

Frank Lohr

List of Publications by Year in descending order

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Version: 2024-02-01

189
papers

6,967
citations

76031

42
h-index

90395

73
g-index

215
all docs

215
docs citations

215
times ranked

5919
citing authors

#	ARTICLE	IF	CITATIONS
1	Radiotherapy-induced subclinical skin changes revealed by dynamic optical coherence tomography: a case-controlled pilot study. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2022, 36, .	1.3	0
2	Nivolumab in Combination with Stereotactic Body Radiotherapy in Pretreated Patients with Metastatic Renal Cell Carcinoma. Results of the Phase II NIVES Study. <i>European Urology</i> , 2022, 81, 274-282.	0.9	55
3	Motion Management in a Patient With Tracheostomy During Lung Stereotactic Body Radiation Therapy: Breath Hold Is Worth a Try. <i>Advances in Radiation Oncology</i> , 2022, 7, 100895.	0.6	1
4	How radical prostatectomy procedures have changed over the last 10 years in Italy: a comparative analysis based on more than 1500 patients participating in the MIRROR-SIU/LUNA and the Pros-IT CNR study. <i>World Journal of Urology</i> , 2021, 39, 1445-1452.	1.2	0
5	Impact of Gastrointestinal Side Effects on Patients' Reported Quality of Life Trajectories after Radiotherapy for Prostate Cancer: Data from the Prospective, Observational Pros-IT CNR Study. <i>Cancers</i> , 2021, 13, 1479.	1.7	5
6	Radiomics classifier to quantify automatic segmentation quality of cardiac sub-structures for radiotherapy treatment planning. <i>Physica Medica</i> , 2021, 83, 278-286.	0.4	10
7	Liver SBRT with active motion-compensation results in excellent local control for liver oligometastases: An outcome analysis of a pooled multi-platform patient cohort. <i>Radiotherapy and Oncology</i> , 2021, 158, 230-236.	0.3	8
8	How Has Prostate Cancer Radiotherapy Changed in Italy between 2004 and 2011? An Analysis of the National Patterns-Of-Practice (POP) Database by the Uro-Oncology Study Group of the Italian Society of Radiotherapy and Clinical Oncology (AIRO). <i>Cancers</i> , 2021, 13, 2702.	1.7	4
9	Sequential chemo-hypofractionated RT versus concurrent standard CRT for locally advanced NSCLC: GRADE recommendation by the Italian Association of Radiotherapy and Clinical Oncology (AIRO). <i>Radiologia Medica</i> , 2021, 126, 1117-1128.	4.7	18
10	A Real-World, Multicenter, Observational Retrospective Study of Durvalumab After Concomitant or Sequential Chemoradiation for Unresectable Stage III Non-Small Cell Lung Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 744956.	1.3	22
11	The NIPRO Study: An Observational, Retrospective, Multicenter Study on the Safety of the Radiotherapy and Immunotherapy Combination for Advanced-Stage NSCLC. <i>Clinical Lung Cancer</i> , 2021, 22, e767-e773.	1.1	8
12	A Multicenter Large Retrospective Database on the Personalization of Stereotactic Ablative Radiotherapy for Lung Metastases From Colon-Rectal Cancer: The LaIT-SABR Study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 111, e65-e66.	0.4	0
13	Long-Term Characterization of MRI-Morphologic Alterations After Active Motion-Compensated Liver SBRT. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 111, e74.	0.4	0
14	Response to Letter to the Editor Titled "Surgery or Stereotactic Body Radiotherapy for Early Stage Lung Cancer: What is the Current Evidence?" <i>Clinical Lung Cancer</i> , 2020, 21, e35-e36.	1.1	0
15	Hierarchical clustering applied to automatic atlas based segmentation of 25 cardiac sub-structures. <i>Physica Medica</i> , 2020, 69, 70-80.	0.4	19
16	Radiotherapy-induced malfunctions of cardiac implantable electronic devices in cancer patients. <i>Internal and Emergency Medicine</i> , 2020, 15, 967-973.	1.0	9
17	Unexpected tumor response to palliative pelvic radiotherapy in mismatch repair-deficient advanced prostate cancer: a case report. <i>Journal of Medical Case Reports</i> , 2020, 14, 239.	0.4	0
18	PROLAPSE: survey about local prostate cancer relapse salvage treatment with external beam re-irradiation: results of the Italian Association of Radiotherapy and Clinical Oncology (AIRO). <i>Journal of Cancer Research and Clinical Oncology</i> , 2020, 146, 2311-2317.	1.2	9

