

Frederik Wenz

List of Publications by Year in descending order

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Version: 2024-02-01

206
papers

7,816
citations

61857

43
h-index

62479

80
g-index

213
all docs

213
docs citations

213
times ranked

6820
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	6.3	740
2	Targeted intraoperative radiotherapy versus whole breast radiotherapy for breast cancer (TARGIT-A) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i> 91-102.	6.3	677
3	Chemoradiotherapy with capecitabine versus fluorouracil for locally advanced rectal cancer: a randomised, multicentre, non-inferiority, phase 3 trial. <i>Lancet Oncology, The</i> , 2012, 13, 579-588.	5.1	428
4	Cellular Pathways in Response to Ionizing Radiation and Their Targetability for Tumor Radiosensitization. <i>International Journal of Molecular Sciences</i> , 2016, 17, 102.	1.8	298
5	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
6	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.	3.0	165
7	Intraoperative radiotherapy for breast cancer. <i>Lancet Oncology, The</i> , 2004, 5, 165-173.	5.1	160
8	Predictive factors for late normal tissue complications following radiotherapy for breast cancer. <i>Breast Cancer Research and Treatment</i> , 2007, 106, 143-150.	1.1	155
9	Heart toxicity from breast cancer radiotherapy. <i>Strahlentherapie Und Onkologie</i> , 2019, 195, 1-12.	1.0	142
10	Second cancer risk after 3D-CRT, IMRT and VMAT for breast cancer. <i>Radiotherapy and Oncology</i> , 2014, 110, 471-476.	0.3	138
11	TARGeted Intraoperative radiotherapy (TARGIT): An innovative approach to partial-breast irradiation. <i>Seminars in Radiation Oncology</i> , 2005, 15, 84-91.	1.0	130
12	Long-Term Results of Targeted Intraoperative Radiotherapy (Targit) Boost During Breast-Conserving Surgery. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 81, 1091-1097.	0.4	125
13	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
14	Cetuximab in Combination With Capecitabine, Irinotecan, and Radiotherapy for Patients With Locally Advanced Rectal Cancer: Results of a Phase II MARGIT Trial. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 74, 1487-1493.	0.4	104
15	Phase I trial of cetuximab in combination with capecitabine, weekly irinotecan, and radiotherapy as neoadjuvant therapy for rectal cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006, 66, 1384-1390.	0.4	96
16	Radiobiological Aspects of Intraoperative Radiotherapy (IORT) with Isotropic Low-Energy X Rays for Early-Stage Breast Cancer. <i>Radiation Research</i> , 2005, 163, 208-215.	0.7	94
17	Repositioning accuracy of two different mask systems-3D revisited: Comparison using true 3D/3D matching with cone-beam CT. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006, 66, 1568-1575.	0.4	87
18	Intraoperative radiotherapy (IORT) is an option for patients with localized breast recurrences after previous external-beam radiotherapy. <i>BMC Cancer</i> , 2007, 7, 178.	1.1	83

