

# Christian Kirisits

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/3743791/christian-kirisits-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

179  
papers

10,842  
citations

46  
h-index

102  
g-index

192  
ext. papers

12,766  
ext. citations

1.8  
avg, IF

5.75  
L-index

#	Paper	IF	Citations
179	Recommendations from gynaecological (GYN) GEC ESTRO working group (II): concepts and terms in 3D image-based treatment planning in cervix cancer brachytherapy-3D dose volume parameters and aspects of 3D image-based anatomy, radiation physics, radiobiology. <i>Radiotherapy and Oncology</i> , <b>2005</b> , 74, 235-45	5.3	1131
178	Recommendations from Gynaecological (GYN) GEC-ESTRO Working Group (I): concepts and terms in 3D image based 3D treatment planning in cervix cancer brachytherapy with emphasis on MRI assessment of GTV and CTV. <i>Radiotherapy and Oncology</i> , <b>2005</b> , 74, 235-45	5.3	1059
177	Clinical outcome of protocol based image (MRI) guided adaptive brachytherapy combined with 3D conformal radiotherapy with or without chemotherapy in patients with locally advanced cervical cancer. <i>Radiotherapy and Oncology</i> , <b>2011</b> , 100, 116-23	5.3	546
176	Clinical impact of MRI assisted dose volume adaptation and dose escalation in brachytherapy of locally advanced cervix cancer. <i>Radiotherapy and Oncology</i> , <b>2007</b> , 83, 148-55	5.3	402
175	Computed tomography versus magnetic resonance imaging-based contouring in cervical cancer brachytherapy: results of a prospective trial and preliminary guidelines for standardized contours. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2007</b> , 68, 491-8	4	358
174	Image guided brachytherapy in locally advanced cervical cancer: Improved pelvic control and survival in RetroEMBRACE, a multicenter cohort study. <i>Radiotherapy and Oncology</i> , <b>2016</b> , 120, 428-433	5.3	352
173	American Brachytherapy Society consensus guidelines for locally advanced carcinoma of the cervix. Part II: high-dose-rate brachytherapy. <i>Brachytherapy</i> , <b>2012</b> , 11, 47-52	2.4	338
172	American Brachytherapy Society consensus guidelines for locally advanced carcinoma of the cervix. Part I: general principles. <i>Brachytherapy</i> , <b>2012</b> , 11, 33-46	2.4	297
171	Dose and volume parameters for MRI-based treatment planning in intracavitary brachytherapy for cervical cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2005</b> , 62, 901-11	4	277
170	Recommendations from Gynaecological (GYN) GEC-ESTRO Working Group (IV): Basic principles and parameters for MR imaging within the frame of image based adaptive cervix cancer brachytherapy. <i>Radiotherapy and Oncology</i> , <b>2012</b> , 103, 113-22	5.3	271
169	The EMBRACE II study: The outcome and prospect of two decades of evolution within the GEC-ESTRO GYN working group and the EMBRACE studies. <i>Clinical and Translational Radiation Oncology</i> , <b>2018</b> , 9, 48-60	4.6	252
168	The Vienna applicator for combined intracavitary and interstitial brachytherapy of cervical cancer: design, application, treatment planning, and dosimetric results. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2006</b> , 65, 624-30	4	236
167	Recommendations from Gynaecological (GYN) GEC-ESTRO Working Group: considerations and pitfalls in commissioning and applicator reconstruction in 3D image-based treatment planning of cervix cancer brachytherapy. <i>Radiotherapy and Oncology</i> , <b>2010</b> , 96, 153-60	5.3	210
166	The Vienna applicator for combined intracavitary and interstitial brachytherapy of cervical cancer: clinical feasibility and preliminary results. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2006</b> , 66, 83-90	4	207
165	Dose-effect relationship for local control of cervical cancer by magnetic resonance image-guided brachytherapy. <i>Radiotherapy and Oncology</i> , <b>2009</b> , 93, 311-5	5.3	200
164	Review of clinical brachytherapy uncertainties: analysis guidelines of GEC-ESTRO and the AAPM. <i>Radiotherapy and Oncology</i> , <b>2014</b> , 110, 199-212	5.3	189
163	Dose-volume histogram parameters and local tumor control in magnetic resonance image-guided cervical cancer brachytherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2009</b> , 75, 56-63		181

