

Masashi Mizumoto

List of Publications by Year in descending order

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117
papers

3,130
citations

136950

32
h-index

182427

51
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119
all docs

119
docs citations

119
times ranked

2614
citing authors

#	ARTICLE	IF	CITATIONS
1	A Prospective Study of Hypofractionated Proton Beam Therapy for Patients With Hepatocellular Carcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 74, 831-836.	0.8	196
2	Proton Beam Therapy for Hepatocellular Carcinoma: A Comparison of Three Treatment Protocols. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 81, 1039-1045.	0.8	148
3	Hypofractionated High-Dose Proton Beam Therapy for Stage I Non-Small-Cell Lung Cancer: Preliminary Results of A Phase I/II Clinical Study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007, 68, 786-793.	0.8	124
4	Proton Beam Therapy for Large Hepatocellular Carcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 76, 460-466.	0.8	124
5	Proton beam therapy for hepatocellular carcinoma. <i>Cancer</i> , 2009, 115, 5499-5506.	4.1	122
6	Proton-Beam Therapy for Hepatocellular Carcinoma Associated with Portal Vein Tumor Thrombosis*. <i>Strahlentherapie Und Onkologie</i> , 2009, 185, 782-788.	2.0	109
7	Radiotherapy for Patients With Metastases to the Spinal Column: A Review of 603 Patients at Shizuoka Cancer Center Hospital. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 79, 208-213.	0.8	99
8	Proton Beam Therapy for Hepatocellular Carcinoma Adjacent to the Porta Hepatis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008, 71, 462-467.	0.8	89
9	Phase I/II Trial of Hyperfractionated Concomitant Boost Proton Radiotherapy for Supratentorial Glioblastoma Multiforme. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 77, 98-105.	0.8	87
10	Palliative radiotherapy for bleeding from advanced gastric cancer: is a schedule of 30 Gy in 10 fractions adequate?. <i>Journal of Cancer Research and Clinical Oncology</i> , 2011, 137, 125-130.	2.5	85
11	Analysis of dose-volume histogram parameters for radiation pneumonitis after definitive concurrent chemoradiotherapy for esophageal cancer. <i>Radiotherapy and Oncology</i> , 2010, 95, 240-244.	0.6	66
12	Evaluation of Liver Function After Proton Beam Therapy for Hepatocellular Carcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 82, e529-e535.	0.8	64
13	Clinical Results of Proton-Beam Therapy for Locoregionally Advanced Esophageal Cancer. <i>Strahlentherapie Und Onkologie</i> , 2010, 186, 482-488.	2.0	59
14	Proton Beam Therapy for Aged Patients With Hepatocellular Carcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007, 69, 805-812.	0.8	56
15	Prognostic factors and a scoring system for survival after radiotherapy for metastases to the spinal column. <i>Cancer</i> , 2008, 113, 2816-2822.	4.1	56
16	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
17	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
18	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

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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. <i>Journal of Radiation Research</i> , 2015, 56, 568-576.	1.6	48
20	Analysis of repeated proton beam therapy for patients with hepatocellular carcinoma. <i>Radiotherapy and Oncology</i> , 2017, 123, 240-245.	0.6	48
21	Proton Beam Therapy for Pediatric Brain Tumor. <i>Neurologia Medico-Chirurgica</i> , 2017, 57, 343-355.	2.2	46
22	Proton beam therapy combined with concurrent chemotherapy for esophageal cancer. <i>Anticancer Research</i> , 2015, 35, 1757-62.	1.1	45
23	Longâ€‘term followâ€‘up after proton beam therapy for pediatric tumors: a Japanese national survey. <i>Cancer Science</i> , 2017, 108, 444-447.	3.9	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. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 83, 704-711.	0.8	42
25	Proton beam therapy for unresectable intrahepatic cholangiocarcinoma. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2015, 30, 957-963.	2.8	42
26	Radiotherapy for Patients with Symptomatic Intramedullary Spinal Cord Metastasis. <i>Journal of Radiation Research</i> , 2011, 52, 641-645.	1.6	39
27	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
28	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
29	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
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. <i>Clinical Lung Cancer</i> , 2014, 15, e7-e12.	2.6	36
31	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
32	Proton beam therapy for pediatric malignancies: a retrospective observational multicenter study in Japan. <i>Cancer Medicine</i> , 2016, 5, 1519-1525.	2.8	35
33	Clinical results of proton beam therapy for advanced neuroblastoma. <i>Radiation Oncology</i> , 2013, 8, 142.	2.7	34
34	Frequency and characteristics of docetaxel-induced radiation recall phenomenon. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006, 66, 1187-1191.	0.8	33
35	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
36	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

