and Translational Radiation Oncology, 2021, 27, 152-156.	0.9	2
99	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. Clinical and Translational Radiation Oncology, 2021, 27, 32-35.	0.9	2
100	Long-term clinical outcomes of patients receiving proton beam therapy for caudate lobe hepatocellular carcinoma. Journal of Radiation Research, 2021, 62, 682-687.	0.8	2
101	Proton beam therapy for liver metastasis from breast cancer: five case reports and a review of the literature. International Cancer Conference Journal, 2012, 1, 210-214.	0.2	1
102	Verification of beam delivery using fibrosis after proton beam irradiation to the lung tumor. Lung Cancer, 2012, 77, 83-88.	0.9	1
103	Particle Beam Therapy: Proton Beam Therapy and Carbon Ion Radiotherapy. Japanese Journal of Lung Cancer, 2014, 54, 917-925.	0.0	1
104	Radiation Therapy for Grade 3 Gliomas: Correlation of MRI Findings With Prognosis. Cureus, 2021, 13, e16887.	0.2	1
105	Particle Beam Therapy. Japanese Journal of Lung Cancer, 2015, 55, 924-931.	0.0	1
106	Three cases of hepatocellular carcinoma treated 4ï¿½times with proton beams. Molecular and Clinical Oncology, 2020, 12, 31-35.	0.4	1
107	Proton beam therapy with concurrent chemotherapy is feasible in children with newly diagnosed rhabdomyosarcoma. Reports of Practical Oncology and Radiotherapy, 2021, 26, 616-625.	0.3	1
108	Aggressive proton beam therapy followed by liver transplantation for a patient with large HCC with portal vein tumor thrombus. International Cancer Conference Journal, 2013, 2, 41-44.	0.2	0

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109	Prediction error and required internal margin provided for irregular respiratory movements: a phantom study. Japanese Journal of Radiology, 2015, 33, 303-310.	1.0	0
110	RT-02 POTENTIAL OF PROTON BEAM THERAPY FOR THE TREATMENT OF GLIOBLASTOMA. Neuro-Oncology Advances, 2019, 1, ii21-ii21.	0.4	0
111	Particle Beam Radiotherapy. , 2021, , 121-138.		0
112	Photon or Proton Therapy for Adolescent and Young Adult Tumors Focused on Long-Term Survivors. Cureus, 2021, 13, e14627.	0.2	0
113	Significance of indocyanine green test in radiotherapy for hepatocellular carcinoma. Translational Cancer Research, 2019, 8, 14-16.	0.4	0
114	GCT-38. RELAPSE PATTERNS OF INTRACRANIAL GERMINOMAS BEFORE AND AFTER ENDOSCOPIC ERA. Neuro-Oncology, 2020, 22, iii335-iii335.	0.6	0
115	A Recurrent Solitary Fibrous Tumor With an Exceptional Response to Low-Dose Radiotherapy: A Case Report and Literature Review. Cureus, 2022, 14, e21199.	0.2	0
116	RT-4 Treatment outcome of proton beam therapy for glioblastoma. Neuro-Oncology Advances, 2021, 3, vi15-vi15.	0.4	0
117	Proton Beam Therapy for Multifocal Hepatocellular Carcinoma (HCC) Showing Complete Response in Pathological Anatomy After Liver Transplantation. Cureus, 2022, , .	0.2	0