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19	Effect of Delayed Targeted Intraoperative Radiotherapy vs Whole-Breast Radiotherapy on Local Recurrence and Survival. <i>JAMA Oncology</i> , 2020, 6, e200249.	3.4	83
20	Targeted intraoperative radiotherapy (TARGIT) yields very low recurrence rates when given as a boost. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006, 66, 1335-1338.	0.4	79
21	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.	0.4	79
22	Long-term toxicity of an intraoperative radiotherapy boost using low energy X-rays during breast-conserving surgery. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006, 66, 377-381.	0.4	75
23	DEGRO Practical Guidelines for Radiotherapy of Breast Cancer I. <i>Strahlentherapie Und Onkologie</i> , 2007, 183, 661-666.	1.0	74
24	DEGRO Practice Guidelines for Palliative Radiotherapy of Metastatic Breast Cancer. <i>Strahlentherapie Und Onkologie</i> , 2009, 185, 417-424.	1.0	71
25	Intraoperative Radiotherapy as a Boost During Breast-Conserving Surgery Using Low-Kilovoltage X-Rays: The First 5 Years of Experience With a Novel Approach. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 77, 1309-1314.	0.4	71
26	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.	1.2	67
27	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.	0.4	64
28	Single-Center Long-Term Follow-Up After Intraoperative Radiotherapy as a Boost During Breast-Conserving Surgery Using Low-Kilovoltage X-Rays. <i>Annals of Surgical Oncology</i> , 2010, 17, 352-358.	0.7	62
29	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
30	Intraoperative radiotherapy (IORT) as boost in breast cancer. <i>Radiation Oncology</i> , 2017, 12, 23.	1.2	62
31	DEGRO Practical Guidelines for Radiotherapy of Breast Cancer II. <i>Strahlentherapie Und Onkologie</i> , 2008, 184, 347-353.	1.0	61
32	Relative Biologic Effectiveness (RBE) of 50 kV X-rays Measured in a Phantom for Intraoperative Tumor-Bed Irradiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 85, 1127-1133.	0.4	60
33	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.	0.4	60
34	Early initiation of external beam radiotherapy (EBRT) may increase the risk of long-term toxicity in patients undergoing intraoperative radiotherapy (IORT) as a boost for breast cancer. <i>Breast</i> , 2008, 17, 617-622.	0.9	58
35	Sphere of Equivalence—A Novel Target Volume Concept for Intraoperative Radiotherapy Using Low-Energy X Rays. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008, 72, 1575-1581.	0.4	53
36	Development of a Novel Method for Intraoperative Radiotherapy During Kyphoplasty for Spinal Metastases (Kypho-IORT). <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 81, 1114-1119.	0.4	52

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37	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). Health Technology Assessment, 2016, 20, 1-188.	1.3	51
38	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. BMJ Open, 2016, 6, e010703.	0.8	50
39	Accelerated partial breast irradiation. Cancer, 2007, 110, 1187-1194.	2.0	47
40	Strahlenschutz von Normalgewebszellen. Strahlentherapie Und Onkologie, 2014, 190, 745-752.	1.0	46
41	DEGRO practical guidelines for radiotherapy of breast cancer IV. Strahlentherapie Und Onkologie, 2014, 190, 705-714.	1.0	46
42	Epigenetic regulation of diacylglycerol kinase alpha promotes radiation-induced fibrosis. Nature Communications, 2016, 7, 10893.	5.8	46
43	Health-Related Quality of Life After Breast-Conserving Surgery and Intraoperative Radiotherapy for Breast Cancer Using Low-Kilovoltage X-rays. Annals of Surgical Oncology, 2010, 17, 359-367.	0.7	45
44	Clinical aspects of intraoperative radiotherapy in early breast cancer: short-term complications after IORT in women treated with low energy x-rays. Radiation Oncology, 2013, 8, 95.	1.2	43
45	A novel approach for superficial intraoperative radiotherapy (IORT) using a 50 kV X-ray source: a technical and case report. Journal of Applied Clinical Medical Physics, 2014, 15, 167-176.	0.8	43
46	A Novel Device for Intravaginal Electronic Brachytherapy. International Journal of Radiation Oncology Biology Physics, 2009, 74, 1298-1305.	0.4	42
47	Smart Radiation Therapy Biomaterials. International Journal of Radiation Oncology Biology Physics, 2017, 97, 624-637.	0.4	42
48	Kypho-IORT - a novel approach of intraoperative radiotherapy during kyphoplasty for vertebral metastases. Radiation Oncology, 2010, 5, 11.	1.2	40
49	Reduced rectal toxicity with ultrasound-based image guided radiotherapy using BATâ„¢ (B-mode) Tj ETQq1 1 0.784314 rgBT /Overl... 674-678.	1.0	39
50	Intraoperative Radiotherapy in Newly Diagnosed Glioblastoma (INTRAGO): An Open-Label, Dose-Escalation Phase I/II Trial. Neurosurgery, 2019, 84, 41-49.	0.6	39
51	Intraoperative Radiotherapy as Accelerated Partial Breast Irradiation for Early Breast Cancer. Strahlentherapie Und Onkologie, 2010, 186, 651-657.	1.0	38
52	Cardiac Function After Multimodal Breast Cancer Therapy Assessed With Functional Magnetic Resonance Imaging and Echocardiography Imaging. International Journal of Radiation Oncology Biology Physics, 2015, 93, 836-844.	0.4	38
53	Biology of high single doses of IORT: RBE, 5 Râ€™s, and other biological aspects. Radiation Oncology, 2017, 12, 24.	1.2	37
54	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