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19	Overview of potential determinants of radical prostatectomy versus radiation therapy in management of clinically localized prostate cancer: results from an Italian, prospective, observational study (the Tj ETQq1 1 0.784314 rgBTj/Overlock	3.9	10
20	Treatment paths for localised prostate cancer in Italy: The results of a multidisciplinary, observational, prospective study (Pros-IT CNR). PLoS ONE, 2019, 14, e0224151.	1.1	8
21	Ultrasound-based repositioning and real-time monitoring for abdominal SBRT in DIBH. Physica Medica, 2019, 65, 46-52.	0.4	8
22	Postoperative elective pelvic nodal irradiation compared to prostate bed irradiation in locally advanced prostate cancer â€“ a retrospective analysis of dose-escalated patients. Radiation Oncology, 2019, 14, 96.	1.2	2
23	Radiation-induced optic neuropathy after stereotactic and image guided intensity-modulated radiation therapy (IMRT). Radiotherapy and Oncology, 2019, 134, 166-177.	0.3	13
24	Evaluation of the effectiveness of novel single-intervention adaptive radiotherapy strategies based on daily dose accumulation. Medical Dosimetry, 2019, 44, 379-384.	0.4	5
25	Macroscopic locoregional relapse from prostate cancer: which role for salvage radiotherapy?. Clinical and Translational Oncology, 2019, 21, 1532-1537.	1.2	13
26	Impact of Surgical Approach on Patient-Reported Outcomes after Radical Prostatectomy: A Propensity Score-Weighted Analysis from a Multicenter, Prospective, Observational Study (The Pros-IT CNR) Tj ETQq0 0 0 rgBTj/Overlock 20 Tf 50 4	1.1	10
27	In-vivo treatment accuracy analysis of active motion-compensated liver SBRT through registration of plan dose to post-therapeutic MRI-morphologic alterations. Radiotherapy and Oncology, 2019, 134, 158-165.	0.3	16
28	Quality of Life and Decision Regret After Postoperative Radiation Therapy to the Prostatic Bed Region With or Without Elective Pelvic Nodal Radiation Therapy. Practical Radiation Oncology, 2019, 9, e516-e527.	1.1	1
29	Stereotactic Ablative Radiotherapy as an Alternative to Lobectomy in Patients With Medically Operable Stage I NSCLC: A Retrospective, Multicenter Analysis. Clinical Lung Cancer, 2019, 20, e53-e61.	1.1	25
30	Automated ultrafast kilovoltageâ€“megavoltage cone-beam CT for image guided radiotherapy of lung cancer: System description and real-time results. Zeitschrift Fur Medizinische Physik, 2018, 28, 110-120.	0.6	3
31	Determination of Intrafraction Prostate Motion During External Beam Radiation Therapy With a Transperineal 4-Dimensional Ultrasound Real-Time Tracking System. International Journal of Radiation Oncology Biology Physics, 2018, 101, 136-143.	0.4	37
32	Direct dose correlation of MRI morphologic alterations of healthy liver tissue after robotic liver SBRT. Strahlentherapie Und Onkologie, 2018, 194, 414-424.	1.0	18
33	Characterization and clinical evaluation of a novel 2D detector array for conventional and flattening filter free (FFF) IMRT pre-treatment verification. Zeitschrift Fur Medizinische Physik, 2018, 28, 134-141.	0.6	2
34	Intensity Modulated Radiation Therapy and Second Cancer Risk in Adults. International Journal of Radiation Oncology Biology Physics, 2018, 100, 17-20.	0.4	29
35	Correspondence on Rajyaguru et al. Journal of Clinical Oncology, 2018, 36, 2561-2562.	0.8	2
36	Non-coplanar VMAT combined with non-uniform dose prescription markedly reduces lung dose in breath-hold lung SBRT. Strahlentherapie Und Onkologie, 2018, 194, 815-823.	1.0	9