162	Effect of tumor dose, volume and overall treatment time on local control after radiochemotherapy including MRI guided brachytherapy of locally advanced cervical cancer. <i>Radiotherapy and Oncology</i> , <b>2016</b> , 120, 441-446	5.3	171
161	Dose effect relationship for late side effects of the rectum and urinary bladder in magnetic resonance image-guided adaptive cervix cancer brachytherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2012</b> , 82, 653-7	4	163
160	Image guided adaptive brachytherapy with combined intracavitary and interstitial technique improves the therapeutic ratio in locally advanced cervical cancer: Analysis from the retroEMBRACE study. <i>Radiotherapy and Oncology</i> , <b>2016</b> , 120, 434-440	5.3	154
159	Dose-volume effect relationships for late rectal morbidity in patients treated with chemoradiation and MRI-guided adaptive brachytherapy for locally advanced cervical cancer: Results from the prospective multicenter EMBRACE study. <i>Radiotherapy and Oncology</i> , <b>2016</b> , 120, 412-419	5.3	141
158	Dose-volume histogram parameters and late side effects in magnetic resonance image-guided adaptive cervical cancer brachytherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2011</b> , 79, 356-62	4	139
157	Image-guided radiotherapy for cervix cancer: high-tech external beam therapy versus high-tech brachytherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2008</b> , 71, 1272-8	4	112
156	Correlation of dose-volume parameters, endoscopic and clinical rectal side effects in cervix cancer patients treated with definitive radiotherapy including MRI-based brachytherapy. <i>Radiotherapy and Oncology</i> , <b>2009</b> , 91, 173-80	5.3	100
155	Dose-effect relationship and risk factors for vaginal stenosis after definitive radio(chemo)therapy with image-guided brachytherapy for locally advanced cervical cancer in the EMBRACE study. <i>Radiotherapy and Oncology</i> , <b>2016</b> , 118, 160-6	5.3	99
154	Consequences of random and systematic reconstruction uncertainties in 3D image based brachytherapy in cervical cancer. <i>Radiotherapy and Oncology</i> , <b>2008</b> , 89, 156-63	5.3	91
153	Present status and future of high-precision image guided adaptive brachytherapy for cervix carcinoma. <i>Acta Oncologica</i> , <b>2008</b> , 47, 1325-36	3.2	87
152	Inter-observer comparison of target delineation for MRI-assisted cervical cancer brachytherapy: application of the GYN GEC-ESTRO recommendations. <i>Radiotherapy and Oncology</i> , <b>2009</b> , 91, 166-72	5.3	86
151	Adaptive management of cervical cancer radiotherapy. <i>Seminars in Radiation Oncology</i> , <b>2010</b> , 20, 121-9	5.5	83
150	Magnetic resonance image guided brachytherapy. <i>Seminars in Radiation Oncology</i> , <b>2014</b> , 24, 181-91	5.5	79
149	Intercomparison of treatment concepts for MR image assisted brachytherapy of cervical carcinoma based on GYN GEC-ESTRO recommendations. <i>Radiotherapy and Oncology</i> , <b>2006</b> , 78, 185-93	5.3	74
148	Treatment planning for MRI assisted brachytherapy of gynecologic malignancies based on total dose constraints. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2007</b> , 69, 619-27	4	72
147	Factors influencing bowel sparing in intensity modulated whole pelvic radiotherapy for gynaecological malignancies. <i>Radiotherapy and Oncology</i> , <b>2006</b> , 80, 19-26	5.3	72
146	Adaptive image guided brachytherapy for cervical cancer: a combined MRI/CT-planning technique with MRI only at first fraction. <i>Radiotherapy and Oncology</i> , <b>2013</b> , 107, 75-81	5.3	70
145	A multicentre comparison of the dosimetric impact of inter- and intra-fractional anatomical variations in fractionated cervix cancer brachytherapy. <i>Radiotherapy and Oncology</i> , <b>2013</b> , 107, 20-5	5.3	70

