

# Wolfgang A Tome

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

234  
papers

9,790  
citations

50  
h-index

94  
g-index

243  
ext. papers

11,422  
ext. citations

2.4  
avg, IF

6.49  
L-index

#	Paper	IF	Citations
234	Clinical Assessment of a Novel Ring Gantry Linear Accelerator-Mounted Helical Fan-Beam kVCT System.. <i>Advances in Radiation Oncology</i> , <b>2022</b> , 7, 100862	3.3	0
233	A positron emission tomography radiomic signature for distant metastases risk in oropharyngeal cancer patients treated with definitive chemoradiotherapy.. <i>Physics and Imaging in Radiation Oncology</i> , <b>2022</b> , 21, 72-77	3.1	0
232	AAPM task group report 302: Surface guided radiotherapy.. <i>Medical Physics</i> , <b>2022</b> ,	4.4	1
231	In Reply to Tsurugai et al.. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2022</b> , 113, 229	4	
230	Organ-at-risk dose prediction using a machine learning algorithm: Clinical validation and treatment planning benefit for lung SBRT.. <i>Journal of Applied Clinical Medical Physics</i> , <b>2022</b> , e13609	2.3	
229	Stereotactic Radiosurgery for Vestibular Schwannomas: Tumor Control Probability Analyses and Recommended Reporting Standards. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2021</b> , 110, 100-111	4	4
228	Comprehensive Patient-Specific Intensity-Modulated Radiation Therapy Quality Assurance Comparing Mobius3D/FX to Conventional Methods of Evaluation. <i>Cureus</i> , <b>2021</b> , 13, e14910	1.2	0
227	Validation of accuracy deformable image registration contour propagation using a benchmark virtual HN phantom dataset. <i>Journal of Applied Clinical Medical Physics</i> , <b>2021</b> , 22, 58-68	2.3	1
226	The effect of low-dose radiation spillage during stereotactic radiosurgery for brain metastases on the development of de novo metastases. <i>Clinical and Translational Radiation Oncology</i> , <b>2021</b> , 28, 79-84	4.6	0
225	Local Control After Stereotactic Body Radiation Therapy for Liver Tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2021</b> , 110, 188-195	4	80
224	Single- and Multi-Fraction Stereotactic Radiosurgery Dose Tolerances of the Optic Pathways. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2021</b> , 110, 87-99	4	53
223	Local Control After Stereotactic Body Radiation Therapy for Stage I Non-Small Cell Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2021</b> , 110, 160-171	4	10
222	Spinal Cord Dose Tolerance to Stereotactic Body Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2021</b> , 110, 124-136	4	34
221	In Reply to Klement et al. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2021</b> , 110, 250-2514		
220	Validating the SumMean F-FDG PET Textural Feature as a Prognostic Marker in an Independent Cohort of Locally Advanced Non-Small Cell Lung Cancer Patients Undergoing Concurrent Chemoradiation Therapy. <i>Practical Radiation Oncology</i> , <b>2021</b> , 11, e46-e51	2.8	0
219	Single isocenter treatment planning techniques for stereotactic radiosurgery of multiple cranial metastases. <i>Physics and Imaging in Radiation Oncology</i> , <b>2021</b> , 17, 47-52	3.1	1
218	Systematic Review and Meta-Analysis of the Dose-Response and Risk Factors for Obliteration of Arteriovenous Malformations Following Radiosurgery: An Update Based on the Last 20 Years of Published Clinical Evidence. <i>Neurosurgery Open</i> , <b>2021</b> , 2,	1	4

