

# Frederik Wenz

## List of Publications by Year in descending order

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Version: 2024-02-01

206  
papers

7,816  
citations

61984

43  
h-index

62596

80  
g-index

213  
all docs

213  
docs citations

213  
times ranked

6820  
citing authors

#	ARTICLE	IF	CITATIONS
1	Postoperative stereotactic radiosurgery and hypofractionated radiotherapy for brain metastases using Gamma Knife and CyberKnife: a dual-center analysis. <i>Journal of Neurosurgical Sciences</i> , 2024, 68, .	0.6	1
2	Radiotherapy and newly approved cancer drugs – A quantitative analysis of registered protocols for drugs approved for the treatment of solid tumors. <i>Radiotherapy and Oncology</i> , 2022, 168, 69-74.	0.6	0
3	Long-Term Outcomes of an International Cooperative Study of Intraoperative Radiotherapy Upfront Boost With Low Energy X-Rays in Breast Cancer. <i>Frontiers in Oncology</i> , 2022, 12, 850351.	2.8	3
4	Drug repurposing using transcriptome sequencing and virtual drug screening in a patient with glioblastoma. <i>Investigational New Drugs</i> , 2021, 39, 670-685.	2.6	6
5	Navigating hospitals safely through the COVID-19 epidemic tide: Predicting case load for adjusting bed capacity. <i>Infection Control and Hospital Epidemiology</i> , 2021, 42, 653-658.	1.8	12
6	A knowledge-based quantitative approach to characterize treatment plan quality: Application to prostate VMAT planning. <i>Medical Physics</i> , 2021, 48, 94-104.	3.0	2
7	Cone Beam CT-Based Daily Adaptive Planning or Defined-Filling Protocol for Neoadjuvant Gastric Cancer Radiation Therapy: A Comparison. <i>Advances in Radiation Oncology</i> , 2021, 6, 100593.	1.2	3
8	Cardiac serum marker alterations after intraoperative radiotherapy with low-energy x-rays in early breast cancer as an indicator of possible cardiac toxicity. <i>Strahlentherapie Und Onkologie</i> , 2021, 197, 39-47.	2.0	2
9	Intraoperative radiotherapy for breast cancer: powerful evidence to change practice. <i>Nature Reviews Clinical Oncology</i> , 2021, 18, 187-188.	27.6	11
10	Gene Expression Profiles Reveal Extracellular Matrix and Inflammatory Signaling in Radiation-Induced Premature Differentiation of Human Fibroblast in vitro. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 539893.	3.7	7
11	New clinical and biological insights from the international TARGIT-A randomised trial of targeted intraoperative radiotherapy during lumpectomy for breast cancer. <i>British Journal of Cancer</i> , 2021, 125, 380-389.	6.4	30
12	Intracellular Delivery of Doxorubicin by Iron Oxide-Based Nano-Constructs Increases Clonogenic Inactivation of Ionizing Radiation in HeLa Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6778.	4.1	8
13	Partial breast irradiation with intraoperative radiotherapy in the ELIOT trial. <i>Lancet Oncology</i> , The, 2021, 22, e295-e296.	10.7	2
14	Dosimetric benefits of daily treatment plan adaptation for prostate cancer stereotactic body radiotherapy. <i>Radiation Oncology</i> , 2021, 16, 145.	2.7	5
15	Digital Follow-Up and the Perspective of Patient-Centered Care in Oncology: What's the PROblem?. <i>Oncology</i> , 2020, 98, 379-385.	1.9	21
16	Longitudinal MRI findings in patients with newly diagnosed glioblastoma after intraoperative radiotherapy. <i>Journal of Neuroradiology</i> , 2020, 47, 166-173.	1.1	6
17	Open-Label Phase II Evaluation of Imatinib in Primary Inoperable or Incompletely Resected and Recurrent Glioblastoma. <i>Oncology</i> , 2020, 98, 16-22.	1.9	23
18	Intraoperative radiotherapy for glioblastoma: an international pooled analysis. <i>Radiotherapy and Oncology</i> , 2020, 142, 162-167.	0.6	22

