

# Masashi Mizumoto

## List of Publications by Year in descending order

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Version: 2024-02-01

117  
papers

3,130  
citations

136950

32  
h-index

182427

51  
g-index

119  
all docs

119  
docs citations

119  
times ranked

2614  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	A Recurrent Solitary Fibrous Tumor With an Exceptional Response to Low-Dose Radiotherapy: A Case Report and Literature Review. <i>Cureus</i> , 2022, 14, e21199.	0.5	0
3	Olfactory Sensations During Proton and Photon Radiotherapy: A Multicenter Prospective Observational Study. <i>Cureus</i> , 2022, 14, e22964.	0.5	5
4	Proton Beam Therapy for Multifocal Hepatocellular Carcinoma (HCC) Showing Complete Response in Pathological Anatomy After Liver Transplantation. <i>Cureus</i> , 2022, , .	0.5	0
5	Particle Beam Radiotherapy. , 2021, , 121-138.		0
6	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
7	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
8	Photon or Proton Therapy for Adolescent and Young Adult Tumors Focused on Long-Term Survivors. <i>Cureus</i> , 2021, 13, e14627.	0.5	0
9	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
10	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
11	Proton beam therapy for children and adolescents and young adults (AYAs): JASTRO and JSPHO Guidelines. <i>Cancer Treatment Reviews</i> , 2021, 98, 102209.	7.7	16
12	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
13	Maximum resection and immunotherapy improve glioblastoma patient survival: a retrospective single-institution prognostic analysis. <i>BMC Neurology</i> , 2021, 21, 282.	1.8	7
14	Proton Beam Therapy for Local Recurrence of Rectal Cancer. <i>Anticancer Research</i> , 2021, 41, 3589-3595.	1.1	11
15	Radiation Therapy for Grade 3 Gliomas: Correlation of MRI Findings With Prognosis. <i>Cureus</i> , 2021, 13, e16887.	0.5	1
16	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
17	An Analysis of Vertebral Body Growth after Proton Beam Therapy for Pediatric Cancer. <i>Cancers</i> , 2021, 13, 349.	3.7	9
18	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