217	Individualized quality of life benefit and cost-effectiveness estimates of proton therapy for patients with oropharyngeal cancer. <i>Radiation Oncology</i> , <b>2021</b> , 16, 19	4.2	1
216	COVID-19 Incidentally Detected on PET/CT During Work-up for Locally Advanced Head and Neck Cancer. <i>In Vivo</i> , <b>2020</b> , 34, 1681-1684	2.3	3
215	Recommendations of megavoltage computed tomography settings for the implementation of adaptive radiotherapy on helical tomotherapy units. <i>Journal of Applied Clinical Medical Physics</i> , <b>2020</b> , 21, 87-92	2.3	2
214	A technique to generate synthetic CT from MRI for abdominal radiotherapy. <i>Journal of Applied Clinical Medical Physics</i> , <b>2020</b> , 21, 136-143	2.3	5
213	Hippocampal Avoidance During Whole-Brain Radiotherapy Plus Memantine for Patients With Brain Metastases: Phase III Trial NRG Oncology CC001. <i>Journal of Clinical Oncology</i> , <b>2020</b> , 38, 1019-1029	2.2	23 <sup>1</sup>
212	NCOG-04. PRETREATMENT VOLUME OF MR-DETERMINED WHITE MATTER INJURY (WMI) PREDICTS NEUROCOGNITIVE DECLINE AFTER HIPPOCAMPAL AVOIDANT (HA) WBRT+MEMANTINE FOR BRAIN METASTASES: SECONDARY ANALYSIS OF NRG ONCOLOGYCC001. <i>Neuro-Oncology</i> , <b>2020</b> , 22, #122-#123	1	
211	F-Fluorodeoxyglucose PET in Locally Advanced Non-small Cell Lung Cancer: From Predicting Outcomes to Guiding Therapy. <i>PET Clinics</i> , <b>2020</b> , 15, 55-63	2.2	9
210	Outcomes From Whole-Brain Reirradiation Using Pulsed Reduced Dose Rate Radiation Therapy. <i>Advances in Radiation Oncology</i> , <b>2020</b> , 5, 834-839	3.3	0
209	RADI-11. NRG ONCOLOGY CC001: A PHASE III TRIAL OF HIPPOCAMPAL AVOIDANCE IN ADDITION TO WHOLE-BRAIN RADIOTHERAPY (WBRT) PLUS MEMANTINE TO PRESERVE NEUROCOGNITIVE FUNCTION IN PATIENTS WITH BRAIN METASTASES (BM). <i>Neuro-Oncology Advances</i> , <b>2019</b> , 1, i23-i24	0.9	7 <sup>8</sup>
208	Determining efficient helical IMRT modulation factor from the MLC leaf-open time distribution on precision treatment planning system. <i>Journal of Applied Clinical Medical Physics</i> , <b>2019</b> , 20, 64-74	2.3	5
207	A Quantitative Clinical Decision-Support Strategy Identifying Which Patients With Oropharyngeal Head and Neck Cancer May Benefit the Most From Proton Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2019</b> , 104, 540-552	4	10
206	BSCI-18. ABLATION OF Csf2 MITIGATES RADIATION-INDUCED NEUROCOGNITIVE DECLINE INDEPENDENT OF HIPPOCAMPAL NEUROGENESIS. <i>Neuro-Oncology Advances</i> , <b>2019</b> , 1, i4-i4	0.9	7 <sup>8</sup>
205	A skin dose prediction model based on in vivo dosimetry and ultrasound skin bridge measurements during intraoperative breast radiation therapy. <i>Brachytherapy</i> , <b>2019</b> , 18, 720-726	2.4	3
204	Two-dimensional solid-state array detectors: A technique for in vivo dose verification in a variable effective area. <i>Journal of Applied Clinical Medical Physics</i> , <b>2019</b> , 20, 88-94	2.3	2
203	NRG Oncology CC001: A phase III trial of hippocampal avoidance (HA) in addition to whole-brain radiotherapy (WBRT) plus memantine to preserve neurocognitive function (NCF) in patients with brain metastases (BM).. <i>Journal of Clinical Oncology</i> , <b>2019</b> , 37, 2009-2009	2.2	2 <sup>8</sup>
202	NRG Oncology CC003: A randomized phase II/III trial of prophylactic cranial irradiation with or without hippocampal avoidance for small cell lung cancer.. <i>Journal of Clinical Oncology</i> , <b>2019</b> , 37, TPS8578-TPS8578	2.2	2 <sup>2</sup> 3 <sup>5</sup> 7 <sup>8</sup>
201	Origin of Locoregional Recurrences After Definitive Intensity-modulated Radiation Therapy (IMRT) for Laryngeal Cancer Determined Based on Follow-up PET/CT Imaging. <i>Cureus</i> , <b>2019</b> , 11, e3856	1.2	3
200	Non-Invasive Targeted Hepatic Irradiation and SPECT/CT Functional Imaging to Study Radiation-Induced Liver Damage in Small Animal Models. <i>Cancers</i> , <b>2019</b> , 11,	6.6	3