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19	Long-term outcome after intraoperative radiotherapy as a boost in breast cancer. <i>Strahlentherapie Und Onkologie</i> , 2020, 196, 349-355.	2.0	24
20	Impact of preoperative treatment on the CINSARC prognostic signature: translational research results from a phase I trial of the German Interdisciplinary Sarcoma Group (GISG 03). <i>Strahlentherapie Und Onkologie</i> , 2020, 196, 280-285.	2.0	1
21	Prospective trial on telemonitoring of geriatric cancer patients using handheld devices. <i>Strahlentherapie Und Onkologie</i> , 2020, 196, 205-212.	2.0	8
22	Long-term outcome after combined kyphoplasty and intraoperative radiotherapy (Kypho-IORT) for vertebral tumors. <i>Radiation Oncology</i> , 2020, 15, 263.	2.7	9
23	Long term survival and local control outcomes from single dose targeted intraoperative radiotherapy during lumpectomy (TARGIT-IORT) for early breast cancer: TARGIT-A randomised clinical trial. <i>BMJ, The</i> , 2020, 370, m2836.	6.0	165
24	Pandemic-Driven Development of a Medical-Grade, Economic and Decentralized Applicable Polyolefin Filament for Additive Fused Filament Fabrication. <i>Molecules</i> , 2020, 25, 5929.	3.8	9
25	Fusion imaging to evaluate the radiographic anatomical relationship between primary tumors and local recurrences in retroperitoneal soft tissue sarcoma. <i>Surgical Oncology</i> , 2020, 34, 109-112.	1.6	2
26	Prospective assessment of mask versus frame fixation during Gamma Knife treatment for brain metastases. <i>Radiotherapy and Oncology</i> , 2020, 147, 195-199.	0.6	19
27	Intraoperative radiotherapy with low energy x-rays for primary and recurrent soft-tissue sarcomas. <i>Radiation Oncology</i> , 2020, 15, 110.	2.7	7
28	Effect of Delayed Targeted Intraoperative Radiotherapy vs Whole-Breast Radiotherapy on Local Recurrence and Survival. <i>JAMA Oncology</i> , 2020, 6, e200249.	7.1	83
29	Adjuvant electronic brachytherapy for endometrial carcinoma: A 4-year outcomes report. <i>Brachytherapy</i> , 2020, 19, 635-641.	0.5	1
30	Commercially Available Gene Expression Assays as Predictive Tools for Adjuvant Radiotherapy? A Critical Review. <i>Breast Care</i> , 2020, 15, 118-127.	1.4	10
31	Effectivity and applicability of the German DEGRO/DGK-guideline for radiotherapy in CIED-bearing patients. <i>Radiotherapy and Oncology</i> , 2020, 152, 208-215.	0.6	15
32	Intraoperative radiotherapy as an immediate adjuvant treatment of rectal cancer due to limited access to external-beam radiotherapy. <i>Radiation Oncology</i> , 2020, 15, 11.	2.7	9
33	Interaction between CIEDs and modern radiotherapy techniques: Flattening filter free-VMAT, dose-rate effects, scatter radiation, and neutron-generating energies. <i>Radiotherapy and Oncology</i> , 2020, 152, 196-202.	0.6	10
34	Feasibility of interstitial stepping-source electronic brachytherapy to locally inoperable tumors. <i>Journal of Contemporary Brachytherapy</i> , 2020, 12, 480-486.	0.9	0
35	Modeling sphere dynamics in blood vessels for SIRT pre-planning – To fathom the potential and limitations. <i>Zeitschrift Fur Medizinische Physik</i> , 2019, 29, 5-15.	1.5	1
36	Irradiation Delays Tissue Growth but Enhances Osteogenic Differentiation in Vascularized Constructs. <i>Journal of Reconstructive Microsurgery</i> , 2019, 35, 046-056.	1.8	2