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37	An offline technique to evaluate residual motion of the diaphragm during deep inspiratory breath-hold from cone-beam CT datasets. <i>Strahlentherapie Und Onkologie</i> , 2018, 194, 855-860.	1.0	6
38	Adjuvant therapy in resectable gastric cancer—the CRITICS trial. <i>Lancet Oncology</i> , The, 2018, 19, e329.	5.1	0
39	Fully automated, multi-criterial planning for Volumetric Modulated Arc Therapy — An international multi-center validation for prostate cancer. <i>Radiotherapy and Oncology</i> , 2018, 128, 343-348.	0.3	62
40	Disease-specific and general health-related quality of life in newly diagnosed prostate cancer patients: the Pros-IT CNR study. <i>Health and Quality of Life Outcomes</i> , 2018, 16, 122.	1.0	24
41	Intra-breath-hold residual motion of image-guided DIBH liver-SBRT: An estimation by ultrasound-based monitoring correlated with diaphragm position in CBCT. <i>Radiotherapy and Oncology</i> , 2018, 129, 441-448.	0.3	31
42	Automated VMAT planning for postoperative adjuvant treatment of advanced gastric cancer. <i>Radiation Oncology</i> , 2018, 13, 74.	1.2	18
43	Detection of Local Recurrence with 3-Tesla MRI After Radical Prostatectomy: A Useful Method for Radiation Treatment Planning?. <i>In Vivo</i> , 2018, 32, 125-131.	0.6	7
44	The future of <sc>MRI</sc> in radiation therapy belongs to integrated <sc>MRI</sc>—linac systems, not the standalone <sc>MRI</sc>—Sim. <i>Medical Physics</i> , 2017, 44, 791-794.	1.6	4
45	Small bowel protection in IMRT for rectal cancer. <i>Strahlentherapie Und Onkologie</i> , 2017, 193, 578-588.	1.0	10
46	Pros-IT CNR: an Italian prostate cancer monitoring project. <i>Aging Clinical and Experimental Research</i> , 2017, 29, 165-172.	1.4	26
47	A multinational report of technical factors on stereotactic body radiotherapy for oligometastases. <i>Future Oncology</i> , 2017, 13, 1081-1089.	1.1	13
48	Fully automated treatment planning of spinal metastases — A comparison to manual planning of Volumetric Modulated Arc Therapy for conventionally fractionated irradiation. <i>Radiation Oncology</i> , 2017, 12, 33.	1.2	28
49	Efficacy of stereotactic body radiotherapy in oligorecurrent and in oligoprogressive prostate cancer: new evidence from a multicentric study. <i>British Journal of Cancer</i> , 2017, 116, 1520-1525.	2.9	121
50	—comparison of swallowing dysfunction after three-dimensional conformal and intensity-modulated radiotherapy. <i>Strahlentherapie Und Onkologie</i> , 2017, 193, 877-889.	1.0	31
51	Expert system classifier for adaptive radiation therapy in prostate cancer. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2017, 40, 337-348.	1.4	12
52	—4D ultrasound real-time tracking system for external beam radiotherapy of upper abdominal lesions under breath-hold. <i>Strahlentherapie Und Onkologie</i> , 2017, 193, 213-220.	1.0	12
53	Influence of Institutional Experience and Technological Advances on Outcome of Stereotactic Body Radiation Therapy for Oligometastatic Lung Disease. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 98, 511-520.	0.4	42
54	Quality of Life After Prostate Cancer Diagnosis: Data from the Pros-IT CNR. <i>European Urology Focus</i> , 2017, 3, 321-324.	1.6	15

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55	Immune tolerance induction by nonmyeloablative haploidentical HSCT combining T-cell depletion and posttransplant cyclophosphamide. <i>Blood Advances</i> , 2017, 1, 2166-2175.	2.5	16
56	Critical appraisal of the role of volumetric modulated arc therapy in the radiation therapy management of breast cancer. <i>Radiation Oncology</i> , 2017, 12, 200.	1.2	26
57	Phantom-based evaluation of dose exposure of ultrafast combined kV-MV-CBCT towards clinical implementation for IGRT of lung cancer. <i>PLoS ONE</i> , 2017, 12, e0187710.	1.1	7
58	MRI morphologic alterations after liver SBRT. <i>Strahlentherapie Und Onkologie</i> , 2016, 192, 641-648.	1.0	13
59	SIS epidemiological model for adaptive RT: Forecasting the parotid glands shrinkage during tomotherapy treatment. <i>Medical Physics</i> , 2016, 43, 4294-4303.	1.6	5
60	Patient-specific online dose verification based on transmission detector measurements. <i>Radiotherapy and Oncology</i> , 2016, 119, 351-356.	0.3	29
61	The GNAQ in the haystack: intramedullary meningeal melanocytoma of intermediate grade at T9 in a 58-year-old woman. <i>Journal of Neurosurgery</i> , 2016, 125, 53-56.	0.9	9
62	A multi-national report on stereotactic body radiotherapy for oligometastases: Patient selection and follow-up*. <i>Acta Oncologica</i> , 2016, 55, 633-637.	0.8	26
63	Towards clinical implementation of ultrafast combined kV-MV CBCT for IGRT of lung cancer. <i>Strahlentherapie Und Onkologie</i> , 2016, 192, 312-321.	1.0	12
64	In Regard to Boda-Heggemann et al. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 96, 709-710.	0.4	3
65	A machine learning tool for re-planning and adaptive RT: A multicenter cohort investigation. <i>Physica Medica</i> , 2016, 32, 1659-1666.	0.4	46
66	Genital invasion or perigenital spread may pose a risk of marginal misses for Intensity Modulated Radiotherapy (IMRT) in anal cancer. <i>Radiation Oncology</i> , 2016, 11, 53.	1.2	12
67	Overall survival after reirradiation of spinal metastases – independent validation of predictive models. <i>Radiation Oncology</i> , 2016, 11, 35.	1.2	3
68	Automatically gated image-guided breath-hold IMRT is a fast, precise, and dosimetrically robust treatment for lung cancer patients. <i>Strahlentherapie Und Onkologie</i> , 2016, 192, 166-173.	1.0	6
69	Deep Inspiration Breath Hold-Based Radiation Therapy: A Clinical Review. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 94, 478-492.	0.4	184
70	Characterization of a new transmission detector for patient individualized online plan verification and its influence on 6MV X-ray beam characteristics. <i>Zeitschrift Fur Medizinische Physik</i> , 2016, 26, 200-208.	0.6	22
71	Quantification and Assessment of Interfraction Setup Errors Based on Cone Beam CT and Determination of Safety Margins for Radiotherapy. <i>PLoS ONE</i> , 2016, 11, e0150326.	1.1	16
72	Prognostic Relevance of HPV Infection and p16 Overexpression in Squamous Cell Anal Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 93, 819-827.	0.4	62