199	ACTR-50. PRESERVATION OF NEUROCOGNITIVE FUNCTION & PATIENT-REPORTED SYMPTOMS WITH HIPPOCAMPAL AVOIDANCE (HA) DURING WHOLE-BRAIN RADIOTHERAPY (WBRT) FOR BRAIN METASTASES: LONG-TERM RESULTS OF NRG ONCOLOGY CC001. <i>Neuro-Oncology</i> , <b>2019</b> , 21, vi24-vi25	1	2
198	Evaluating which plan quality metrics are appropriate for use in lung SBRT. <i>British Journal of Radiology</i> , <b>2018</b> , 91, 20170393	3-4	12
197	Comparing photon and proton-based hypofractionated SBRT for prostate cancer accounting for robustness and realistic treatment deliverability. <i>British Journal of Radiology</i> , <b>2018</b> , 91, 20180010	3-4	9
196	Systematic Review of Normal Tissue Complication Models Relevant to Standard Fractionation Radiation Therapy of the Head and Neck Region Published After the QUANTEC Reports. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2018</b> , 100, 391-407	4	33
195	Stereotactic body radiation therapy for stage I non-small cell lung cancer: The importance of treatment planning algorithm and evaluation of a tumor control probability model. <i>Practical Radiation Oncology</i> , <b>2018</b> , 8, e33-e39	2-8	5
194	On the Inclusion of Short-distance Bystander Effects into a Logistic Tumor Control Probability Model. <i>Cureus</i> , <b>2018</b> , 10, e2012	1-2	1
193	NCOG-01. PRESERVATION OF NEUROCOGNITIVE FUNCTION (NCF) WITH HIPPOCAMPAL AVOIDANCE DURING WHOLE-BRAIN RADIOTHERAPY (WBRT) FOR BRAIN METASTASES: PRELIMINARY RESULTS OF PHASE III TRIAL NRG ONCOLOGY CC001. <i>Neuro-Oncology</i> , <b>2018</b> , 20, vi172-vi172	1	9
192	Revisiting the dose constraints for head and neck OARs in the current era of IMRT. <i>Oral Oncology</i> , <b>2018</b> , 86, 8-18	4-4	19
191	A Model for Precise and Uniform Pelvic- and Limb-Sparing Abdominal Irradiation to Study the Radiation-Induced Gastrointestinal Syndrome in Mice Using Small Animal Irradiation Systems. <i>Dose-Response</i> , <b>2017</b> , 15, 1559325816685798	2-3	7
190	The evolving role for re-irradiation in the management of recurrent grade 4 glioma. <i>Journal of Neuro-Oncology</i> , <b>2017</b> , 134, 523-530	4-8	9
189	Fractionated stereotactic radiation therapy for brain metastases: a systematic review with tumour control probability modelling. <i>British Journal of Radiology</i> , <b>2017</b> , 90, 20160666	3-4	19
188	Dosimetric Evaluation of a Flexible Dual Balloon-Constructed Applicator in Treating Anorectal Cancer. <i>Technology in Cancer Research and Treatment</i> , <b>2017</b> , 16, 879-884	2-7	
187	Technical Note: Angular dependence of a 2D monolithic silicon diode array for small field dosimetry. <i>Medical Physics</i> , <b>2017</b> , 44, 4313-4321	4-4	9
186	Alternate Fractionation for Hepatic Tumors. <i>Medical Radiology</i> , <b>2017</b> , 173-201	0-2	
185	Tumor bed variation during multi-lumen balloon-based accelerated partial breast irradiation: implication of surgical clips. <i>Acta Oncologica</i> , <b>2016</b> , 55, 526-9	3-2	
184	Low-Intensity Focused Ultrasound Induces Reversal of Tumor-Induced T Cell Tolerance and Prevents Immune Escape. <i>Journal of Immunology</i> , <b>2016</b> , 196, 1964-76	5-3	30
183	In Vitro Photoirradiation System for Simultaneous Irradiation with Different Light Doses at a Fixed Temperature. <i>Photomedicine and Laser Surgery</i> , <b>2016</b> , 34, 108-15		2
182	Hippocampal-dependent neurocognitive impairment following cranial irradiation observed in pre-clinical models: current knowledge and possible future directions. <i>British Journal of Radiology</i> , <b>2016</b> , 89, 20150762	3-4	13