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37	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
38	Proton beam therapy for metastatic liver tumors. <i>Radiotherapy and Oncology</i> , 2015, 117, 322-327.	0.6	30
39	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
40	Hyperfractionated Concomitant Boost Proton Beam Therapy for Esophageal Carcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 81, e601-e606.	0.8	27
41	Proton beam therapy for pediatric ependymoma. <i>Pediatrics International</i> , 2015, 57, 567-571.	0.5	27
42	Neuroendoscopy Followed by Radiotherapy in Cystic Craniopharyngiomas—a Long-Term Follow-Up. <i>World Neurosurgery</i> , 2015, 84, 1305-1315.e2.	1.3	26
43	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
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. <i>Journal of Radiation Research</i> , 2017, 58, 363-371.	1.6	25
45	Clinical outcomes of previously untreated patients with unresectable intrahepatic cholangiocarcinoma following proton beam therapy. <i>Radiation Oncology</i> , 2019, 14, 241.	2.7	22
46	Proton Beam Therapy for Hepatocellular Carcinoma with Inferior Vena Cava Tumor Thrombus: Report of Three Cases. <i>Japanese Journal of Clinical Oncology</i> , 2007, 37, 459-462.	1.3	21
47	Proton beam therapy for liver metastases from gastric cancer. <i>Journal of Radiation Research</i> , 2017, 58, 357-362.	1.6	20
48	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
49	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
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. <i>Radiotherapy and Oncology</i> , 2014, 113, 54-59.	0.6	19
51	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
52	Investigation of the Geometric Accuracy of Proton Beam Irradiation in the Liver. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 82, 826-833.	0.8	18
53	Hyperfractionated high-dose proton beam radiotherapy for clival chordomas after surgical removal. <i>British Journal of Radiology</i> , 2016, 89, 20151051.	2.2	18
54	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

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55	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
56	Preparation of pediatric patients for treatment with proton beam therapy. <i>Radiotherapy and Oncology</i> , 2015, 114, 245-248.	0.6	16
57	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
58	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
59	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
60	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
61	Technical Considerations for Noncoplanar Proton-Beam Therapy of Patients with Tumors Proximal to the Optic Nerve. <i>Strahlentherapie Und Onkologie</i> , 2010, 186, 36-39.	2.0	14
62	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
63	Pediatric nasopharyngeal carcinoma treated with proton beam therapy. Two case reports. <i>Acta Oncologica</i> , 2011, 50, 470-473.	1.8	13
64	Displacement of hepatic tumor at time to exposure in end-expiratory-triggered-pulse proton therapy. <i>Radiotherapy and Oncology</i> , 2011, 99, 124-130.	0.6	12
65	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
66	Proton beam therapy for malignancy in Bloom syndrome. <i>Strahlentherapie Und Onkologie</i> , 2013, 189, 335-338.	2.0	11
67	Proton Beam Therapy for Local Recurrence of Rectal Cancer. <i>Anticancer Research</i> , 2021, 41, 3589-3595.	1.1	11
68	Proton therapy for newly diagnosed pediatric diffuse intrinsic pontine glioma. <i>Child's Nervous System</i> , 2020, 36, 507-512.	1.1	10
69	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
70	An Analysis of Vertebral Body Growth after Proton Beam Therapy for Pediatric Cancer. <i>Cancers</i> , 2021, 13, 349.	3.7	9
71	Metastatic rectal adenocarcinoma in the mandibular gingiva: a case report. <i>World Journal of Surgical Oncology</i> , 2016, 14, 199.	1.9	8
72	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