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19	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
20	Proton beam therapy with concurrent chemotherapy is feasible in children with newly diagnosed rhabdomyosarcoma. <i>Reports of Practical Oncology and Radiotherapy</i> , 2021, 26, 616-625.	0.6	1
21	Cognitive Functions of Pediatric Brain Tumor Survivors Treated With Proton Beam Therapy: A Case Series. <i>Journal of Pediatric Hematology/Oncology</i> , 2021, 43, e1205-e1209.	0.6	3
22	RT-4 Treatment outcome of proton beam therapy for glioblastoma. <i>Neuro-Oncology Advances</i> , 2021, 3, vi15-vi15.	0.7	0
23	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
24	Proton therapy for newly diagnosed pediatric diffuse intrinsic pontine glioma. <i>Child's Nervous System</i> , 2020, 36, 507-512.	1.1	10
25	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
26	Patient Transfer to Receive Proton Beam Therapy During Intensive Multimodal Therapy is Safe and Feasible for Patients With Newly Diagnosed High-risk Neuroblastoma. <i>Journal of Pediatric Hematology/Oncology</i> , 2020, 42, e18-e24.	0.6	5
27	Urgent Proton Beam Therapy With Interinstitutional Transfer for Patients With Intracranial Rhabdomyosarcoma: Report of 3 Cases. <i>Journal of Pediatric Hematology/Oncology</i> , 2020, 42, e12-e17.	0.6	2
28	Spinal changes after craniospinal irradiation in pediatric patients. <i>Pediatric Blood and Cancer</i> , 2020, 67, e28728.	1.5	8
29	Transitions of Liver and Biliary Enzymes during Proton Beam Therapy for Hepatocellular Carcinoma. <i>Cancers</i> , 2020, 12, 1840.	3.7	4
30	Height after photon craniospinal irradiation in pediatric patients treated for central nervous system embryonal tumors. <i>Pediatric Blood and Cancer</i> , 2020, 67, e28617.	1.5	7
31	Three cases of hepatocellular carcinoma treated 4½ times with proton beams. <i>Molecular and Clinical Oncology</i> , 2020, 12, 31-35.	1.0	1
32	GCT-38. RELAPSE PATTERNS OF INTRACRANIAL GERMINOMAS BEFORE AND AFTER ENDOSCOPIC ERA. <i>Neuro-Oncology</i> , 2020, 22, iii335-iii335.	1.2	0
33	Re-irradiation using proton therapy for radiation-induced secondary cancer with Li-Fraumeni syndrome: A case report and review of literature. <i>Journal of Cancer Research and Therapeutics</i> , 2020, 16, 1524.	0.9	3
34	Proton beam therapy for renal pelvis and ureter cancer: A report of 5 cases and a literature review. <i>Molecular and Clinical Oncology</i> , 2019, 11, 24-30.	1.0	4
35	RT-02 POTENTIAL OF PROTON BEAM THERAPY FOR THE TREATMENT OF GLIOBLASTOMA. <i>Neuro-Oncology Advances</i> , 2019, 1, ii21-ii21.	0.7	0
36	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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37	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
38	Significance of indocyanine green test in radiotherapy for hepatocellular carcinoma. <i>Translational Cancer Research</i> , 2019, 8, 14-16.	1.0	0
39	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
40	Prognostic analysis of patients who underwent gross total resection of newly diagnosed glioblastoma. <i>Journal of Clinical Neuroscience</i> , 2018, 50, 172-176.	1.5	14
41	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
42	Interinstitutional patient transfers between rapid chemotherapy cycles were feasible to utilize proton beam therapy for pediatric Ewing sarcoma family of tumors. <i>Reports of Practical Oncology and Radiotherapy</i> , 2018, 23, 442-450.	0.6	8
43	Proton beam therapy for liver metastases from gastric cancer. <i>Journal of Radiation Research</i> , 2017, 58, 357-362.	1.6	20
44	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
45	Proton beam therapy for bone sarcomas of the skull base and spine: A retrospective nationwide multicenter study in Japan. <i>Cancer Science</i> , 2017, 108, 972-977.	3.9	39
46	Comorbidity and quality of life in childhood cancer survivors treated with proton beam therapy. <i>Pediatrics International</i> , 2017, 59, 1039-1045.	0.5	18
47	Analysis of repeated proton beam therapy for patients with hepatocellular carcinoma. <i>Radiotherapy and Oncology</i> , 2017, 123, 240-245.	0.6	48
48	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
49	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
50	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
51	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
52	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
53	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. <i>Journal of Radiation Research</i> , 2017, 58, 363-371.	1.6	25
54	Proton Beam Therapy for Pediatric Brain Tumor. <i>Neurologia Medico-Chirurgica</i> , 2017, 57, 343-355.	2.2	46