144	Inter- and intraobserver variation in HR-CTV contouring: intercomparison of transverse and paratransverse image orientation in 3D-MRI assisted cervix cancer brachytherapy. <i>Radiotherapy and Oncology</i> , <b>2008</b> , 89, 164-71	5.3	69
143	Uncertainties of target volume delineation in MRI guided adaptive brachytherapy of cervix cancer: a multi-institutional study. <i>Radiotherapy and Oncology</i> , <b>2013</b> , 107, 6-12	5.3	66
142	Uncertainties when using only one MRI-based treatment plan for subsequent high-dose-rate tandem and ring applications in brachytherapy of cervix cancer. <i>Radiotherapy and Oncology</i> , <b>2006</b> , 81, 269-75	5.3	64
141	MRI-guided adaptive brachytherapy in locally advanced cervical cancer (EMBRACE-I): a multicentre prospective cohort study. <i>Lancet Oncology</i> , <b>2021</b> , 22, 538-547	21.7	61
140	Application of commercial MOSFET detectors for in vivo dosimetry in the therapeutic x-ray range from 80 kV to 250 kV. <i>Physics in Medicine and Biology</i> , <b>2005</b> , 50, 289-303	3.8	58
139	Prescribing, recording, and reporting in endovascular brachytherapy. Quality assurance, equipment, personnel and education. <i>Radiotherapy and Oncology</i> , <b>2001</b> , 59, 339-60	5.3	58
138	3D conformal HDR-brachy- and external beam therapy plus simultaneous cisplatin for high-risk cervical cancer: clinical experience with 3 year follow-up. <i>Radiotherapy and Oncology</i> , <b>2006</b> , 79, 80-6	5.3	54
137	Accuracy of volume and DVH parameters determined with different brachytherapy treatment planning systems. <i>Radiotherapy and Oncology</i> , <b>2007</b> , 84, 290-7	5.3	50
136	Pilot study in the treatment of endometrial carcinoma with 3D image-based high-dose-rate brachytherapy using modified Heyman packing: clinical experience and dose-volume histogram analysis. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2005</b> , 62, 468-78	4	50
135	Variation of treatment planning parameters (D90 HR-CTV, D 2cc for OAR) for cervical cancer tandem ring brachytherapy in a multicentre setting: comparison of standard planning and 3D image guided optimisation based on a joint protocol for dose-volume constraints. <i>Radiotherapy and Oncology</i> , <b>2010</b> , 94, 338-45	5.3	48
134	High-risk clinical target volume delineation in CT-guided cervical cancer brachytherapy: impact of information from FIGO stage with or without systematic inclusion of 3D documentation of clinical gynecological examination. <i>Acta Oncologica</i> , <b>2013</b> , 52, 1345-52	3.2	46
133	Treatment of locally advanced vaginal cancer with radiochemotherapy and magnetic resonance image-guided adaptive brachytherapy: dose-volume parameters and first clinical results. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2012</b> , 82, 1880-8	4	46
132	Local recurrences in cervical cancer patients in the setting of image-guided brachytherapy: a comparison of spatial dose distribution within a matched-pair analysis. <i>Radiotherapy and Oncology</i> , <b>2011</b> , 100, 468-72	5.3	46
131	Bowel morbidity following radiochemotherapy and image-guided adaptive brachytherapy for cervical cancer: Physician- and patient reported outcome from the EMBRACE study. <i>Radiotherapy and Oncology</i> , <b>2018</b> , 127, 431-439	5.3	43
130	Advancements in brachytherapy. <i>Advanced Drug Delivery Reviews</i> , <b>2017</b> , 109, 15-25	18.5	43
129	Uncertainties in assessment of the vaginal dose for intracavitary brachytherapy of cervical cancer using a tandem-ring applicator. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2007</b> , 67, 1451-9	4	43
128	Feasibility of transrectal ultrasonography for assessment of cervical cancer. <i>Strahlentherapie Und Onkologie</i> , <b>2013</b> , 189, 123-8	4.3	42
127	Direct reconstruction of the Vienna applicator on MR images. <i>Radiotherapy and Oncology</i> , <b>2009</b> , 93, 347-51	5.3	42