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73	Robustness of sweeping window arc therapy treatment sequences against intrafractional tumor motion. <i>Medical Physics</i> , 2015, 42, 1538-1545.	1.6	5
74	Flattening filter free beams from TrueBeam and Versa HD units: Evaluation of the parameters for quality assurance. <i>Medical Physics</i> , 2015, 43, 205-212.	1.6	24
75	Dose-dependent changes in renal ¹ H-/ ²³ Na MRI after adjuvant radiochemotherapy for gastric cancer. <i>Strahlentherapie Und Onkologie</i> , 2015, 191, 356-364.	1.0	4
76	Stereotactic ultrasound for target volume definition in a patient with prostate cancer and bilateral total hip replacement. <i>Practical Radiation Oncology</i> , 2015, 5, 197-202.	1.1	4
77	Optimized Volumetric Modulated Arc Therapy Versus 3D-CRT for Early Stage Mediastinal Hodgkin Lymphoma Without Axillary Involvement: A Comparison of Second Cancers and Heart Disease Risk. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 92, 161-168.	0.4	55
78	Review of potential improvements using MRI in the radiotherapy workflow. <i>Zeitschrift Fur Medizinische Physik</i> , 2015, 25, 210-220.	0.6	14
79	Cardiac Function After Multimodal Breast Cancer Therapy Assessed With Functional Magnetic Resonance Imaging and Echocardiography Imaging. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 93, 836-844.	0.4	38
80	Accelerating total body irradiation with large field modulated arc therapy in standard treatment rooms without additional equipment. <i>Strahlentherapie Und Onkologie</i> , 2015, 191, 869-874.	1.0	6
81	Novel radiotherapy techniques for involved-field and involved-node treatment of mediastinal Hodgkin lymphoma. <i>Strahlentherapie Und Onkologie</i> , 2014, 190, 864-871.	1.0	16
82	No evidence of oncogenic KRAS mutations in squamous cell carcinomas of the anogenital tract and head and neck region independent of human papillomavirus and p16INK4a status. <i>Human Pathology</i> , 2014, 45, 2347-2354.	1.1	17
83	Arc therapy for total body irradiation – A robust novel treatment technique for standard treatment rooms. <i>Radiotherapy and Oncology</i> , 2014, 110, 553-557.	0.3	34
84	Clinical outcome of hypofractionated breath-hold image-guided SABR of primary lung tumors and lung metastases. <i>Radiation Oncology</i> , 2014, 9, 10.	1.2	15
85	Adjuvant IMRT/XELOX radiochemotherapy improves long-term overall- and disease-free survival in advanced gastric cancer. <i>Strahlentherapie Und Onkologie</i> , 2013, 189, 417-423.	1.0	20
86	Intensity modulated radiosurgery of brain metastases with flattening filter-free beams. <i>Radiotherapy and Oncology</i> , 2013, 109, 448-451.	0.3	50
87	Development of a Geant4 based Monte Carlo Algorithm to evaluate the MONACO VMAT treatment accuracy. <i>Zeitschrift Fur Medizinische Physik</i> , 2013, 23, 33-45.	0.6	20
88	A novel surface imaging system for patient positioning and surveillance during radiotherapy. <i>Strahlentherapie Und Onkologie</i> , 2013, 189, 938-944.	1.0	59
89	Dose-escalated salvage radiotherapy after radical prostatectomy in high risk prostate cancer patients without hormone therapy: outcome, prognostic factors and late toxicity. <i>Radiation Oncology</i> , 2013, 8, 276.	1.2	32
90	Flattening-filter-free intensity modulated breath-hold image-guided SABR (Stereotactic Ablative) Tj ETQqO 0 0 rgBT /Overlock 10 Tf 50 62	0.3	42