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55	Metastatic rectal adenocarcinoma in the mandibular gingiva: a case report. <i>World Journal of Surgical Oncology</i> , 2016, 14, 199.	1.9	8
56	Phase II study of proton beam therapy as a nonsurgical approach for mucosal melanoma of the nasal cavity or para-nasal sinuses. <i>Radiotherapy and Oncology</i> , 2016, 118, 267-271.	0.6	36
57	Proton beam therapy for pediatric malignancies: a retrospective observational multicenter study in Japan. <i>Cancer Medicine</i> , 2016, 5, 1519-1525.	2.8	35
58	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
59	Hyperfractionated high-dose proton beam radiotherapy for clival chordomas after surgical removal. <i>British Journal of Radiology</i> , 2016, 89, 20151051.	2.2	18
60	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
61	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
62	Proton beam therapy for a patient with large rhabdomyosarcoma of the body trunk. <i>Italian Journal of Pediatrics</i> , 2015, 41, 90.	2.6	9
63	Proton beam therapy for pediatric ependymoma. <i>Pediatrics International</i> , 2015, 57, 567-571.	0.5	27
64	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
65	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
66	Improvement of Long-term Results with Neoadjuvant Chemotherapy and Radiotherapy for Central Nervous System Germinoma. <i>World Neurosurgery</i> , 2015, 84, 846-854.	1.3	5
67	Neuroendoscopy Followed by Radiotherapy in Cystic Craniopharyngiomas: a Long-Term Follow-Up. <i>World Neurosurgery</i> , 2015, 84, 1305-1315.e2.	1.3	26
68	Preparation of pediatric patients for treatment with proton beam therapy. <i>Radiotherapy and Oncology</i> , 2015, 114, 245-248.	0.6	16
69	Prediction error and required internal margin provided for irregular respiratory movements: a phantom study. <i>Japanese Journal of Radiology</i> , 2015, 33, 303-310.	2.4	0
70	Tailor-made treatment combined with proton beam therapy for children with genitourinary/pelvic rhabdomyosarcoma. <i>Reports of Practical Oncology and Radiotherapy</i> , 2015, 20, 217-222.	0.6	15
71	Proton beam therapy for unresectable intrahepatic cholangiocarcinoma. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2015, 30, 957-963.	2.8	42
72	Proton beam therapy for metastatic liver tumors. <i>Radiotherapy and Oncology</i> , 2015, 117, 322-327.	0.6	30

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73	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
74	Particle Beam Therapy. <i>Japanese Journal of Lung Cancer</i> , 2015, 55, 924-931.	0.1	1
75	Proton beam therapy combined with concurrent chemotherapy for esophageal cancer. <i>Anticancer Research</i> , 2015, 35, 1757-62.	1.1	45
76	Particle Beam Therapy: Proton Beam Therapy and Carbon Ion Radiotherapy. <i>Japanese Journal of Lung Cancer</i> , 2014, 54, 917-925.	0.1	1
77	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
78	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
79	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
80	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
81	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
82	Clinical results of proton beam therapy for advanced neuroblastoma. <i>Radiation Oncology</i> , 2013, 8, 142.	2.7	34
83	Proton beam therapy for malignancy in Bloom syndrome. <i>Strahlentherapie Und Onkologie</i> , 2013, 189, 335-338.	2.0	11
84	A phase I study on combined therapy with proton-beam radiotherapy and in situ tumor vaccination for locally advanced recurrent hepatocellular carcinoma. <i>Radiation Oncology</i> , 2013, 8, 239.	2.7	28
85	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
86	Dose-volume histogram analysis for risk factors of radiation-induced rib fracture after hypofractionated proton beam therapy for hepatocellular carcinoma. <i>Acta Oncologica</i> , 2013, 52, 538-544.	1.8	30
87	Proton beam therapy for unresectable hepatoblastoma in children: Survival in one case. <i>Acta Oncologica</i> , 2013, 52, 600-603.	1.8	7
88	Reproducibility of image quality for moving objects using respiratory-gated computed tomography: a study using a phantom model. <i>Journal of Radiation Research</i> , 2012, 53, 945-953.	1.6	11
89	Multimodality Treatment for Cerebral Arteriovenous Malformations. <i>Neurologia Medico-Chirurgica</i> , 2012, 52, 859-864.	2.2	3
90	Results of Proton Beam Therapy without Concurrent Chemotherapy for Patients with Unresectable Stage III Non-small Cell Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2012, 7, 370-375.	1.1	51