126	Image-guided adaptive brachytherapy for cervix carcinoma. <i>Clinical Oncology</i> , <b>2008</b> , 20, 426-32	2.8	42
125	Endovascular brachytherapy prevents restenosis after femoropopliteal angioplasty: results of the Vienna-3 randomised multicenter study. <i>Radiotherapy and Oncology</i> , <b>2005</b> , 74, 3-9	5.3	41
124	Dose volume parameter D2cc does not correlate with vaginal side effects in individual patients with cervical cancer treated within a defined treatment protocol with very high brachytherapy doses. <i>Radiotherapy and Oncology</i> , <b>2010</b> , 97, 76-9	5.3	39
123	Vaginal dose point reporting in cervical cancer patients treated with combined 2D/3D external beam radiotherapy and 2D/3D brachytherapy. <i>Radiotherapy and Oncology</i> , <b>2013</b> , 107, 99-105	5.3	37
122	Uncertainty analysis for 3D image-based cervix cancer brachytherapy by repetitive MR imaging: assessment of DVH-variations between two HDR fractions within one applicator insertion and their clinical relevance. <i>Radiotherapy and Oncology</i> , <b>2013</b> , 107, 26-31	5.3	37
121	Late gastrointestinal and urogenital side-effects after radiotherapy--incidence and prevalence. Subgroup-analysis within the prospective Austrian-German phase II multicenter trial for localized prostate cancer. <i>Radiotherapy and Oncology</i> , <b>2012</b> , 104, 114-8	5.3	37
120	Change in Patterns of Failure After Image-Guided Brachytherapy for Cervical Cancer: Analysis From the RetroEMBRACE Study. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2019</b> , 104, 895-902	4	36
119	New inverse planning technology for image-guided cervical cancer brachytherapy: description and evaluation within a clinical frame. <i>Radiotherapy and Oncology</i> , <b>2009</b> , 93, 331-40	5.3	35
118	Physician assessed and patient reported urinary morbidity after radio-chemotherapy and image guided adaptive brachytherapy for locally advanced cervical cancer. <i>Radiotherapy and Oncology</i> , <b>2018</b> , 127, 423-430	5.3	35
117	PTV margins should not be used to compensate for uncertainties in 3D image guided intracavitary brachytherapy. <i>Radiotherapy and Oncology</i> , <b>2010</b> , 97, 495-500	5.3	34
116	Transrectal ultrasound for image-guided adaptive brachytherapy in cervix cancer - An alternative to MRI for target definition?. <i>Radiotherapy and Oncology</i> , <b>2016</b> , 120, 467-472	5.3	33
115	Recommendations for image-based intracavitary brachytherapy of cervix cancer: the GYN GEC ESTRO Working Group point of view: in regard to Nag et al. (Int J Radiat Oncol Biol Phys 2004;60:1160-1172). <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2005</b> , 62, 293-5;	4	31
114	Value of Magnetic Resonance Imaging Without or With Applicator in Place for Target Definition in Cervix Cancer Brachytherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2016</b> , 94, 588-97	4	30
113	Isodose surface volumes in cervix cancer brachytherapy: Change of practice from standard (Point A) to individualized image guided adaptive (EMBRACE I) brachytherapy. <i>Radiotherapy and Oncology</i> , <b>2018</b> , 129, 567-574	5.3	30
112	Accuracy of seed reconstruction in prostate postplanning studied with a CT- and MRI-compatible phantom. <i>Radiotherapy and Oncology</i> , <b>2006</b> , 79, 190-7	5.3	29
111	Combining transrectal ultrasound and CT for image-guided adaptive brachytherapy of cervical cancer: Proof of concept. <i>Brachytherapy</i> , <b>2016</b> , 15, 839-844	2.4	29
110	Magnetic resonance imaging for assessment of parametrial tumour spread and regression patterns in adaptive cervix cancer radiotherapy. <i>Acta Oncologica</i> , <b>2013</b> , 52, 1384-90	3.2	28
109	Comparison of DVH parameters and loading patterns of standard loading, manual and inverse optimization for intracavitary brachytherapy on a subset of tandem/ovoid cases. <i>Radiotherapy and Oncology</i> , <b>2010</b> , 97, 501-6	5.3	28