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91	Clinical evaluation of a commercial surface-imaging system for patient positioning in radiotherapy. <i>Strahlentherapie Und Onkologie</i> , 2012, 188, 1080-1084.	1.0	22
92	Assessment of renal function after conformal radiotherapy and intensity-modulated radiotherapy by functional ¹ H-MRI and ²³ Na-MRI. <i>Strahlentherapie Und Onkologie</i> , 2012, 188, 1146-1154.	1.0	20
93	Radiotherapy for Early Mediastinal Hodgkin Lymphoma According to the German Hodgkin Study Group (GHSG): The Roles of Intensity-Modulated Radiotherapy and Involved-Node Radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 83, 268-276.	0.4	58
94	Performance of an atlas-based autosegmentation software for delineation of target volumes for radiotherapy of breast and anorectal cancer. <i>Radiotherapy and Oncology</i> , 2012, 102, 68-73.	0.3	82
95	Comparison of anisotropic aperture based intensity modulated radiotherapy with 3D-conformal radiotherapy for the treatment of large lung tumors. <i>Radiotherapy and Oncology</i> , 2012, 102, 268-273.	0.3	5
96	Radiotherapy for tumors of the stomach and gastroesophageal junction – a review of its role in multimodal therapy. <i>Radiation Oncology</i> , 2012, 7, 192.	1.2	18
97	Hypofractionated image-guided breath-hold SABR (Stereotactic Ablative Body Radiotherapy) of liver metastases – clinical results. <i>Radiation Oncology</i> , 2012, 7, 92.	1.2	27
98	Motion Compensation in Radiotherapy. <i>Critical Reviews in Biomedical Engineering</i> , 2012, 40, 187-197.	0.5	34
99	Clinical relevance of different dose calculation strategies for mediastinal IMRT in Hodgkin's disease. <i>Strahlentherapie Und Onkologie</i> , 2012, 188, 653-659.	1.0	4
100	Are three doses of stereotactic ablative radiotherapy (SABR) more effective than 30 doses of conventional radiotherapy?. <i>Translational Lung Cancer Research</i> , 2012, 1, 45-53.	1.3	6
101	Evaluation of a 2D detector array for patient-specific VMAT QA with different setups. <i>Physics in Medicine and Biology</i> , 2011, 56, 7163-7177.	1.6	45
102	Multiple breath-hold CBCT for online image guided radiotherapy of lung tumors: Simulation with a dynamic phantom and first patient data. <i>Radiotherapy and Oncology</i> , 2011, 98, 309-316.	0.3	45
103	A comparison of several modulated radiotherapy techniques for head and neck cancer and dosimetric validation of VMAT. <i>Radiotherapy and Oncology</i> , 2011, 101, 388-393.	0.3	57
104	Patient-Specific 3D Pretreatment and Potential 3D Online Dose Verification of Monte Carlo-Calculated IMRT Prostate Treatment Plans. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 81, 1168-1175.	0.4	48
105	A novel lateral disequilibrium inclusive (LDI) pencil-beam based dose calculation algorithm: Evaluation in inhomogeneous phantoms and comparison with Monte Carlo calculations. <i>Medical Physics</i> , 2011, 38, 1627-1634.	1.6	2
106	Ferumoxtran-10 MR Lymphography for Target Definition and Follow-up in a Patient Undergoing Image-Guided, Dose-Escalated Radiotherapy of Lymph Nodes upon PSA Relapse. <i>Strahlentherapie Und Onkologie</i> , 2011, 187, 206-212.	1.0	15
107	Reirradiation of Spinal Column Metastases. <i>Strahlentherapie Und Onkologie</i> , 2011, 187, 406-415.	1.0	23
108	kV Cone-Beam CT-Based IGRT. <i>Strahlentherapie Und Onkologie</i> , 2011, 187, 284-291.	1.0	177