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55	Targeted Intraoperative Radiotherapy for Breast Cancer in Patients in Whom External Beam Radiation Is Not Possible. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 80, 31-38.	0.4	35
56	Recruitment of 53BP1 Proteins for DNA Repair and Persistence of Repair Clusters Differ for Cell Types as Detected by Single Molecule Localization Microscopy. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3713.	1.8	35
57	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.	1.8	35
58	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
59	Comparison of breast simultaneous integrated boost (SIB) radiotherapy techniques. <i>Radiation Oncology</i> , 2015, 10, 139.	1.2	34
60	Can the risk of secondary cancer induction after breast conserving therapy be reduced using intraoperative radiotherapy (IORT) with low-energy x-rays?. <i>Radiation Oncology</i> , 2011, 6, 174.	1.2	33
61	Current controversies in radiotherapy for breast cancer. <i>Radiation Oncology</i> , 2017, 12, 25.	1.2	33
62	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
63	Improving Dose Homogeneity in Large Breasts by IMRT. <i>Strahlentherapie Und Onkologie</i> , 2008, 184, 86-92.	1.0	30
64	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.	1.7	30
65	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.	2.9	30
66	Patient-specific online dose verification based on transmission detector measurements. <i>Radiotherapy and Oncology</i> , 2016, 119, 351-356.	0.3	29
67	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
68	Postoperative Seroma Formation After Intraoperative Radiotherapy Using Low-Kilovoltage X-Rays Given During Breast-Conserving Surgery. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 77, 1140-1145.	0.4	27
69	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
70	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
71	The German S3 Guideline Prostate Cancer. <i>Strahlentherapie Und Onkologie</i> , 2010, 186, 531-534.	1.0	26
72	The Biological Effect of Large Single Doses: A Possible Role for Non-Targeted Effects in Cell Inactivation. <i>PLoS ONE</i> , 2014, 9, e84991.	1.1	26