108	A volumetric analysis of GTV and CTV as defined by the GEC ESTRO recommendations in FIGO stage IIB and IIIB cervical cancer patients treated with IGABT in a prospective multicentric trial (EMBRACE). <i>Radiotherapy and Oncology</i> , <b>2016</b> , 120, 404-411	5.3	28
107	Image-guided Adaptive Radiotherapy in Cervical Cancer. <i>Seminars in Radiation Oncology</i> , <b>2019</b> , 29, 284-298	5.3	27
106	Quality assurance in MR image guided adaptive brachytherapy for cervical cancer: Final results of the EMBRACE study dummy run. <i>Radiotherapy and Oncology</i> , <b>2015</b> , 117, 548-54	5.3	26
105	Ring Versus Ovoids and Intracavitary Versus Intracavitary-Interstitial Applicators in Cervical Cancer Brachytherapy: Results From the EMBRACE I Study. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2020</b> , 106, 1052-1062	4	26
104	Moderate dose escalation in three-dimensional conformal localized prostate cancer radiotherapy: single-institutional experience in 398 patients comparing 66 Gy versus 70 Gy versus 74 Gy. <i>Strahlentherapie Und Onkologie</i> , <b>2009</b> , 185, 438-45	4.3	26
103	Vaginal dose de-escalation in image guided adaptive brachytherapy for locally advanced cervical cancer. <i>Radiotherapy and Oncology</i> , <b>2016</b> , 120, 480-485	5.3	23
102	Feasibility of dominant intraprostatic lesion boosting using advanced photon-, proton- or brachytherapy. <i>Radiotherapy and Oncology</i> , <b>2015</b> , 117, 509-14	5.3	23
101	Determination and application of the reference isodose length (RIL) for commercial endovascular brachytherapy devices. <i>Radiotherapy and Oncology</i> , <b>2002</b> , 64, 309-15	5.3	23
100	Risk Factors for Ureteral Stricture After Radiochemotherapy Including Image Guided Adaptive Brachytherapy in Cervical Cancer: Results From the EMBRACE Studies. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2019</b> , 103, 887-894	4	23
99	Geographical miss during intracoronary irradiation: impact on restenosis and determination of required safety margin length. <i>Journal of the American College of Cardiology</i> , <b>2002</b> , 40, 1225-31	15.1	21
98	Importance of Technique, Target Selection, Contouring, Dose Prescription, and Dose-Planning in External Beam Radiation Therapy for Cervical Cancer: Evolution of Practice From EMBRACE-I to II. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2019</b> , 104, 885-894	4	20
97	Phantom investigations on CT seed imaging for interstitial brachytherapy. <i>Radiotherapy and Oncology</i> , <b>2007</b> , 85, 316-23	5.3	19
96	A detailed dosimetric comparison between manual and inverse plans in HDR intracavitary/interstitial cervical cancer brachytherapy. <i>Journal of Contemporary Brachytherapy</i> , <b>2010</b> , 2, 163-170	1.9	18
95	Impact of heterogeneity-corrected dose calculation using a grid-based Boltzmann solver on breast and cervix cancer brachytherapy. <i>Journal of Contemporary Brachytherapy</i> , <b>2016</b> , 8, 143-9	1.9	18
94	Optimum organ volume ranges for organs at risk dose in cervical cancer intracavitary brachytherapy. <i>Journal of Contemporary Brachytherapy</i> , <b>2016</b> , 8, 135-42	1.9	18
93	CT- and MRI-based seed localization in postimplant evaluation after prostate brachytherapy. <i>Brachytherapy</i> , <b>2013</b> , 12, 580-8	2.4	16
92	Increased genitourinary fistula rate after bevacizumab in recurrent cervical cancer patients initially treated with definitive radiochemotherapy and image-guided adaptive brachytherapy. <i>Strahlentherapie Und Onkologie</i> , <b>2017</b> , 193, 1056-1065	4.3	16
91	Comparison between external beam radiotherapy (70 Gy/74 Gy) and permanent interstitial brachytherapy in 890 intermediate risk prostate cancer patients. <i>Radiotherapy and Oncology</i> , <b>2012</b> , 103, 223-7	5.3	16

