

# Damien C Weber

## List of Publications by Year in descending order

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162  
papers

7,675  
citations

57758

44  
h-index

62596

80  
g-index

166  
all docs

166  
docs citations

166  
times ranked

7345  
citing authors

#	ARTICLE	IF	CITATIONS
1	Meningiomas: knowledge base, treatment outcomes, and uncertainties. A RANO review. <i>Journal of Neurosurgery</i> , 2015, 122, 4-23.	1.6	500
2	Diagnosis and treatment of brain metastases from solid tumors: guidelines from the European Association of Neuro-Oncology (EANO). <i>Neuro-Oncology</i> , 2017, 19, 162-174.	1.2	381
3	Interim results from the CATNON trial (EORTC study 26053-22054) of treatment with concurrent and adjuvant temozolomide for 1p/19q non-co-deleted anaplastic glioma: a phase 3, randomised, open-label intergroup study. <i>Lancet, The</i> , 2017, 390, 1645-1653.	13.7	307
4	ESTRO-ACROP guideline –target delineation of glioblastomas–. <i>Radiotherapy and Oncology</i> , 2016, 118, 35-42.	0.6	286
5	Treatment planning and verification of proton therapy using spot scanning: Initial experiences. <i>Medical Physics</i> , 2004, 31, 3150-3157.	3.0	243
6	EANO guideline on the diagnosis and management of meningiomas. <i>Neuro-Oncology</i> , 2021, 23, 1821-1834.	1.2	230
7	Atypical and Malignant Meningioma: Outcome and Prognostic Factors in 119 Irradiated Patients. A Multicenter, Retrospective Study of the Rare Cancer Network. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008, 71, 1388-1393.	0.8	197
8	Results of spot-scanning proton radiation therapy for chordoma and chondrosarcoma of the skull base: The Paul Scherrer Institut experience. <i>International Journal of Radiation Oncology Biology Physics</i> , 2005, 63, 401-409.	0.8	195
9	The ROAM/EORTC-1308 trial: Radiation versus Observation following surgical resection of Atypical Meningioma: study protocol for a randomised controlled trial. <i>Trials</i> , 2015, 16, 519.	1.6	165
10	Incidence and relative survival of chordomas. <i>Cancer</i> , 2013, 119, 2029-2037.	4.1	160
11	QA makes a clinical trial stronger: Evidence-based medicine in radiation therapy. <i>Radiotherapy and Oncology</i> , 2012, 105, 4-8.	0.6	152
12	Androgen deprivation and high-dose radiotherapy for oligometastatic prostate cancer patients with less than five regional and/or distant metastases. <i>Acta OncolÅ³gica</i> , 2013, 52, 1622-1628.	1.8	144
13	Long term outcomes of patients with skull-base low-grade chondrosarcoma and chordoma patients treated with pencil beam scanning proton therapy. <i>Radiotherapy and Oncology</i> , 2016, 120, 169-174.	0.6	136
14	Adjuvant postoperative high-dose radiotherapy for atypical and malignant meningioma: A phase-II parallel non-randomized and observation study (EORTC 22042-26042). <i>Radiotherapy and Oncology</i> , 2018, 128, 260-265.	0.6	123
15	Towards FLASH proton therapy: the impact of treatment planning and machine characteristics on achievable dose rates. <i>Acta OncolÅ³gica</i> , 2019, 58, 1463-1469.	1.8	119
16	Proton Beam Radiosurgery for Vestibular Schwannoma: Tumor Control and Cranial Nerve Toxicity. <i>Neurosurgery</i> , 2003, 53, 577-588.	1.1	114
17	A treatment planning comparison of intensity modulated photon and proton therapy for paraspinal sarcomas. <i>International Journal of Radiation Oncology Biology Physics</i> , 2004, 58, 1596-1606.	0.8	113
18	Radiation dose constraints for organs at risk in neuro-oncology; the European Particle Therapy Network consensus. <i>Radiotherapy and Oncology</i> , 2018, 128, 26-36.	0.6	112