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109	SU-E-T-441: Sensitivity of a 3D-Verification System to VMAT Delivery Errors. <i>Medical Physics</i> , 2011, 38, 3590-3590.	1.6	0
110	Experimental validation of a commercial 3D dose verification system for intensity-modulated arc therapies. <i>Physics in Medicine and Biology</i> , 2010, 55, 5619-5633.	1.6	57
111	Clinical Implementation of Volumetric Intensity-Modulated Arc Therapy (VMAT) with ERGO++. <i>Strahlentherapie Und Onkologie</i> , 2010, 186, 280-288.	1.0	29
112	Long-term adjuvant administration of temozolomide in patients with glioblastoma multiforme: experience of a single institution. <i>Journal of Cancer Research and Clinical Oncology</i> , 2010, 136, 1691-1695.	1.2	49
113	Stereotactic, Single-Dose Irradiation of Lung Tumors: A Comparison of Absolute Dose and Dose Distribution Between Pencil Beam and Monte Carlo Algorithms Based on Actual Patient CT Scans. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 78, 955-963.	0.4	31
114	Breath-Hold Target Localization With Simultaneous Kilovoltage/Megavoltage Cone-Beam Computed Tomography and Fast Reconstruction. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 78, 1219-1226.	0.4	23
115	Fast kilovoltage/megavoltage (kVMV) breathhold cone-beam CT for image-guided radiotherapy of lung cancer. <i>Physics in Medicine and Biology</i> , 2010, 55, 4203-4217.	1.6	36
116	Recurrence pattern in glioblastoma multiforme patients treated with anti-angiogenic chemotherapy. <i>Journal of Cancer Research and Clinical Oncology</i> , 2009, 135, 1239-1244.	1.2	30
117	Combined Adjuvant Radiochemotherapy With IMRT/XELOX Improves Outcome With Low Renal Toxicity in Gastric Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 75, 1187-1195.	0.4	35
118	Accuracy of Ultrasound-Based Image Guidance for Daily Positioning of the Upper Abdomen: An Online Comparison With Cone Beam CT. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 74, 892-897.	0.4	30
119	A Novel Device for Intravaginal Electronic Brachytherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 74, 1298-1305.	0.4	42
120	IMRT for Gastric Cancer: What is its Full Potential? In Regard to Alani et al. (<i>Int J Radiat Oncol Biol</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.4	0
121	Phantom Measurements to Quantify the Accuracy of a Commercially Available Cone-Beam CT Gray-Value Matching Algorithm Using Multiple Fiducials. <i>Strahlentherapie Und Onkologie</i> , 2009, 185, 49-55.	1.0	11
122	Impact of Residual Setup Error on Parotid Gland Dose in Intensity-Modulated Radiation therapy with or without Planning Organ-at-Risk Margin. <i>Strahlentherapie Und Onkologie</i> , 2009, 185, 453-459.	1.0	17
123	Development of a neuro-fuzzy technique for automated parameter optimization of inverse treatment planning. <i>Radiation Oncology</i> , 2009, 4, 39.	1.2	16
124	A fast radiotherapy paradigm for anal cancer with volumetric modulated arc therapy (VMAT). <i>Radiation Oncology</i> , 2009, 4, 48.	1.2	33
125	A new strategy for online adaptive prostate radiotherapy based on cone-beam CT. <i>Zeitschrift Fur Medizinische Physik</i> , 2009, 19, 264-276.	0.6	34
126	Potential Effect of Robust and Simple IMRT Approach for Left-Sided Breast Cancer on Cardiac Mortality. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 74, 73-80.	0.4	115

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127	Volumetric modulated arc therapy (VMAT) vs. serial tomotherapy, step-and-shoot IMRT and 3D-conformal RT for treatment of prostate cancer. <i>Radiotherapy and Oncology</i> , 2009, 93, 226-233.	0.3	324
128	Improving Dose Homogeneity in Large Breasts by IMRT. <i>Strahlentherapie Und Onkologie</i> , 2008, 184, 86-92.	1.0	30
129	Reduced rectal toxicity with ultrasound-based image guided radiotherapy using BAT (B-mode). <i>Radiotherapy and Oncology</i> , 2009, 93, 674-678.	1.0	39
130	Intrafraction motion of the prostate during an IMRT session: a fiducial-based 3D measurement with Cone-beam CT. <i>Radiation Oncology</i> , 2008, 3, 37.	1.2	41
131	Image-Guided Radiation Therapy: Many Roads Lead to Rome?. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008, 70, 646-647.	0.4	1
132	Accuracy of Ultrasound-Based (BAT) Prostate-Repositioning: A Three-Dimensional On-Line Fiducial-Based Assessment With Cone-Beam Computed Tomography. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008, 70, 1247-1255.	0.4	59
133	Comparison of Volumetric Modulated Arc Therapy (VMAT) with Serial Tomotherapy and Segmental (step and Shoot) IMRT for Boost Treatment of Prostate Cancer. <i>Medical Physics</i> , 2008, 35, 2847-2847.	1.6	0
134	VMAT Compared to 3D-CRT and Step and Shoot IMRT for Anal Cancer Pelvis Treatment. <i>Medical Physics</i> , 2008, 35, 2851-2851.	1.6	0
135	Dosimetric consequences of a translational isocenter correction based on image guidance for intensity modulated radiotherapy (IMRT) of the prostate. <i>Physics in Medicine and Biology</i> , 2007, 52, 5655-5665.	1.6	28
136	Fiducial-based quantification of prostate tilt using cone beam computer tomography (CBCT). <i>Radiotherapy and Oncology</i> , 2007, 85, 247-250.	0.3	19
137	Phantom and in-vivo measurements of dose exposure by image-guided radiotherapy (IGRT): MV portal images vs. kV portal images vs. cone-beam CT. <i>Radiotherapy and Oncology</i> , 2007, 85, 418-423.	0.3	98
138	Preoperative thrombocytosis predicts poor survival in patients with glioblastoma. <i>Neuro-Oncology</i> , 2007, 9, 335-342.	0.6	71
139	Efficacy of Different Regimens of Adjuvant Radiochemotherapy for Treatment of Glioblastoma. <i>Tumori</i> , 2007, 93, 31-36.	0.6	11
140	Inhibition of 13-cis retinoic acid-induced gene expression of homeobox B7 by thalidomide. <i>International Journal of Cancer</i> , 2007, 121, 1205-1211.	2.3	6
141	Image-guided in vivo dosimetry for quality assurance of IMRT treatment for prostate cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007, 67, 288-295.	0.4	20
142	On the performances of different IMRT Treatment Planning Systems for selected paediatric cases. <i>Radiation Oncology</i> , 2007, 2, 7.	1.2	23
143	Evaluation of Calculation Algorithms Implemented in Different Commercial Planning Systems on an Anthropomorphic Breast Phantom Using Film Dosimetry. <i>Strahlentherapie Und Onkologie</i> , 2007, 183, 667-672.	1.0	26
144	Efficacy of different regimens of adjuvant radiochemotherapy for treatment of glioblastoma. <i>Tumori</i> , 2007, 93, 31-6.	0.6	4