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37	Radiation-induced malignancies after intensity-modulated versus conventional mediastinal radiotherapy in a small animal model. <i>Scientific Reports</i> , 2019, 9, 15489.	3.3	4
38	Ultrasound-based repositioning and real-time monitoring for abdominal SBRT in DIBH. <i>Physica Medica</i> , 2019, 65, 46-52.	0.7	8
39	Multi-centre technical evaluation of the radiation-induced lymphocyte apoptosis assay as a predictive test for radiotherapy toxicity. <i>Clinical and Translational Radiation Oncology</i> , 2019, 18, 1-8.	1.7	14
40	Postoperative elective pelvic nodal irradiation compared to prostate bed irradiation in locally advanced prostate cancer – a retrospective analysis of dose-escalated patients. <i>Radiation Oncology</i> , 2019, 14, 96.	2.7	2
41	Combined kyphoplasty and intraoperative radiotherapy (Kypho-IORT) versus external beam radiotherapy (EBRT) for painful vertebral metastases - a randomized phase III study. <i>BMC Cancer</i> , 2019, 19, 430.	2.6	7
42	Radiation-induced optic neuropathy after stereotactic and image guided intensity-modulated radiation therapy (IMRT). <i>Radiotherapy and Oncology</i> , 2019, 134, 166-177.	0.6	13
43	Targeting the Post-Irradiation Tumor Microenvironment in Glioblastoma via Inhibition of CXCL12. <i>Cancers</i> , 2019, 11, 272.	3.7	15
44	Ultrafast single breath-hold cone-beam CT lung cancer imaging with faster linac gantry rotation. <i>Radiotherapy and Oncology</i> , 2019, 135, 78-85.	0.6	9
45	Single-center long-term results from the randomized phase-3 TARGIT-A trial comparing intraoperative and whole-breast radiation therapy for early breast cancer. <i>Strahlentherapie Und Onkologie</i> , 2019, 195, 640-647.	2.0	21
46	A HYPOTHESIS OF RADIORESISTANCE AND CELL-SURVIVAL CURVE SHAPE BASED ON CELL-CYCLE PROGRESSION AND DAMAGE TOLERANCE. <i>Radiation Protection Dosimetry</i> , 2019, 183, 107-110.	0.8	1
47	Challenges and Contradictions of Metal Nano-Particle Applications for Radio-Sensitivity Enhancement in Cancer Therapy. <i>International Journal of Molecular Sciences</i> , 2019, 20, 588.	4.1	35
48	In-vivo treatment accuracy analysis of active motion-compensated liver SBRT through registration of plan dose to post-therapeutic MRI-morphologic alterations. <i>Radiotherapy and Oncology</i> , 2019, 134, 158-165.	0.6	16
49	Quality of Life and Decision Regret After Postoperative Radiation Therapy to the Prostatic Bed Region With or Without Elective Pelvic Nodal Radiation Therapy. <i>Practical Radiation Oncology</i> , 2019, 9, e516-e527.	2.1	1
50	Patient preferences regarding intraoperative versus external beam radiotherapy for early breast cancer and the impact of socio-demographic factors. <i>Archives of Gynecology and Obstetrics</i> , 2019, 299, 1121-1130.	1.7	9
51	Accumulation of DNA damage and alteration of the DNA damage response in monoclonal B-cell lymphocytosis and chronic lymphocytic leukemia. <i>Leukemia and Lymphoma</i> , 2019, 60, 795-804.	1.3	11
52	Heart toxicity from breast cancer radiotherapy. <i>Strahlentherapie Und Onkologie</i> , 2019, 195, 1-12.	2.0	142
53	Association of CD4+ Radiation-Induced Lymphocyte Apoptosis with Fibrosis and Telangiectasia after Radiotherapy in 272 Breast Cancer Patients with >10-Year Follow-up. <i>Clinical Cancer Research</i> , 2019, 25, 562-572.	7.0	11
54	Intraoperative Radiotherapy in Newly Diagnosed Glioblastoma (INTRAGO): An Open-Label, Dose-Escalation Phase I/II Trial. <i>Neurosurgery</i> , 2019, 84, 41-49.	1.1	39