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19	[(18)F]Fluoroethyltyrosine- positron emission tomography-guided radiotherapy for high-grade glioma. <i>Radiation Oncology</i> , 2008, 3, 44.	2.7	109
20	Spot-scanning proton radiation therapy for recurrent, residual or untreated intracranial meningiomas. <i>Radiotherapy and Oncology</i> , 2004, 71, 251-258.	0.6	94
21	Involved-Node and Involved-Field Volumetric Modulated Arc vs. Fixed Beam Intensity-Modulated Radiotherapy for Female Patients With Early-Stage Supra-Diaphragmatic Hodgkin Lymphoma: A Comparative Planning Study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 75, 1578-1586.	0.8	93
22	“Radiobiology of Proton Therapy” Results of an international expert workshop. <i>Radiotherapy and Oncology</i> , 2018, 128, 56-67.	0.6	85
23	Quality assurance for prospective EORTC radiation oncology trials: The challenges of advanced technology in a multicenter international setting. <i>Radiotherapy and Oncology</i> , 2011, 100, 150-156.	0.6	80
24	The EPTN consensus-based atlas for CT- and MR-based contouring in neuro-oncology. <i>Radiotherapy and Oncology</i> , 2018, 128, 37-43.	0.6	80
25	Long-term outcome of patients with spinal myxopapillary ependymoma: treatment results from the MD Anderson Cancer Center and institutions from the Rare Cancer Network. <i>Neuro-Oncology</i> , 2015, 17, 588-595.	1.2	79
26	The Role of Radio- and Chemotherapy in Glioblastoma. <i>Oncology Research and Treatment</i> , 2005, 28, 315-317.	1.2	77
27	Spot Scanning-Based Proton Therapy for Intracranial Meningioma: Long-Term Results From the Paul Scherrer Institute. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 83, 865-871.	0.8	77
28	Prospective Pilot Study of Sildenafil for Treatment of Postradiotherapy Erectile Dysfunction in Patients With Prostate Cancer. <i>Journal of Clinical Oncology</i> , 1999, 17, 3444-3449.	1.6	76
29	Cranio-spinal irradiation with volumetric modulated arc therapy: A multi-institutional treatment experience. <i>Radiotherapy and Oncology</i> , 2011, 99, 79-85.	0.6	73
30	Practice Patterns Analysis of Ocular Proton Therapy Centers: The International OPTIC Survey. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 336-343.	0.8	69
31	Visual outcome of accelerated fractionated radiation for advanced sinonasal malignancies employing photons/protons. <i>Radiotherapy and Oncology</i> , 2006, 81, 243-249.	0.6	68
32	Predicted Risk of Radiation-Induced Cancers After Involved Field and Involved Node Radiotherapy With or Without Intensity Modulation for Early-Stage Hodgkin Lymphoma in Female Patients. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 81, 490-497.	0.8	66
33	Proton beam radiotherapy versus fractionated stereotactic radiotherapy for uveal melanomas: A comparative study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2005, 63, 373-384.	0.8	65
34	Recurrence pattern after [(18)F]Fluoroethyltyrosine-Positron Emission Tomography-guided radiotherapy for high-grade glioma: A prospective study. <i>Radiotherapy and Oncology</i> , 2009, 93, 586-592.	0.6	64
35	Outcome and prognostic factors in cerebellar glioblastoma multiforme in adults: A retrospective study from the Rare Cancer Network. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006, 66, 179-186.	0.8	59
36	Low rectal toxicity after dose escalated IMRT treatment of prostate cancer using an absorbable hydrogel for increasing and maintaining space between the rectum and prostate: Results of a multi-institutional phase II trial. <i>Radiotherapy and Oncology</i> , 2013, 106, 215-219.	0.6	59