#	ARTICLE	IF	CITATIONS
145	Optimization of extracranial stereotactic radiation therapy of small lung lesions using accurate dose calculation algorithms. Radiation Oncology, 2006, 1, 45.	1.2	39
146	In vivo dose measurements of extra dose from cone-beam computed tomography. International Journal of Radiation Oncology Biology Physics, 2006, 66, 632.	0.4	9
147	Repositioning accuracy of two different mask systemsâ€”3D revisited: Comparison using true 3D/3D matching with cone-beam CT. International Journal of Radiation Oncology Biology Physics, 2006, 66, 1568-1575.	0.4	87
148	Frameless Stereotactic Radiosurgery of a Solitary Liver Metastasis Using Active Breathing Control and Stereotactic Ultrasound. Strahlentherapie Und Onkologie, 2006, 182, 216-221.	1.0	39
149	Evaluation of Possible Prostate Displacement Induced by Pressure Applied during Transabdominal Ultrasound Image Acquisition. Strahlentherapie Und Onkologie, 2006, 182, 240-246.	1.0	48
150	Intensity-Modulated Radiation Therapy (IMRT) with Different Combinations of Treatment-Planning Systems and Linacs. Strahlentherapie Und Onkologie, 2006, 182, 481-488.	1.0	30
151	TH-C-330A-05: Analysis of the Point Spread Function of Isocentric Digital Tomosynthesis (DTS). Medical Physics, 2006, 33, 2266-2266.	1.6	3
152	Fast rigid registration in radiation therapy. Studies in Health Technology and Informatics, 2006, 119, 404-6.	0.2	1
153	Focal Gene Induction in the Liver of Rats by a Heat-Inducible Promoter Using Focused Ultrasound Hyperthermia. Investigative Radiology, 2005, 40, 729-735.	3.5	34
154	Management of small bowel interferences in primary radiotherapy of prostate cancer. Radiotherapy and Oncology, 2005, 75, 366-367.	0.3	2
155	IMRT for breast. A planning study. Radiotherapy and Oncology, 2005, 76, 300-310.	0.3	75
156	IMRT for postoperative treatment of gastric cancer: covering large target volumes in the upper abdomen: a comparison of a step-and-shoot and an arc therapy approach. International Journal of Radiation Oncology Biology Physics, 2004, 59, 1236-1244.	0.4	110
157	Prognostic Factors for Brain Metastases after Whole Brain Radiotherapy. Strahlentherapie Und Onkologie, 2004, 180, 268-273.	1.0	19
158	Optimization of Dose Distributions for Adjuvant Locoregional Radiotherapy of Gastric Cancer by IMRT. Strahlentherapie Und Onkologie, 2003, 179, 557-563.	1.0	60
159	Assessment of focal liver reaction by multiphasic CT after stereotactic single-dose radiotherapy of liver tumors. International Journal of Radiation Oncology Biology Physics, 2003, 57, 444-451.	0.4	144
160	Should patients with locally advanced, non-metastatic carcinoma of the pancreas be irradiated?. Pancreatology, 2003, 3, 359-366.	0.5	14
161	Cognitive function in patients with cerebral arteriovenous malformations after radiosurgery: prospective long-term follow-up. International Journal of Radiation Oncology Biology Physics, 2002, 54, 1430-1437.	0.4	33
162	Stereotactic Single-Dose Radiation Therapy of Liver Tumors: Results of a Phase I/II Trial. Journal of Clinical Oncology, 2001, 19, 164-170.	0.8	502