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55	TARGIT E(lderly): Prospective phase II trial of intraoperative radiotherapy (IORT) in elderly patients with small breast cancer.. Journal of Clinical Oncology, 2019, 37, 563-563.	1.6	3
56	Retinal safety evaluation of two-photon laser scanning in rats. Biomedical Optics Express, 2019, 10, 3217.	2.9	3
57	Long-term changes in blood counts after intraoperative radiotherapy for breast cancerâ€”single center experience and review of the literature. Translational Cancer Research, 2019, 8, 1882-1903.	1.0	6
58	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.	1.5	3
59	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.	0.8	37
60	Trial supports targeted radiotherapy for early breast cancer but protocol still requires 3 weeks of daily therapy. BMJ Evidence-Based Medicine, 2018, 23, 38-39.	3.5	2
61	Targeted radiotherapy for early breast cancer. Lancet, The, 2018, 391, 26-27.	13.7	13
62	Radiation Therapy Quality Assurance (RTQA) of Concurrent Chemoradiation Therapy for Locally Advanced Non-Small Cell Lung Cancer in the PROCLAIM Phase 3 Trial. International Journal of Radiation Oncology Biology Physics, 2018, 101, 927-934.	0.8	23
63	Direct dose correlation of MRI morphologic alterations of healthy liver tissue after robotic liver SBRT. Strahlentherapie Und Onkologie, 2018, 194, 414-424.	2.0	18
64	Axially vascularized tissueâ€”engineered bone constructs retain their <i>in vivo</i> angiogenic and osteogenic capacity after high-dose irradiation. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, e657-e668.	2.7	14
65	Oxygen extraction fraction mapping at 3 Tesla using an artificial neural network: A feasibility study. Magnetic Resonance in Medicine, 2018, 79, 890-899.	3.0	15
66	Phase I/II trial of combined kyphoplasty and intraoperative radiotherapy in spinal metastases. Spine Journal, 2018, 18, 776-781.	1.3	15
67	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.	1.5	2
68	Recruitment of 53BP1 Proteins for DNA Repair and Persistence of Repair Clusters Differ for Cell Types as Detected by Single Molecule Localization Microscopy. International Journal of Molecular Sciences, 2018, 19, 3713.	4.1	35
69	Conservation of k-mer Composition and Correlation Contribution between Introns and Intergenic Regions of Animalia Genomes. Genes, 2018, 9, 482.	2.4	12
70	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.	2.0	9
71	An offline technique to evaluate residual motion of the diaphragm during deep inspiratory breath-hold from cone-beam CT datasets. Strahlentherapie Und Onkologie, 2018, 194, 855-860.	2.0	6
72	Neoadjuvant chemotherapy for breast cancerâ€”background for the indication of locoregional treatment. Strahlentherapie Und Onkologie, 2018, 194, 797-805.	2.0	14

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73	Radiotherapy, tumor mutational burden, and immune checkpoint inhibitors: time to do the math. <i>Strahlentherapie Und Onkologie</i> , 2018, 194, 873-875.	2.0	11
74	Treatment of Adrenal Metastases with Conventional or Hypofractionated Image-guided Radiation Therapy – Patterns and Outcomes. <i>Anticancer Research</i> , 2018, 38, 4789-4796.	1.1	18
75	Impact of adjuvant chemotherapy on patients with ypT0–2 ypN0 rectal cancer after neoadjuvant chemoradiation: a cohort study from a tertiary referral hospital. <i>World Journal of Surgical Oncology</i> , 2018, 16, 156.	1.9	6
76	Validation of frame-based positioning accuracy with cone-beam computed tomography in Gamma Knife Icon radiosurgery. <i>Physica Medica</i> , 2018, 52, 93-97.	0.7	7
77	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.	0.6	31
78	Automated VMAT planning for postoperative adjuvant treatment of advanced gastric cancer. <i>Radiation Oncology</i> , 2018, 13, 74.	2.7	18
79	Quality of life after low-dose rate-brachytherapy for prostate carcinoma – long-term results and literature review on QLQ-C30 and QLQ-PR25 results in published brachytherapy series. <i>Health and Quality of Life Outcomes</i> , 2018, 16, 21.	2.4	10
80	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.	1.3	7
81	Combined stereotactic biopsy and stepping-source interstitial irradiation of glioblastoma multiforme. <i>Journal of Neurosurgical Sciences</i> , 2018, 62, 214-220.	0.6	2
82	Collimator optimization for small animal radiation therapy at a micro-CT. <i>Zeitschrift Fur Medizinische Physik</i> , 2017, 27, 56-64.	1.5	2
83	Current controversies in radiotherapy for breast cancer. <i>Radiation Oncology</i> , 2017, 12, 25.	2.7	33
84	Intraoperative radiotherapy (IORT) as boost in breast cancer. <i>Radiation Oncology</i> , 2017, 12, 23.	2.7	62
85	Small bowel protection in IMRT for rectal cancer. <i>Strahlentherapie Und Onkologie</i> , 2017, 193, 578-588.	2.0	10
86	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.	2.7	28
87	Commentary on "Accelerated partial breast irradiation consensus statement: Update of an ASTRO Evidence-Based Consensus Statement". <i>Practical Radiation Oncology</i> , 2017, 7, e159-e163.	2.1	9
88	Precision IORT – Image guided intraoperative radiation therapy (igIORT) using online treatment planning including tissue heterogeneity correction. <i>Physica Medica</i> , 2017, 37, 82-87.	0.7	13
89	Personalized radiotherapy for invasive breast cancer in 2017. <i>Strahlentherapie Und Onkologie</i> , 2017, 193, 601-603.	2.0	17
90	Biology of high single doses of IORT: RBE, 5 RBE™s, and other biological aspects. <i>Radiation Oncology</i> , 2017, 12, 24.	2.7	37