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37	Radiation therapy quality assurance in clinical trials – Global harmonisation group. <i>Radiotherapy and Oncology</i> , 2014, 111, 327-329.	0.6	55
38	An evaluation of rescanning technique for liver tumour treatments using a commercial PBS proton therapy system. <i>Radiotherapy and Oncology</i> , 2016, 121, 281-287.	0.6	54
39	Respiratory motion-management in stereotactic body radiation therapy for lung cancer – A dosimetric comparison in an anthropomorphic lung phantom (LuCa). <i>Radiotherapy and Oncology</i> , 2016, 121, 328-334.	0.6	52
40	Long-term outcomes and prognostic factors of skull-base chondrosarcoma patients treated with pencil-beam scanning proton therapy at the Paul Scherrer Institute. <i>Neuro-Oncology</i> , 2016, 18, 236-243.	1.2	51
41	RapidArc, intensity modulated photon and proton techniques for recurrent prostate cancer in previously irradiated patients: a treatment planning comparison study. <i>Radiation Oncology</i> , 2009, 4, 34.	2.7	50
42	Particle therapy in Europe. <i>Molecular Oncology</i> , 2020, 14, 1492-1499.	4.6	50
43	Relative survival of patients with supratentorial low-grade gliomas. <i>Neuro-Oncology</i> , 2012, 14, 1062-1069.	1.2	48
44	Intensity Modulated Proton and Photon Therapy for Early Prostate Cancer With or Without Transperineal Injection of a Polyethylen Glycol Spacer: A Treatment Planning Comparison Study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 84, e311-e318.	0.8	47
45	Tumour control and Quality of Life in children with rhabdomyosarcoma treated with pencil beam scanning proton therapy. <i>Radiotherapy and Oncology</i> , 2016, 120, 163-168.	0.6	46
46	Proton therapy for pediatric malignancies: Fact, figures and costs. A joint consensus statement from the pediatric subcommittee of PTCOG, PROS and EPTN. <i>Radiotherapy and Oncology</i> , 2018, 128, 44-55.	0.6	46
47	Radiation therapy planning with photons and protons for early and advanced breast cancer: an overview. <i>Radiation Oncology</i> , 2006, 1, 22.	2.7	45
48	Global Harmonization of Quality Assurance Naming Conventions in Radiation Therapy Clinical Trials. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, 1242-1249.	0.8	44
49	Pencil beam scanning proton therapy for pediatric intracranial ependymoma. <i>Journal of Neuro-Oncology</i> , 2016, 128, 137-145.	2.9	44
50	A statistical comparison of motion mitigation performances and robustness of various pencil beam scanned proton systems for liver tumour treatments. <i>Radiotherapy and Oncology</i> , 2018, 128, 182-188.	0.6	44
51	Assessment of dosimetric errors induced by deformable image registration methods in 4D pencil beam scanned proton treatment planning for liver tumours. <i>Radiotherapy and Oncology</i> , 2018, 128, 174-181.	0.6	43
52	Patterns of proton therapy use in pediatric cancer management in 2016: An international survey. <i>Radiotherapy and Oncology</i> , 2019, 132, 155-161.	0.6	42
53	ESTRO ACROP guideline for target volume delineation of skull base tumors. <i>Radiotherapy and Oncology</i> , 2021, 156, 80-94.	0.6	41
54	A Treatment Planning Comparison of Combined Photon – Proton Beams Versus Proton Beams – Only for the Treatment of Skull Base Tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007, 69, 944-954.	0.8	40