181	CogState computerized memory tests in patients with brain metastases: secondary endpoint results of NRG Oncology RTOG 0933. <i>Journal of Neuro-Oncology</i> , <b>2016</b> , 126, 327-36	4.8	26
180	Right Care for the Right Patient Each and Every Time. <i>Cureus</i> , <b>2016</b> , 8, e492	1.2	4
179	Model assessment of individual tumor control rate and adverse effects in comparing locally advanced cervical cancer treatment using intracavitary with and without interstitial brachytherapy. <i>Journal of Contemporary Brachytherapy</i> , <b>2016</b> , 8, 525-532	1.9	1
178	Dosimetry Formalism and Implementation of a Homogenous Irradiation Protocol to Improve the Accuracy of Small Animal Whole-Body Irradiation Using a <sup>137</sup> Cs Irradiator. <i>Health Physics</i> , <b>2016</b> , 110, S26-38	2.3	3
177	A simple method for determining the coagulation threshold temperature of transparent tissue-mimicking thermal therapy gel phantoms: Validated by magnetic resonance imaging thermometry. <i>Medical Physics</i> , <b>2016</b> , 43, 1167-74	4.4	5
176	On voxel-by-voxel accumulated dose for prostate radiation therapy using deformable image registration. <i>Technology in Cancer Research and Treatment</i> , <b>2015</b> , 14, 37-47	2.7	9
175	An efficient Volumetric Arc Therapy treatment planning approach for hippocampal-avoidance whole-brain radiation therapy (HA-WBRT). <i>Medical Dosimetry</i> , <b>2015</b> , 40, 205-9	1.3	13
174	Reply to M.C. Chamberlain. <i>Journal of Clinical Oncology</i> , <b>2015</b> , 33, 1986	2.2	
173	Photodynamic Therapy and Its Role in Combined Modality Anticancer Treatment. <i>Technology in Cancer Research and Treatment</i> , <b>2015</b> , 14, 355-68	2.7	45
172	A mouse model replicating hippocampal sparing cranial irradiation in humans: A tool for identifying new strategies to limit neurocognitive decline. <i>Scientific Reports</i> , <b>2015</b> , 5, 14384	4.9	21
171	Proposal for a Simple and Efficient Monthly Quality Management Program Assessing the Consistency of Robotic Image-Guided Small Animal Radiation Systems. <i>Health Physics</i> , <b>2015</b> , 109, S190-9 <sup>2.3</sup>	2.3	9
170	Real-time pretreatment review limits unacceptable deviations on a cooperative group radiation therapy technique trial: quality assurance results of RTOG 0933. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2015</b> , 91, 564-70	4	21
169	Biological Effects Induced by Non-thermal Ultrasound and Implications for Cancer Therapy: A Review of the Current Literature. <i>Technology in Cancer Research and Treatment</i> , <b>2015</b> , 14, 221-35	2.7	19
168	Spine stereotactic body radiation therapy plans: Achieving dose coverage, conformity, and dose falloff. <i>Medical Dosimetry</i> , <b>2015</b> , 40, 181-5	1.3	8
167	Contouring and constraining bowel on a full-bladder computed tomography scan may not reflect treatment bowel position and dose certainty in gynecologic external beam radiation therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2014</b> , 90, 802-8	4	6
166	The effect on dose accumulation accuracy of inverse-consistency and transitivity error reduced deformation maps. <i>Australasian Physical and Engineering Sciences in Medicine</i> , <b>2014</b> , 37, 321-6	1.9	9
165	Prophylactic cranial irradiation: recent outcomes and innovations. <i>CNS Oncology</i> , <b>2014</b> , 3, 219-30	4	12
164	Day to day treatment variations of accelerated partial breast brachytherapy using a multi-lumen balloon. <i>Journal of Contemporary Brachytherapy</i> , <b>2014</b> , 6, 68-75	1.9	9