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91	A <sup>4</sup> D 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.	2.0	12
92	BET-bromodomain inhibitors modulate epigenetic patterns at the diacylglycerol kinase alpha enhancer associated with radiation-induced fibrosis. <i>Radiotherapy and Oncology</i> , 2017, 125, 168-174.	0.6	9
93	Keynote Address at the American Society of Breast Surgeons 18th Annual Meeting. <i>Annals of Surgical Oncology</i> , 2017, 24, 2811-2817.	1.5	5
94	Feasibility of using single photon counting X-ray for lung tumor position estimation based on 4D-CT. <i>Zeitschrift Fur Medizinische Physik</i> , 2017, 27, 243-254.	1.5	5
95	Smart Radiation Therapy Biomaterials. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 97, 624-637.	0.8	42
96	Immunotherapy Combined with Large Fractions of Radiotherapy: Stereotactic Radiosurgery for Brain Metastases—Implications for Intraoperative Radiotherapy after Resection. <i>Frontiers in Oncology</i> , 2017, 7, 147.	2.8	24
97	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.	2.5	7
98	A single-source photon source model of a linear accelerator for Monte Carlo dose calculation. <i>PLoS ONE</i> , 2017, 12, e0183486.	2.5	3
99	RTHP-05. INTRAOPERATIVE RADIOTHERAPY (IORT) USING LOW-ENERGY X-RAYS IN A COHORT OF PREDOMINANTLY INCOMPLETELY RESECTED NEWLY DIAGNOSED GLIOBLASTOMA MULTIFORME (INTRAGO) Tj ET al 1 0.784314 rg	1.0	1
100	Cellular Pathways in Response to Ionizing Radiation and Their Targetability for Tumor Radiosensitization. <i>International Journal of Molecular Sciences</i> , 2016, 17, 102.	4.1	298
101	MRI morphologic alterations after liver SBRT. <i>Strahlentherapie Und Onkologie</i> , 2016, 192, 641-648.	2.0	13
102	Combined sunitinib and radiation therapy for preoperative treatment of soft tissue sarcoma: results of a phase I trial of the German interdisciplinary sarcoma group (GISG-03). <i>Radiation Oncology</i> , 2016, 11, 77.	2.7	22
103	Environmental and social benefits of the targeted intraoperative radiotherapy for breast cancer: data from UK TARGIT-A trial centres and two UK NHS hospitals offering TARGIT IORT. <i>BMJ Open</i> , 2016, 6, e010703.	1.9	50
104	Partial breast irradiation and the GEC-ESTRO trial. <i>Lancet, The</i> , 2016, 387, 1717.	13.7	6
105	Patient-specific online dose verification based on transmission detector measurements. <i>Radiotherapy and Oncology</i> , 2016, 119, 351-356.	0.6	29
106	Towards clinical implementation of ultrafast combined kV-MV CBCT for IGRT of lung cancer. <i>Strahlentherapie Und Onkologie</i> , 2016, 192, 312-321.	2.0	12
107	In Reply to Park et al. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 96, 707-708.	0.8	0
108	Epigenetic regulation of diacylglycerol kinase alpha promotes radiation-induced fibrosis. <i>Nature Communications</i> , 2016, 7, 10893.	12.8	46