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55	Atypical meningioma: current management dilemmas and prospective clinical trials. <i>Journal of Neuro-Oncology</i> , 2015, 121, 1-7.	2.9	39
56	Deformable image registration uncertainty for inter-fractional dose accumulation of lung cancer proton therapy. <i>Radiotherapy and Oncology</i> , 2020, 147, 178-185.	0.6	39
57	Effect of Anatomic Changes on Pencil Beam Scanned Proton Dose Distributions for Cranial and Extracranial Tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 97, 616-623.	0.8	38
58	Anatomical robust optimization to account for nasal cavity filling variation during intensity-modulated proton therapy: a comparison with conventional and adaptive planning strategies. <i>Physics in Medicine and Biology</i> , 2018, 63, 025020.	3.0	38
59	New pathology classification, imagery techniques and prospective trials for meningiomas: the future looks bright. <i>Current Opinion in Neurology</i> , 2010, 23, 563-570.	3.6	37
60	Long term outcome of skull-base chondrosarcoma patients treated with high-dose proton therapy with or without conventional radiation therapy. <i>Radiotherapy and Oncology</i> , 2018, 129, 520-526.	0.6	37
61	The prognostic value of expression of HIF1 $\alpha$ , EGFR and VEGF-A, in localized prostate cancer for intermediate- and high-risk patients treated with radiation therapy with or without androgen deprivation therapy. <i>Radiation Oncology</i> , 2012, 7, 66.	2.7	36
62	Commissioning of a clinical pencil beam scanning proton therapy unit for ultra-high dose rates (FLASH). <i>Medical Physics</i> , 2021, 48, 4017-4026.	3.0	36
63	Tumor control and QoL outcomes of very young children with atypical teratoid/rhabdoid Tumor treated with focal only chemo-radiation therapy using pencil beam scanning proton therapy. <i>Journal of Neuro-Oncology</i> , 2015, 121, 389-397.	2.9	35
64	Long-Term Outcomes and Prognostic Factors After Pencil-Beam Scanning Proton Radiation Therapy for Spinal Chordomas: A Large, Single-Institution Cohort. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 101, 226-233.	0.8	35
65	Quality assurance in the EORTC 22033/26033/CE5 phase III randomized trial for low grade glioma: The digital individual case review. <i>Radiotherapy and Oncology</i> , 2012, 103, 287-292.	0.6	34
66	Pencil Beam Scanning Proton Therapy for Pediatric Parameningeal Rhabdomyosarcomas: Clinical Outcome of Patients Treated at the Paul Scherrer Institute. <i>Pediatric Blood and Cancer</i> , 2016, 63, 1731-1736.	1.5	34
67	Profile of European proton and carbon ion therapy centers assessed by the EORTC facility questionnaire. <i>Radiotherapy and Oncology</i> , 2017, 124, 185-189.	0.6	33
68	Long-Term Clinical Outcomes of Pencil Beam Scanning Proton Therapy for Benign and Non-benign Intracranial Meningiomas. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, 1190-1198.	0.8	33
69	EORTC Radiation Oncology Group quality assurance platform: Establishment of a digital central review facility. <i>Radiotherapy and Oncology</i> , 2012, 103, 279-286.	0.6	32
70	Treatment log files as a tool to identify treatment plan sensitivity to inaccuracies in scanned proton beam delivery. <i>Radiotherapy and Oncology</i> , 2017, 125, 514-519.	0.6	32
71	Daily adaptive proton therapy "the key to innovative planning approaches for paranasal cancer treatments. <i>Acta Oncologica</i> , 2019, 58, 1423-1428.	1.8	32
72	Update of the EPTN atlas for CT- and MR-based contouring in Neuro-Oncology. <i>Radiotherapy and Oncology</i> , 2021, 160, 259-265.	0.6	32