#	ARTICLE	IF	CITATIONS
163	Adjuvant treatment of brain metastases. <i>Journal of Surgical Oncology</i> , 2001, 20, 50-56.	1.4	67
164	Conformal radiotherapy of challenging paraspinal tumors using a multiple arc segment technique. <i>International Journal of Radiation Oncology Biology Physics</i> , 2000, 48, 1197-1204.	0.4	48
165	Prospective evaluation of delayed central nervous system (CNS) toxicity of hyperfractionated total body irradiation (TBI). <i>International Journal of Radiation Oncology Biology Physics</i> , 2000, 48, 1497-1501.	0.4	34
166	Comparison of intensity-modulated radiotherapy with conventional conformal radiotherapy for complex-shaped tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2000, 48, 1371-1380.	0.4	166
167	Enhancement of radiotherapy by hyperthermia-regulated gene therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2000, 48, 1513-1518.	0.4	60
168	Conventionally fractionated stereotactic radiotherapy (FSRT) for acoustic neuromas. <i>International Journal of Radiation Oncology Biology Physics</i> , 2000, 48, 1381-1387.	0.4	139
169	Cataract incidence after total-body irradiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2000, 46, 131-135.	0.4	39
170	Extracranial stereotactic radiation therapy: set-up accuracy of patients treated for liver metastases. <i>International Journal of Radiation Oncology Biology Physics</i> , 2000, 46, 329-335.	0.4	194
171	Neurobehavioral toxicity of total body irradiation: a follow-up in long-term survivors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2000, 46, 303-311.	0.4	58
172	Combination Treatment of Murine Tumors by Adenovirus-Mediated Local B7/IL12 Immunotherapy and Radiotherapy. <i>Molecular Therapy</i> , 2000, 2, 195-203.	3.7	50
173	Conformal three-dimensional photon radiotherapy for paranasal sinus tumors. <i>Radiotherapy and Oncology</i> , 2000, 56, 227-231.	0.3	27
174	Fractionated stereotactic conformal radiation therapy of brain stem gliomas: outcome and prognostic factors. <i>Radiotherapy and Oncology</i> , 2000, 57, 215-223.	0.3	45
175	Delivery of Plasmid DNA Through Intratumoral Infusion and Electroporation. , 2000, , .		0
176	Acute central nervous system (CNS) toxicity of total body irradiation (TBI) measured using neuropsychological testing of attention functions. <i>International Journal of Radiation Oncology Biology Physics</i> , 1999, 44, 891-894.	0.4	20
177	Noninvasive patient fixation for extracranial stereotactic radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 1999, 45, 521-527.	0.4	138
178	Ventricular Arrhythmia During MR Angiography With Fast Ramping Gradients in a Patient With Multiple Coronary Artery Bypass Grafts (CABG). <i>Journal of Magnetic Resonance Imaging</i> , 1999, 9, 624-626.	1.9	1
179	X-Ray induced changes in immunostaining of proliferating cell nuclear antigen (PCNA) in V79 hamster fibroblasts. <i>Strahlentherapie Und Onkologie</i> , 1998, 174, 575-579.	1.0	7
180	Assessment of neuropsychological changes in patients with arteriovenous malformation (AVM) after radiosurgery. <i>International Journal of Radiation Oncology Biology Physics</i> , 1998, 42, 995-999.	0.4	31

#	ARTICLE	IF	CITATIONS
181	Differential Sensitivity of Three Sublines of the Rat Dunning Prostate Tumor System R3327 to Radiation and/or Local Tumor Hyperthermia. <i>Radiation Research</i> , 1998, 150, 423.	0.7	29
182	Lethal pulmonary toxicity after autologous bone marrow transplantation/peripheral blood stem cell transplantation for hematological malignancies. <i>Radiotherapy and Oncology</i> , 1998, 48, 45-51.	0.3	35
183	Radiosurgery alone or in combination with whole-brain radiotherapy for brain metastases.. <i>Journal of Clinical Oncology</i> , 1998, 16, 3563-3569.	0.8	363
184	Simulation of 3D-treatment plans in head and neck tumors aided by matching of digitally reconstructed radiographs (DRR) and on-line distortion corrected simulator images. <i>Radiotherapy and Oncology</i> , 1997, 45, 199-207.	0.3	16
185	Predictive value of the flow cytometric PCNA assay (proliferating cell nuclear antigen) in head and neck tumors after accelerated-hyperfractionated radiochemotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 1997, 37, 771-776.	0.4	14
186	Migration patterns in pulsed-field electrophoresis of DNA restriction fragments from log-phase mammalian cells after irradiation and incubation for repair. <i>International Journal of Radiation Biology</i> , 1996, 70, 637-646.	1.0	6
187	Oxygen Tension Distribution in Head and Neck Carcinomas after Peroral Oxygen Therapy. <i>Oncology Research and Treatment</i> , 1995, 18, 136-140.	0.8	7
188	Comparison of proliferating cell nuclear antigen (PCNA) staining and BrdUrdâ€labelling index under different proliferative conditions <i>in vitro</i> by flow cytometry. <i>Cell Proliferation</i> , 1995, 28, 93-104.	2.4	29
189	Response of the Rat Dunning R3327-AT1 Prostate Tumor to Treatment with Fractionated Fast Neutrons. <i>Radiation Research</i> , 1992, 129, 112.	0.7	8