163	Preservation of memory with conformal avoidance of the hippocampal neural stem-cell compartment during whole-brain radiotherapy for brain metastases (RTOG 0933): a phase II multi-institutional trial. <i>Journal of Clinical Oncology</i> , <b>2014</b> , 32, 3810-6	2.2	678
162	Single institution experience treating 104 vestibular schwannomas with fractionated stereotactic radiation therapy or stereotactic radiosurgery. <i>Journal of Neuro-Oncology</i> , <b>2014</b> , 116, 187-93	4.8	49
161	Low intensity focused ultrasound (LOFU) modulates unfolded protein response and sensitizes prostate cancer to 17AAG. <i>Oncoscience</i> , <b>2014</b> , 1, 434-45	0.8	17
160	Who benefits from adjuvant radiation therapy for gastric cancer? A meta-analysis. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2013</b> , 86, 330-5	4	39
159	Multi-institutional quantitative evaluation and clinical validation of Smart Probabilistic Image Contouring Engine (SPICE) autosegmentation of target structures and normal tissues on computer tomography images in the head and neck, thorax, liver, and male pelvis areas. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2013</b> , 87, 809-16	4	24
158	Accuracy of deformable image registration for contour propagation in adaptive lung radiotherapy. <i>Radiation Oncology</i> , <b>2013</b> , 8, 243	4.2	51
157	Dose-limiting toxicity after hypofractionated dose-escalated radiotherapy in non-small-cell lung cancer. <i>Journal of Clinical Oncology</i> , <b>2013</b> , 31, 4343-8	2.2	107
156	Hippocampal dosimetry predicts neurocognitive function impairment after fractionated stereotactic radiotherapy for benign or low-grade adult brain tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2013</b> , 85, 348-54	4	187
155	Normal tissue dose and second cancer risk due to megavoltage fan-beam CT, static tomotherapy and helical tomotherapy in breast radiotherapy. <i>Radiotherapy and Oncology</i> , <b>2013</b> , 108, 266-8	5.3	8
154	A dosimetric analysis of tomotherapy based intensity modulated radiation therapy with and without bone marrow sparing in gynecologic malignancies. <i>Technology in Cancer Research and Treatment</i> , <b>2013</b> , 12, 19-29	2.7	8
153	Acute hematologic and mucosal toxicities in head and neck cancer patients undergoing chemoradiotherapy: a comparison of 3D-CRT, IMRT, and helical tomotherapy. <i>Technology in Cancer Research and Treatment</i> , <b>2013</b> , 12, 383-9	2.7	11
152	Feasibility study and optimum loading pattern of a multi-ring inflatable intravaginal applicator. <i>Journal of Contemporary Brachytherapy</i> , <b>2013</b> , 5, 93-100	1.9	5
151	On the use of biomathematical models in patient-specific IMRT dose QA. <i>Medical Physics</i> , <b>2013</b> , 40, 071702	4.4	18
150	A generalized 2D pencil beam scaling algorithm for proton dose calculation in heterogeneous slab geometries. <i>Medical Physics</i> , <b>2013</b> , 40, 061706	4.4	8
149	Point/counterpoint. Therapeutic rather than diagnostic medical physicists should lead the development and clinical implementation of image-guided nonionizing therapeutic modalities such as MR-guided high-intensity ultrasound. <i>Medical Physics</i> , <b>2013</b> , 40, 030601	4.4	
148	Dosimetric comparison of 3D-field-in-field technique and inverse planning IMRT for large-breasted patients treated in prone position.. <i>Journal of Clinical Oncology</i> , <b>2013</b> , 31, 79-79	2.2	
147	Phase I trial of pelvic nodal dose escalation with hypofractionated IMRT for high-risk prostate cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2012</b> , 82, 184-90	4	43
146	Variations in the contouring of organs at risk: test case from a patient with oropharyngeal cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2012</b> , 82, 368-78	4	132