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73	Feasibility of Pencil Beam Scanned Intensity Modulated Proton Therapy in Breath-hold for Locally Advanced Non-Small Cell Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, 1121-1128.	0.8	30
74	Four-Dimensional Dose Reconstruction for Scanned Proton Therapy Using Liver 4DCT-MRI. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 216-223.	0.8	29
75	Clival chordoma: a single-centre outcome analysis. <i>Acta Neurochirurgica</i> , 2017, 159, 1815-1823.	1.7	29
76	Intensity modulated proton therapy plan generation in under ten seconds. <i>Acta Oncologica</i> , 2019, 58, 1435-1439.	1.8	29
77	High-dose-rate brachytherapy boost to the dominant intra-prostatic tumor region: Hemi-irradiation of prostate cancer. <i>Prostate</i> , 2011, 71, 1309-1316.	2.3	28
78	Radiotherapy versus Observation following surgical resection of Atypical Meningioma (the ROAM) Trial. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 101, 100-107.	1.2	28
79	Dose-painting intensity-modulated proton therapy for intermediate- and high-risk meningioma. <i>Radiation Oncology</i> , 2015, 10, 72.	2.7	28
80	Quality assurance of radiotherapy in the ongoing EORTC 22042-26042 trial for atypical and malignant meningioma: results from the dummy runs and prospective individual case Reviews. <i>Radiation Oncology</i> , 2013, 8, 23.	2.7	26
81	IMRT credentialing for prospective trials using institutional virtual phantoms: results of a joint European Organization for the Research and Treatment of Cancer and Radiological Physics Center project. <i>Radiation Oncology</i> , 2014, 9, 123.	2.7	26
82	Simultaneous in-field boost for patients with 1 to 4 brain metastasis/es treated with volumetric modulated arc therapy: a prospective study on quality-of-life. <i>Radiation Oncology</i> , 2011, 6, 79.	2.7	25
83	Radiation Necrosis and White Matter Lesions in Pediatric Patients With Brain Tumors Treated With Pencil Beam Scanning Proton Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 100, 987-996.	0.8	25
84	Adjuvant or radical fractionated stereotactic radiotherapy for patients with pituitary functional and nonfunctional macroadenoma. <i>Radiation Oncology</i> , 2011, 6, 169.	2.7	24
85	Dose-adapted salvage radiotherapy after radical prostatectomy based on an rMRI target definition model: Toxicity analysis. <i>Acta Oncologica</i> , 2014, 53, 96-102.	1.8	24
86	Outcome impact and cost-effectiveness of quality assurance for radiotherapy planned for the EORTC 22071-24071 prospective study for head and neck cancer. <i>Radiotherapy and Oncology</i> , 2014, 111, 393-399.	0.6	24
87	Current practice in proton therapy delivery in adult cancer patients across Europe. <i>Radiotherapy and Oncology</i> , 2022, 167, 7-13.	0.6	23
88	Liquid fiducial marker applicability in proton therapy of locally advanced lung cancer. <i>Radiotherapy and Oncology</i> , 2017, 122, 393-399.	0.6	22
89	Assessment of target dose delivery in anal cancer using in vivo thermoluminescent dosimetry. <i>Radiotherapy and Oncology</i> , 2001, 59, 39-43.	0.6	21
90	Dummy run and conformity indices in the ongoing EORTC low-grade glioma trial 22033-26033: First evaluation of quality of radiotherapy planning. <i>Radiotherapy and Oncology</i> , 2010, 95, 218-224.	0.6	21

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91	Could hyperthermia with proton therapy mimic carbon ion therapy? Exploring a thermo-radiobiological rationale. <i>International Journal of Hyperthermia</i> , 2014, 30, 524-530.	2.5	21
92	Proton therapy for brain tumours in the area of evidence-based medicine. <i>British Journal of Radiology</i> , 2020, 93, 20190237.	2.2	21
93	Pencil beam scanning proton therapy for the treatment of craniopharyngioma complicated with radiation-induced cerebral vasculopathies: A dosimetric and linear energy transfer (LET) evaluation. <i>Radiotherapy and Oncology</i> , 2020, 149, 197-204.	0.6	21
94	Prospective data registration and clinical trials for particle therapy in Europe. <i>Radiotherapy and Oncology</i> , 2018, 128, 9-13.	0.6	20
95	Radiation-induced optic neuropathy after pencil beam scanning proton therapy for skull-base and head and neck tumours. <i>British Journal of Radiology</i> , 2020, 93, 20190028.	2.2	20
96	Long-Term Clinical Safety of High-Dose Proton Radiation Therapy Delivered With Pencil Beam Scanning Technique for Extracranial Chordomas and Chondrosarcomas in Adult Patients: Clinical Evidence of Spinal Cord Tolerance. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 100, 218-225.	0.8	19
97	Optimizing clinical research and generating prospective high-quality data in particle therapy in Europe: Introducing the European Particle Therapy Network (EPTN). <i>Radiotherapy and Oncology</i> , 2018, 128, 1-3.	0.6	19
98	Bladder opacification does not significantly influence dose distribution in conformal radiotherapy of prostate cancer. <i>Radiotherapy and Oncology</i> , 2001, 59, 95-97.	0.6	18
99	Novel radiotherapy techniques for involved-field and involved-node treatment of mediastinal Hodgkin lymphoma. <i>Strahlentherapie Und Onkologie</i> , 2014, 190, 864-871.	2.0	16
100	Quality assurance of radiotherapy in the ongoing EORTC 1219-DAHANCA-29 trial for HPV/p16 negative squamous cell carcinoma of the head and neck: Results of the benchmark case procedure. <i>Radiotherapy and Oncology</i> , 2017, 123, 424-430.	0.6	16
101	Impact of beam angle choice on pencil beam scanning breath-hold proton therapy for lung lesions. <i>Acta Oncologica</i> , 2017, 56, 853-859.	1.8	16
102	Daily Adaptive Proton Therapy: Is it Appropriate to Use Analytical Dose Calculations for Plan Adaption?. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 107, 747-755.	0.8	16
103	Dosimetric influence of deformable image registration uncertainties on propagated structures for online daily adaptive proton therapy of lung cancer patients. <i>Radiotherapy and Oncology</i> , 2021, 159, 136-143.	0.6	16
104	Radiotherapy quality assurance for the RTOG 0834/EORTC 26053-22054/NCIC CTG CEC.1/CATNON intergroup trial "concurrent and adjuvant temozolomide chemotherapy in newly diagnosed non-1p/19q deleted anaplastic glioma": Individual case review analysis. <i>Radiotherapy and Oncology</i> , 2018, 127, 292-298.	0.6	15
105	Evaluation of the ray-casting analytical algorithm for pencil beam scanning proton therapy. <i>Physics in Medicine and Biology</i> , 2019, 64, 065021.	3.0	15
106	Clinical outcomes and quality of life in children and adolescents with primary brain tumors treated with pencil beam scanning proton therapy. <i>Pediatric Blood and Cancer</i> , 2020, 67, e28465.	1.5	15
107	Proton therapy and the European Particle Therapy Network: The past, present and future. <i>Cancer Radiotherapy: Journal De La Societe Francaise De Radiotherapie Oncologique</i> , 2020, 24, 687-690.	1.4	15
108	Pencil beam scanned protons for the treatment of patients with Ewing sarcoma. <i>Pediatric Blood and Cancer</i> , 2017, 64, e26688.	1.5	14