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109	Comparison of breast sequential and simultaneous integrated boost using the biologically effective dose volume histogram (BEDVH). <i>Radiation Oncology</i> , 2016, 11, 16.	2.7	14
110	Reduced Mortality With Partial-Breast Irradiation for Early Breast Cancer: A Meta-Analysis of Randomized Trials. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 96, 259-265.	0.8	79
111	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.	2.7	12
112	Overall survival after reirradiation of spinal metastases – independent validation of predictive models. <i>Radiation Oncology</i> , 2016, 11, 35.	2.7	3
113	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.	2.0	6
114	Deep Inspiration Breath Hold-Based Radiation Therapy: A Clinical Review. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 94, 478-492.	0.8	184
115	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.	1.5	22
116	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.	2.5	16
117	TGF- $\beta$ 1 Is Present at High Levels in Wound Fluid from Breast Cancer Patients Immediately Post-Surgery, and Is Not Increased by Intraoperative Radiation Therapy (IORT). <i>PLoS ONE</i> , 2016, 11, e0162221.	2.5	13
118	Imaging of Orthotopic Glioblastoma Xenografts in Mice Using a Clinical CT Scanner: Comparison with Micro-CT and Histology. <i>PLoS ONE</i> , 2016, 11, e0165994.	2.5	17
119	The HIV-derived protein Vpr52-96 has anti-glioma activity in vitro and in vivo. <i>Oncotarget</i> , 2016, 7, 45500-45512.	1.8	1
120	An international randomised controlled trial to compare TARGETed Intraoperative radioTherapy (TARGIT) with conventional postoperative radiotherapy after breast-conserving surgery for women with early-stage breast cancer (the TARGIT-A trial). <i>Health Technology Assessment</i> , 2016, 20, 1-188.	2.8	51
121	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.	0.8	62
122	Robustness of sweeping-window arc therapy treatment sequences against intrafractional tumor motion. <i>Medical Physics</i> , 2015, 42, 1538-1545.	3.0	5
123	Accelerated Partial Breast Irradiation in Clinical Practice. <i>Breast Care</i> , 2015, 10, 247-252.	1.4	16
124	Comparison of breast simultaneous integrated boost (SIB) radiotherapy techniques. <i>Radiation Oncology</i> , 2015, 10, 139.	2.7	34
125	High-throughput monitoring of integration site clonality in preclinical and clinical gene therapy studies. <i>Molecular Therapy - Methods and Clinical Development</i> , 2015, 2, 14061.	4.1	8
126	Image-Guided Radiotherapy Using a Modified Industrial Micro-CT for Preclinical Applications. <i>PLoS ONE</i> , 2015, 10, e0126246.	2.5	19

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127	Metronomic chemotherapy with daily low-dose temozolomide and celecoxib in elderly patients with newly diagnosed glioblastoma multiforme: a retrospective analysis. <i>Journal of Neuro-Oncology</i> , 2015, 124, 265-273.	2.9	16
128	In Regard to Hepel and Wazer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 92, 953-954.	0.8	2
129	Acute small-bowel toxicity during neoadjuvant combined radiochemotherapy in locally advanced rectal cancer: determination of optimal dose-volume cut-off value predicting grade 2-3 diarrhoea. <i>Radiation Oncology</i> , 2015, 10, 30.	2.7	13
130	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.	2.1	4
131	Pride, Prejudice, or Science: Attitudes Towards the Results of the TARGIT-A Trial of Targeted Intraoperative Radiation Therapy for Breast Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 92, 491-497.	0.8	60
132	Knowledge-based radiation therapy (KBRT) treatment planning versus planning by experts: validation of a KBRT algorithm for prostate cancer treatment planning. <i>Radiation Oncology</i> , 2015, 10, 111.	2.7	67
133	XRCC1 Polymorphism Associated With Late Toxicity After Radiation Therapy in Breast Cancer Patients. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 92, 1084-1092.	0.8	64
134	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.	0.8	38
135	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.	2.0	6
136	The Biological Effect of Large Single Doses: A Possible Role for Non-Targeted Effects in Cell Inactivation. <i>PLoS ONE</i> , 2014, 9, e84991.	2.5	26
137	Strahlenschutz von Normalgewebszellen. <i>Strahlentherapie Und Onkologie</i> , 2014, 190, 745-752.	2.0	46
138	Second cancer risk after 3D-CRT, IMRT and VMAT for breast cancer. <i>Radiotherapy and Oncology</i> , 2014, 110, 471-476.	0.6	138
139	A method for the efficient cellular uptake and retention of small modified gold nanoparticles for the radiosensitization of cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, 1365-1373.	3.3	30
140	Risk-adapted targeted intraoperative radiotherapy versus whole-breast radiotherapy for breast cancer: 5-year results for local control and overall survival from the TARGIT-A randomised trial. <i>Lancet, The</i> , 2014, 383, 603-613.	13.7	740
141	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.	2.0	17
142	A cohort analysis to identify eligible patients for intraoperative radiotherapy (IORT) of early breast cancer. <i>Radiation Oncology</i> , 2014, 9, 154.	2.7	20
143	DEGRO practical guidelines for radiotherapy of breast cancer IV. <i>Strahlentherapie Und Onkologie</i> , 2014, 190, 705-714.	2.0	46
144	Arc therapy for total body irradiation - A robust novel treatment technique for standard treatment rooms. <i>Radiotherapy and Oncology</i> , 2014, 110, 553-557.	0.6	34

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145	Non-invasive multiparametric qBOLD approach for robust mapping of the oxygen extraction fraction. Zeitschrift Fur Medizinische Physik, 2014, 24, 231-242.	1.5	16
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