90	Concepts for critical organ dosimetry in three-dimensional image-based breast brachytherapy. <i>Brachytherapy</i> , <b>2008</b> , 7, 320-6	2.4	15
89	Image registration, contour propagation and dose accumulation of external beam and brachytherapy in gynecological radiotherapy. <i>Radiotherapy and Oncology</i> , <b>2020</b> , 143, 1-11	5.3	15
88	Vienna-II ring applicator for distal parametrial/pelvic wall disease in cervical cancer brachytherapy: An experience from two institutions: Clinical feasibility and outcome. <i>Radiotherapy and Oncology</i> , <b>2019</b> , 141, 123-129	5.3	14
87	Multicentre evaluation of a novel vaginal dose reporting method in 153 cervical cancer patients. <i>Radiotherapy and Oncology</i> , <b>2016</b> , 120, 420-427	5.3	14
86	A multicenter study to quantify systematic variations and associated uncertainties in source positioning with commonly used HDR afterloaders and ring applicators for the treatment of cervical carcinomas. <i>Medical Physics</i> , <b>2015</b> , 42, 4472-83	4.4	14
85	Comparison of seed brachytherapy or external beam radiotherapy (70Gy or 74Gy) in 919 low-risk prostate cancer patients. <i>Strahlentherapie Und Onkologie</i> , <b>2012</b> , 188, 305-10	4.3	13
84	Randomized comparison between intracoronary beta-radiation brachytherapy and implantation of paclitaxel-eluting stents for the treatment of diffuse in-stent restenosis. <i>Radiotherapy and Oncology</i> , <b>2007</b> , 82, 18-23	5.3	13
83	Possible impact of iridium-192 source centering on restenosis rate after femoro-popliteal angioplasty and endovascular brachytherapy in Vienna-2 study. <i>Radiotherapy and Oncology</i> , <b>2002</b> , 63, 97-102	5.3	13
82	Single line source with and without vaginal loading and the impact on target coverage and organ at risk doses for cervix cancer Stages IB, II, and IIIB: treatment planning simulation in patients treated with MRI-guided adaptive brachytherapy in a multicentre study (EMBRACE). <i>Brachytherapy</i> , <b>2013</b> , 12, 317-23	2.4	12
81	Use of bladder dose points for assessment of the spatial dose distribution in the posterior bladder wall in cervical cancer brachytherapy and the impact of applicator position. <i>Brachytherapy</i> , <b>2015</b> , 14, 252-94	2.4	12
80	Potential role of TRAns Cervical Endosonography (TRACE) in brachytherapy of cervical cancer: proof of concept. <i>Journal of Contemporary Brachytherapy</i> , <b>2016</b> , 8, 215-20	1.9	12
79	Can reduction of uncertainties in cervix cancer brachytherapy potentially improve clinical outcome?. <i>Radiotherapy and Oncology</i> , <b>2016</b> , 120, 390-396	5.3	12
78	Dose to the non-involved uterine corpus with MRI guided brachytherapy in locally advanced cervical cancer. <i>Radiotherapy and Oncology</i> , <b>2013</b> , 107, 93-8	5.3	10
77	Clinical quality assurance for endovascular brachytherapy devices. <i>Radiotherapy and Oncology</i> , <b>2004</b> , 71, 91-8	5.3	10
76	Total reference air kerma can accurately predict isodose surface volumes in cervix cancer brachytherapy. A multicenter study. <i>Brachytherapy</i> , <b>2017</b> , 16, 1184-1191	2.4	10
75	Image Guided Brachytherapy in Cervical Cancer: A Comparison between Intracavitary and Combined Intracavitary/Interstitial Brachytherapy in Regard to Doses to HR CTV, OARs and Late Morbidity - Early Results from the Embrace Study in 999 Patients. <i>Brachytherapy</i> , <b>2016</b> , 15, S21	2.4	10
74	Dose-Volume Effects and Risk Factors for Late Diarrhea in Cervix Cancer Patients After Radiochemotherapy With Image Guided Adaptive Brachytherapy in the EMBRACE I Study. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2021</b> , 109, 688-700	4	10
73	GEC-ESTRO/ACROP recommendations for quality assurance of ultrasound imaging in brachytherapy. <i>Radiotherapy and Oncology</i> , <b>2020</b> , 148, 51-56	5.3	9