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109	Bringing Europe together in building clinical evidence for proton therapy – the EPTN – ESTRO – EORTC endeavor. <i>Acta Oncologica</i> , 2019, 58, 1340-1342.	1.8	14
110	Whole-ventricular irradiation for intracranial germ cell tumors: Dosimetric comparison of pencil beam scanned protons, intensity-modulated radiotherapy and volumetric-modulated arc therapy. <i>Clinical and Translational Radiation Oncology</i> , 2019, 15, 53-61.	1.7	14
111	Commissioning and quality assurance of a novel solution for respiratory-gated PBS proton therapy based on optical tracking of surface markers. <i>Zeitschrift Fur Medizinische Physik</i> , 2022, 32, 52-62.	1.5	14
112	Clinical outcomes of head and neck adenoid cystic carcinoma patients treated with pencil beam-scanning proton therapy. <i>Oral Oncology</i> , 2020, 107, 104752.	1.5	14
113	Proton Irradiation with Hyperthermia in Unresectable Soft Tissue Sarcoma. <i>International Journal of Particle Therapy</i> , 2016, 3, 327-336.	1.8	14
114	Proton Therapy for Intracranial Meningioma for the Treatment of Primary/Recurrent Disease Including Re-Irradiation. <i>Frontiers in Oncology</i> , 2020, 10, 558845.	2.8	14
115	Range resolution and reproducibility of a dedicated phantom for proton PBS daily quality assurance. <i>Zeitschrift Fur Medizinische Physik</i> , 2018, 28, 310-317.	1.5	13
116	Radiotherapy quality assurance of SBRT for patients with centrally located lung tumours within the multicentre phase II EORTC Lungtech trial: Benchmark case results. <i>Radiotherapy and Oncology</i> , 2019, 132, 63-69.	0.6	13
117	Quality assurance for the EORTC 22071 – 26071 study: dummy run prospective analysis. <i>Radiation Oncology</i> , 2014, 9, 248.	2.7	12
118	Noninvasive eye localization in ocular proton therapy through optical eye tracking: A proof of concept. <i>Medical Physics</i> , 2018, 45, 2186-2194.	3.0	12
119	Dosimetric analysis of local failures in skull-base chordoma and chondrosarcoma following pencil beam scanning proton therapy. <i>Radiation Oncology</i> , 2020, 15, 266.	2.7	12
120	Impact of internal target volume definition for pencil beam scanned proton treatment planning in the presence of respiratory motion variability for lung cancer: A proof of concept. <i>Radiotherapy and Oncology</i> , 2020, 145, 154-161.	0.6	12
121	Prognostic factors for spinal chordomas and chondrosarcomas treated with postoperative pencil-beam scanning proton therapy: a large, single-institution experience. <i>Journal of Neurosurgery: Spine</i> , 2020, 32, 921-930.	1.7	12
122	Quality assurance of four-dimensional computed tomography in a multicentre trial of stereotactic body radiotherapy of centrally located lung tumours. <i>Physics and Imaging in Radiation Oncology</i> , 2018, 8, 57-62.	2.9	11
123	Early results and volumetric analysis after spot-scanning proton therapy with concomitant hyperthermia in large inoperable sacral chordomas. <i>British Journal of Radiology</i> , 2020, 93, 20180883.	2.2	11
124	Practice Considerations for Proton Beam Radiation Therapy of Uveal Melanoma During the Coronavirus Disease Pandemic: Particle Therapy Co-Operative Group Ocular Experience. <i>Advances in Radiation Oncology</i> , 2020, 5, 682-686.	1.2	11
125	Potential and pitfalls of 1.5T MRI imaging for target volume definition in ocular proton therapy. <i>Radiotherapy and Oncology</i> , 2021, 154, 53-59.	0.6	11
126	Combining rescanning and gating for a time-efficient treatment of mobile tumors using pencil beam scanning proton therapy. <i>Radiotherapy and Oncology</i> , 2021, 160, 82-89.	0.6	11