145	Hippocampal dosimetry predicts neurocognitive function impairment after fractionated stereotactic radiotherapy for benign or low-grade adult brain tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2012</b> , 83, e487-93	4	109
144	Is high-dose stereotactic body radiotherapy (SBRT) for stage I non-small cell lung cancer (NSCLC) overkill? A systematic review. <i>Radiotherapy and Oncology</i> , <b>2012</b> , 105, 145-9	5.3	79
143	Heterogeneity in head and neck IMRT target design and clinical practice. <i>Radiotherapy and Oncology</i> , <b>2012</b> , 103, 92-8	5.3	95
142	Improvements in dose calculation accuracy for small off-axis targets in high dose per fraction tomotherapy. <i>Medical Physics</i> , <b>2012</b> , 39, 4788-94	4.4	5
141	On proton CT reconstruction using MVCT-converted virtual proton projections. <i>Medical Physics</i> , <b>2012</b> , 39, 2997-3008	4.4	7
140	A multi-institution evaluation of deformable image registration algorithms for automatic organ delineation in adaptive head and neck radiotherapy. <i>Radiation Oncology</i> , <b>2012</b> , 7, 90	4.2	69
139	On the dosimetric effect and reduction of inverse consistency and transitivity errors in deformable image registration for dose accumulation. <i>Medical Physics</i> , <b>2012</b> , 39, 272-80	4.4	40
138	Quality assurance for nonradiographic radiotherapy localization and positioning systems: report of Task Group 147. <i>Medical Physics</i> , <b>2012</b> , 39, 1728-47	4.4	63
137	Point/counterpoint: it is not appropriate to "deform" dose along with deformable image registration in adaptive radiotherapy. <i>Medical Physics</i> , <b>2012</b> , 39, 6531-3	4.4	62
136	Risk-adaptive volumetric modulated arc therapy using biological objective functions for subvolume boosting in radiotherapy. <i>Computational and Mathematical Methods in Medicine</i> , <b>2012</b> , 2012, 348471	2.8	4
135	Application of a whole-body pharmacokinetic model for targeted radionuclide therapy to NM404 and FLT. <i>Physics in Medicine and Biology</i> , <b>2012</b> , 57, 1641-57	3.8	10
134	In regards to Kirby et al. "Physics strategies for sparing neural stem cells during whole-brain radiation treatments," [Med. Phys. 38, 5338 (2011)]. <i>Medical Physics</i> , <b>2012</b> , 39, 1677-8; author reply 1679 <sup>4.4</sup>		
133	On a single isocenter volumetric modulated arc therapy SRS planning technique for multiple brain metastases. <i>Journal of Radiosurgery and SBRT</i> , <b>2012</b> , 2, 1-9	0.4	12
132	Stereotactic Irradiation <b>2012</b> , 331-343		1
131	In response to "The distribution of brain metastases in the perihippocampal region (regarding Gondi et al., Radiother. Oncol. 2010; 95: 327-331) by van Kesteren et al. <i>Radiotherapy and Oncology</i> , <b>2011</b> , 98, 284	5.3	2
130	Dosimetric comparison of left-sided whole breast irradiation with 3DCRT, forward-planned IMRT, inverse-planned IMRT, helical tomotherapy, and topotherapy. <i>Radiotherapy and Oncology</i> , <b>2011</b> , 100, 241-6	5.3	122
129	Stereotactic body radiation therapy in non-small-cell lung cancer: linking radiobiological modeling and clinical outcome. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , <b>2011</b> , 34, 432-41	2.7	11
128	A comparison of helical tomotherapy to circular collimator-based linear-accelerator radiosurgery for the treatment of brain metastases. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , <b>2011</b> , 34, 388-94	2.7	12