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91	Investigation of the Geometric Accuracy of Proton Beam Irradiation in the Liver. International Journal of Radiation Oncology Biology Physics, 2012, 82, 826-833.	0.8	18
92	Evaluation of Liver Function After Proton Beam Therapy for Hepatocellular Carcinoma. International Journal of Radiation Oncology Biology Physics, 2012, 82, e529-e535.	0.8	64
93	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.	0.8	42
94	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.	0.5	1
95	Verification of beam delivery using fibrosis after proton beam irradiation to the lung tumor. Lung Cancer, 2012, 77, 83-88.	2.0	1
96	Pediatric nasopharyngeal carcinoma treated with proton beam therapy. Two case reports. Acta Oncologica, 2011, 50, 470-473.	1.8	13
97	Displacement of hepatic tumor at time to exposure in end-expiratory-triggered-pulse proton therapy. Radiotherapy and Oncology, 2011, 99, 124-130.	0.6	12
98	Proton Beam Therapy for Hepatocellular Carcinoma: A Comparison of Three Treatment Protocols. International Journal of Radiation Oncology Biology Physics, 2011, 81, 1039-1045.	0.8	148
99	Hyperfractionated Concomitant Boost Proton Beam Therapy for Esophageal Carcinoma. International Journal of Radiation Oncology Biology Physics, 2011, 81, e601-e606.	0.8	27
100	Radiotherapy for Patients with Symptomatic Intramedullary Spinal Cord Metastasis. Journal of Radiation Research, 2011, 52, 641-645.	1.6	39
101	Palliative radiotherapy for bleeding from advanced gastric cancer: is a schedule of 30 Gy in 10 fractions adequate?. Journal of Cancer Research and Clinical Oncology, 2011, 137, 125-130.	2.5	85
102	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.	0.8	99
103	Technical Considerations for Noncoplanar Proton-Beam Therapy of Patients with Tumors Proximal to the Optic Nerve. Strahlentherapie Und Onkologie, 2010, 186, 36-39.	2.0	14
104	Clinical Results of Proton-Beam Therapy for Locoregionally Advanced Esophageal Cancer. Strahlentherapie Und Onkologie, 2010, 186, 482-488.	2.0	59
105	Proton Beam Therapy for Large Hepatocellular Carcinoma. International Journal of Radiation Oncology Biology Physics, 2010, 76, 460-466.	0.8	124
106	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.	0.8	87
107	Analysis of dose-volume histogram parameters for radiation pneumonitis after definitive concurrent chemoradiotherapy for esophageal cancer. Radiotherapy and Oncology, 2010, 95, 240-244.	0.6	66
108	Proton beam therapy for hepatocellular carcinoma. Cancer, 2009, 115, 5499-5506.	4.1	122

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109	Proton-Beam Therapy for Hepatocellular Carcinoma Associated with Portal Vein Tumor Thrombosis*. Strahlentherapie Und Onkologie, 2009, 185, 782-788.	2.0	109
110	A Prospective Study of Hypofractionated Proton Beam Therapy for Patients With Hepatocellular Carcinoma. International Journal of Radiation Oncology Biology Physics, 2009, 74, 831-836.	0.8	196
111	Prognostic factors and a scoring system for survival after radiotherapy for metastases to the spinal column. Cancer, 2008, 113, 2816-2822.	4.1	56
112	Proton Beam Therapy for Hepatocellular Carcinoma Adjacent to the Porta Hepatis. International Journal of Radiation Oncology Biology Physics, 2008, 71, 462-467.	0.8	89
113	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.	1.3	21
114	Hypofractionated High-Dose Proton Beam Therapy for Stage I Non-Small-Cell Lung Cancer: Preliminary Results of A Phase I/II Clinical Study. International Journal of Radiation Oncology Biology Physics, 2007, 68, 786-793.	0.8	124
115	Proton Beam Therapy for Aged Patients With Hepatocellular Carcinoma. International Journal of Radiation Oncology Biology Physics, 2007, 69, 805-812.	0.8	56
116	Frequency and characteristics of docetaxel-induced radiation recall phenomenon. International Journal of Radiation Oncology Biology Physics, 2006, 66, 1187-1191.	0.8	33
117	Abnormal sensation during total body irradiation: a prospective observational study. Journal of Radiation Research, 0, , .	1.6	3