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127	Doseâ€“response curves for MRI-detected radiation-induced temporal lobe reactions in patients after proton and carbon ion therapy: Does the same RBE-weighted dose lead to the same biological effect?. <i>Radiotherapy and Oncology</i> , 2018, 128, 109-114.	0.6	10
128	Stereotactic Radiotherapy for Ocular Melanoma: Initial Experience Using Closed Eyes for Ocular Target Immobilization. <i>Technology in Cancer Research and Treatment</i> , 2007, 6, 413-417.	1.9	9
129	Quality assurance standards drive improvements in the profile of radiation therapy departments participating in trials of the EORTC Radiation Oncology Group. <i>Radiotherapy and Oncology</i> , 2014, 112, 376-380.	0.6	9
130	Combining Clinical and Dosimetric Features in a PBS Proton Therapy Cohort to Develop a NTCP Model for Radiation-Induced Optic Neuropathy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 587-595.	0.8	9
131	Radiologic Patterns of Necrosis After Proton Therapy of Skull Base Tumors. <i>Canadian Journal of Neurological Sciences</i> , 2013, 40, 800-806.	0.5	8
132	Results of a multicentre dosimetry audit using a respiratory phantom within the EORTC LungTech trial. <i>Radiotherapy and Oncology</i> , 2019, 138, 106-113.	0.6	8
133	Outcomes of adolescents and young adults treated for brain and skull base tumors with pencil beam scanning proton therapy. <i>Pediatric Blood and Cancer</i> , 2020, 67, e28664.	1.5	8
134	Good long-term visual outcomes of parapapillary choroidal melanoma patients treated with proton therapy: a comparative study. <i>International Ophthalmology</i> , 2021, 41, 441-452.	1.4	8
135	Intensity modulated radiation therapy or stereotactic fractionated radiotherapy for infratentorial ependymoma in children: a multicentric study. <i>Journal of Neuro-Oncology</i> , 2011, 102, 295-300.	2.9	7
136	A predictive algorithm for spot position corrections after fast energy switching in proton pencil beam scanning. <i>Medical Physics</i> , 2018, 45, 4806-4815.	3.0	7
137	The dosimetric effect of residual breath-hold motion in pencil beam scanned proton therapy â€“ An experimental study. <i>Radiotherapy and Oncology</i> , 2019, 134, 135-142.	0.6	7
138	Pitfalls in the beam modelling process of Monte Carlo calculations for proton pencil beam scanning. <i>British Journal of Radiology</i> , 2020, 93, 20190919.	2.2	7
139	Clinical and Radiologic Outcomes in Adults and Children Treated with Pencil-Beam Scanning Proton Therapy for Low-Grade Glioma. <i>International Journal of Particle Therapy</i> , 2017, 3, 450-460.	1.8	7
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