127	High dose per fraction dosimetry of small fields with gafchromic EBT2 film. <i>Medical Physics</i> , <b>2011</b> , 38, 4081-5	4.4	32
126	Quality assurance of U.S.-guided external beam radiotherapy for prostate cancer: report of AAPM Task Group 154. <i>Medical Physics</i> , <b>2011</b> , 38, 857-71	4.4	35
125	Comparison of prostate IMRT and VMAT biologically optimised treatment plans. <i>Medical Dosimetry</i> , <b>2011</b> , 36, 292-8	1.3	54
124	A technique for stereotactic radiosurgery treatment planning with helical tomotherapy. <i>Medical Dosimetry</i> , <b>2011</b> , 36, 46-56	1.3	22
123	Reirradiation of large-volume recurrent glioma with pulsed reduced-dose-rate radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2011</b> , 79, 835-41	4	54
122	In Response to Dr. Knisely and Colleagues. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2011</b> , 79, 958	4	1
121	Bragg peak prediction from quantitative proton computed tomography using different path estimates. <i>Physics in Medicine and Biology</i> , <b>2011</b> , 56, 587-99	3.8	19
120	Moving from gamma passing rates to patient DVH-based QA metrics in pretreatment dose QA. <i>Medical Physics</i> , <b>2011</b> , 38, 5477-89	4.4	190
119	Per-beam, planar IMRT QA passing rates do not predict clinically relevant patient dose errors. <i>Medical Physics</i> , <b>2011</b> , 38, 1037-44	4.4	313
118	Incidence of rib fractures after stereotactic body radiotherapy for peripheral lung lesions: clinical experience and dose response estimation. <i>Journal of Radiosurgery and SBRT</i> , <b>2011</b> , 1, 155-161	0.4	
117	Prognostic factors for complete obliteration of arteriovenous malformations treated with LINAC-based stereotactic radiosurgery. <i>Journal of Radiosurgery and SBRT</i> , <b>2011</b> , 1, 203-211	0.4	
116	Initial clinical experience with stereotactic lung radiotherapy, based on a biological model-driven prescription method. <i>Journal of Radiosurgery and SBRT</i> , <b>2011</b> , 1, 221-229	0.4	
115	Dosimetric impact of daily setup variations during treatment of canine nasal tumors using intensity-modulated radiation therapy. <i>Veterinary Radiology and Ultrasound</i> , <b>2010</b> , 51, 90-6	1.2	17
114	Reirradiation of glioblastoma through the use of a reduced dose rate on a tomotherapy unit. <i>Technology in Cancer Research and Treatment</i> , <b>2010</b> , 9, 399-406	2.7	7
113	Stereotactic body radiation therapy: the report of AAPM Task Group 101. <i>Medical Physics</i> , <b>2010</b> , 37, 4078-101	4.4	1177
112	On correlated sources of uncertainty in four dimensional computed tomography data sets. <i>Technology in Cancer Research and Treatment</i> , <b>2010</b> , 9, 299-306	2.7	3
111	In vivo real-time rectal wall dosimetry for prostate radiotherapy. <i>Physics in Medicine and Biology</i> , <b>2010</b> , 55, 3859-71	3.8	50
110	On the use of a proton path probability map for proton computed tomography reconstruction. <i>Medical Physics</i> , <b>2010</b> , 37, 4138-45	4.4	24



109	Dose-painting IMRT optimization using biological parameters. <i>Acta Oncologica</i> , <b>2010</b> , 49, 1374-84	3.2	16
108	Estimated risk of perihippocampal disease progression after hippocampal avoidance during whole-brain radiotherapy: safety profile for RTOG 0933. <i>Radiotherapy and Oncology</i> , <b>2010</b> , 95, 327-31	5.3	136
107	Why avoid the hippocampus? A comprehensive review. <i>Radiotherapy and Oncology</i> , <b>2010</b> , 97, 370-6	5.3	247
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