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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.	0.6	8
74	Spinal changes after craniospinal irradiation in pediatric patients. Pediatric Blood and Cancer, 2020, 67, e28728.	1.5	8
75	Long-term outcomes of patients with unresectable benign meningioma treated with proton beam therapy. Journal of Radiation Research, 2021, 62, 427-437.	1.6	8
76	Proton beam therapy for unresectable hepatoblastoma in children: Survival in one case. Acta Oncologica, 2013, 52, 600-603.	1.8	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.	0.6	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.	1.8	7
79	Height after photon craniospinal irradiation in pediatric patients treated for central nervous system embryonal tumors. Pediatric Blood and Cancer, 2020, 67, e28617.	1.5	7
80	Maximum resection and immunotherapy improve glioblastoma patient survival: a retrospective single-institution prognostic analysis. BMC Neurology, 2021, 21, 282.	1.8	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.	1.1	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.	1.9	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.	1.7	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, , .	1.6	6
85	Improvement of Long-term Results with Neoadjuvant Chemotherapy and Radiotherapy for Central Nervous System Germinoma. World Neurosurgery, 2015, 84, 846-854.	1.3	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.	0.6	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.	2.5	5
88	Olfactory Sensations During Proton and Photon Radiotherapy: A Multicenter Prospective Observational Study. Cureus, 2022, 14, e22964.	0.5	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.	1.0	4
90	Transitions of Liver and Biliary Enzymes during Proton Beam Therapy for Hepatocellular Carcinoma. Cancers, 2020, 12, 1840.	3.7	4

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91	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
92	Multimodality Treatment for Cerebral Arteriovenous Malformations. <i>Neurologia Medico-Chirurgica</i> , 2012, 52, 859-864.	2.2	3
93	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
94	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
95	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
96	Abnormal sensation during total body irradiation: a prospective observational study. <i>Journal of Radiation Research</i> , 0, , .	1.6	3
97	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
98	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
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. <i>Clinical and Translational Radiation Oncology</i> , 2021, 27, 32-35.	1.7	2
100	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
101	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
102	Verification of beam delivery using fibrosis after proton beam irradiation to the lung tumor. <i>Lung Cancer</i> , 2012, 77, 83-88.	2.0	1
103	Particle Beam Therapy: Proton Beam Therapy and Carbon Ion Radiotherapy. <i>Japanese Journal of Lung Cancer</i> , 2014, 54, 917-925.	0.1	1
104	Radiation Therapy for Grade 3 Gliomas: Correlation of MRI Findings With Prognosis. <i>Cureus</i> , 2021, 13, e16887.	0.5	1
105	Particle Beam Therapy. <i>Japanese Journal of Lung Cancer</i> , 2015, 55, 924-931.	0.1	1
106	Three cases of hepatocellular carcinoma treated 4½ times with proton beams. <i>Molecular and Clinical Oncology</i> , 2020, 12, 31-35.	1.0	1
107	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
108	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

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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.	2.4	0
110	RT-02 POTENTIAL OF PROTON BEAM THERAPY FOR THE TREATMENT OF GLIOBLASTOMA. Neuro-Oncology Advances, 2019, 1, ii21-ii21.	0.7	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.	0.5	0
113	Significance of indocyanine green test in radiotherapy for hepatocellular carcinoma. Translational Cancer Research, 2019, 8, 14-16.	1.0	0
114	GCT-38. RELAPSE PATTERNS OF INTRACRANIAL GERMINOMAS BEFORE AND AFTER ENDOSCOPIC ERA. Neuro-Oncology, 2020, 22, iii335-iii335.	1.2	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.	0.5	0
116	RT-4 Treatment outcome of proton beam therapy for glioblastoma. Neuro-Oncology Advances, 2021, 3, vi15-vi15.	0.7	0
117	Proton Beam Therapy for Multifocal Hepatocellular Carcinoma (HCC) Showing Complete Response in Pathological Anatomy After Liver Transplantation. Cureus, 2022, , .	0.5	0