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73	Radiobiological Comparison of Hypofractionated Accelerated Partial-Breast Irradiation (APBI) and Single-Dose Intraoperative Radiotherapy (IORT) with 50-kV X-Rays. <i>Strahlentherapie Und Onkologie</i> , 2010, 186, 444-451.	1.0	25
74	A Monte Carlo based source model for dose calculation of endovaginal TARGIT brachytherapy with INTRABEAM and a cylindrical applicator. <i>Zeitschrift Fur Medizinische Physik</i> , 2012, 22, 197-204.	0.6	25
75	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.	1.3	24
76	Long-term outcome after intraoperative radiotherapy as a boost in breast cancer. <i>Strahlentherapie Und Onkologie</i> , 2020, 196, 349-355.	1.0	24
77	Radiation Therapy Quality Assurance (RTQA) of Concurrent Chemoradiation Therapy for Locally Advanced Non-Small Cell Lung Cancer in the PROCLAIM Phase 3 Trial. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 101, 927-934.	0.4	23
78	Open-Label Phase II Evaluation of Imatinib in Primary Inoperable or Incompletely Resected and Recurrent Glioblastoma. <i>Oncology</i> , 2020, 98, 16-22.	0.9	23
79	Radiotherapy for breast cancer, the TARGIT-A trial — Authors' reply. <i>Lancet, The</i> , 2014, 383, 1719-1720.	6.3	22
80	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.	1.2	22
81	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
82	Intraoperative radiotherapy for glioblastoma: an international pooled analysis. <i>Radiotherapy and Oncology</i> , 2020, 142, 162-167.	0.3	22
83	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.	1.0	21
84	Digital Follow-Up and the Perspective of Patient-Centered Care in Oncology: What's the PROblem?. <i>Oncology</i> , 2020, 98, 379-385.	0.9	21
85	Overexpression of Caveolin-1 in Lymphoblastoid TK6 Cells Enhances Proliferation After Irradiation with Clinically Relevant Doses. <i>Strahlentherapie Und Onkologie</i> , 2010, 186, 99-106.	1.0	20
86	A cohort analysis to identify eligible patients for intraoperative radiotherapy (IORT) of early breast cancer. <i>Radiation Oncology</i> , 2014, 9, 154.	1.2	20
87	Image-Guided Radiotherapy Using a Modified Industrial Micro-CT for Preclinical Applications. <i>PLoS ONE</i> , 2015, 10, e0126246.	1.1	19
88	Prospective assessment of mask versus frame fixation during Gamma Knife treatment for brain metastases. <i>Radiotherapy and Oncology</i> , 2020, 147, 195-199.	0.3	19
89	Direct dose correlation of MRI morphologic alterations of healthy liver tissue after robotic liver SBRT. <i>Strahlentherapie Und Onkologie</i> , 2018, 194, 414-424.	1.0	18
90	Treatment of Adrenal Metastases with Conventional or Hypofractionated Image-guided Radiation Therapy — Patterns and Outcomes. <i>Anticancer Research</i> , 2018, 38, 4789-4796.	0.5	18

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91	Automated VMAT planning for postoperative adjuvant treatment of advanced gastric cancer. <i>Radiation Oncology</i> , 2018, 13, 74.	1.2	18
92	Intraoperative Radiotherapy during Kyphoplasty for Vertebral Metastases (Kypho-IORT): First Clinical Results. <i>Tumori</i> , 2012, 98, 434-440.	0.6	17
93	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
94	Personalized radiotherapy for invasive breast cancer in 2017. <i>Strahlentherapie Und Onkologie</i> , 2017, 193, 601-603.	1.0	17
95	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.	1.1	17
96	Non-invasive multiparametric qBOLD approach for robust mapping of the oxygen extraction fraction. <i>Zeitschrift Fur Medizinische Physik</i> , 2014, 24, 231-242.	0.6	16
97	Accelerated Partial Breast Irradiation in Clinical Practice. <i>Breast Care</i> , 2015, 10, 247-252.	0.8	16
98	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.	1.4	16
99	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.	0.3	16
100	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
101	Oxygen extraction fraction mapping at 3 Tesla using an artificial neural network: A feasibility study. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 890-899.	1.9	15
102	Phase I/II trial of combined kyphoplasty and intraoperative radiotherapy in spinal metastases. <i>Spine Journal</i> , 2018, 18, 776-781.	0.6	15
103	Targeting the Post-Irradiation Tumor Microenvironment in Glioblastoma via Inhibition of CXCL12. <i>Cancers</i> , 2019, 11, 272.	1.7	15
104	Effectivity and applicability of the German DEGRO/DGK-guideline for radiotherapy in CIED-bearing patients. <i>Radiotherapy and Oncology</i> , 2020, 152, 208-215.	0.3	15
105	Should patients with locally advanced, non-metastatic carcinoma of the pancreas be irradiated?. <i>Pancreatology</i> , 2003, 3, 359-366.	0.5	14
106	Comparison of breast sequential and simultaneous integrated boost using the biologically effective dose volume histogram (BEDVH). <i>Radiation Oncology</i> , 2016, 11, 16.	1.2	14
107	Axially vascularized tissue-engineered bone constructs retain their <i>in vivo</i> angiogenic and osteogenic capacity after high-dose irradiation. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e657-e668.	1.3	14
108	Neoadjuvant chemotherapy for breast cancer—background for the indication of locoregional treatment. <i>Strahlentherapie Und Onkologie</i> , 2018, 194, 797-805.	1.0	14

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109	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.	0.9	14
110	Intraoperative Radiotherapy during Breast-Conserving Surgery Using a Miniature X-Ray Generator (Intrabeam®): Theoretical and Experimental Background and Clinical Experience. <i>Women's Health</i> , 2012, 8, 39-47.	0.7	13
111	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.	1.2	13
112	MRI morphologic alterations after liver SBRT. <i>Strahlentherapie Und Onkologie</i> , 2016, 192, 641-648.	1.0	13
113	Precision IORT – Image guided intraoperative radiation therapy (igIORT) using online treatment planning including tissue heterogeneity correction. <i>Physica Medica</i> , 2017, 37, 82-87.	0.4	13
114	Targeted radiotherapy for early breast cancer. <i>Lancet, The</i> , 2018, 391, 26-27.	6.3	13
115	Radiation-induced optic neuropathy after stereotactic and image guided intensity-modulated radiation therapy (IMRT). <i>Radiotherapy and Oncology</i> , 2019, 134, 166-177.	0.3	13
116	TGF- β 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.	1.1	13
117	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
118	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
119	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
120	Conservation of k-mer Composition and Correlation Contribution between Introns and Intergenic Regions of Animalia Genomes. <i>Genes</i> , 2018, 9, 482.	1.0	12
121	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.	1.0	12
122	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
123	Radiation protection for an intraoperative X-ray source compared to C-arm fluoroscopy. <i>Zeitschrift Fur Medizinische Physik</i> , 2014, 24, 243-251.	0.6	11
124	Radiotherapy, tumor mutational burden, and immune checkpoint inhibitors: time to do the math. <i>Strahlentherapie Und Onkologie</i> , 2018, 194, 873-875.	1.0	11
125	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.	0.6	11
126	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.	3.2	11

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127	Intraoperative radiotherapy for breast cancer: powerful evidence to change practice. <i>Nature Reviews Clinical Oncology</i> , 2021, 18, 187-188.	12.5	11
128	Potential toxicities of prophylactic cranial irradiation. <i>Translational Lung Cancer Research</i> , 2012, 1, 254-62.	1.3	11
129	Accelerated Partial-Breast Irradiation (APBI) â€œ Ready for Prime Time?. <i>Strahlentherapie Und Onkologie</i> , 2009, 185, 653-655.	1.0	10
130	Small bowel protection in IMRT for rectal cancer. <i>Strahlentherapie Und Onkologie</i> , 2017, 193, 578-588.	1.0	10
131	Quality of life after low-dose rate-brachytherapy for prostate carcinoma â€“ 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.	1.0	10
132	Commercially Available Gene Expression Assays as Predictive Tools for Adjuvant Radiotherapy? A Critical Review. <i>Breast Care</i> , 2020, 15, 118-127.	0.8	10
133	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.	0.3	10
134	Intraoperative radiotherapy during kyphoplasty for vertebral metastases (Kypho-IORT): first clinical results. <i>Tumori</i> , 2012, 98, 434-40.	0.6	10
135	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.	1.1	9
136	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.	0.3	9
137	Non-coplanar VMAT combined with non-uniform dose prescription markedly reduces lung dose in breath-hold lung SBRT. <i>Strahlentherapie Und Onkologie</i> , 2018, 194, 815-823.	1.0	9
138	Ultrafast single breath-hold cone-beam CT lung cancer imaging with faster linac gantry rotation. <i>Radiotherapy and Oncology</i> , 2019, 135, 78-85.	0.3	9
139	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.	0.8	9
140	Long-term outcome after combined kyphoplasty and intraoperative radiotherapy (Kypho-IORT) for vertebral tumors. <i>Radiation Oncology</i> , 2020, 15, 263.	1.2	9
141	Pandemic-Driven Development of a Medical-Grade, Economic and Decentralized Applicable Polyolefin Filament for Additive Fused Filament Fabrication. <i>Molecules</i> , 2020, 25, 5929.	1.7	9
142	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.	1.2	9
143	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.	1.8	8
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