72	Beta endovascular brachytherapy using CO2-filled centering catheter for treatment of recurrent superficial femoropopliteal artery disease. <i>Cardiovascular Revascularization Medicine</i> , <b>2009</b> , 10, 162-5	1.6	9
71	Uncertainties in assessing sigmoid dose volume parameters in MRI-guided fractionated HDR brachytherapy. <i>Brachytherapy</i> , <b>2008</b> , 7, 109	2.4	9
70	Evaluation of planning aims and dose prescription in image-guided adaptive brachytherapy and radiochemotherapy for cervical cancer: Vienna clinical experience in 225 patients from 1998 to 2008. <i>Acta Oncologica</i> , <b>2015</b> , 54, 1551-7	3.2	8
69	Implementing an online radiotherapy quality assurance programme with supporting continuous medical education - report from the EMBRACE-II evaluation of cervix cancer IMRT contouring. <i>Radiotherapy and Oncology</i> , <b>2020</b> , 147, 22-29	5.3	8
68	Gynecologic Radiation Therapy <b>2011</b> ,		8
67	New Vienna Applicator Design for Distal Parametrial Disease in Cervical Cancer. <i>Brachytherapy</i> , <b>2010</b> , 9, S51-S52	2.4	8
66	Correlation of dose volume parameters, rectoscopy findings and rectal side effects in cervix cancer patients treated with definitive radiotherapy including MRI-based brachytherapy. <i>Brachytherapy</i> , <b>2006</b> , 5, 81	2.4	8
65	Present status of endovascular brachytherapy in peripheral arteries. <i>Herz</i> , <b>2002</b> , 27, 56-61	2.6	8
64	Quality assurance in intracoronary brachytherapy. Recommendations for determining the planning target length to avoid geographic miss. <i>Radiotherapy and Oncology</i> , <b>2004</b> , 71, 311-8	5.3	8
63	Risk factors and dose-effects for bladder fistula, bleeding and cystitis after radiotherapy with imaged-guided adaptive brachytherapy for cervical cancer: An EMBRACE analysis. <i>Radiotherapy and Oncology</i> , <b>2021</b> , 158, 312-320	5.3	8
62	Importance of training in external beam treatment planning for locally advanced cervix cancer: Report from the EMBRACE II dummy run. <i>Radiotherapy and Oncology</i> , <b>2019</b> , 133, 149-155	5.3	7
61	Critical discussion of different dose-volume parameters for rectum and urethra in prostate brachytherapy. <i>Brachytherapy</i> , <b>2009</b> , 8, 353-60	2.4	7
60	Evidence-Based Dose Planning Aims and Dose Prescription in Image-Guided Brachytherapy Combined With Radiochemotherapy in Locally Advanced Cervical Cancer. <i>Seminars in Radiation Oncology</i> , <b>2020</b> , 30, 311-327	5.5	7
59	Evaluating the utility of "3D Slicer" as a fast and independent tool to assess intrafractional organ dose variations in gynecological brachytherapy. <i>Brachytherapy</i> , <b>2016</b> , 15, 514-523	2.4	7
58	Nodal Failure After Chemoradiation and Magnetic Resonance Imaging Guided Adaptive BT in Cervical Cancer: A Subanalysis Within Embrace. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2016</b> , 96, S12	4	7
57	Preliminary results of a comparison between high-tech external beam and high-tech brachytherapy for cervix carcinoma. <i>Strahlentherapie Und Onkologie</i> , <b>2007</b> , 183 Spec No 2, 19-20	4.3	6
56	A comparison of organs at risk doses in GYN intracavitary brachytherapy for different tandem lengths and bladder volumes. <i>Journal of Applied Clinical Medical Physics</i> , <b>2016</b> , 17, 5-13	2.3	6
55	Nomogram Predicting Overall Survival in Patients With Locally Advanced Cervical Cancer Treated With Radiochemotherapy Including Image-Guided Brachytherapy: A Retro-EMBRACE Study. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2021</b> , 111, 168-177	4	6



54	Education and training for image-guided adaptive brachytherapy for cervix cancer-The (GEC)-ESTRO/EMBRACE perspective. <i>Brachytherapy</i> , <b>2020</b> , 19, 827-836	2.4	5
53	Dose planning variations related to delineation variations in MRI-guided brachytherapy for locally advanced cervical cancer. <i>Brachytherapy</i> , <b>2020</b> , 19, 146-153	2.4	5
52	Improved source path localisation in ring applicators and the clinical impact for gynecological brachytherapy. <i>Journal of Contemporary Brachytherapy</i> , <b>2015</b> , 7, 239-43	1.9	5
51	High-tech image-guided therapy versus low-tech, simple, cheap gynecologic brachytherapy. <i>Brachytherapy</i> , <b>2015</b> , 14, 910-2	2.4	5
50	Comparison of PDR brachytherapy and external beam radiation therapy in the case of breast cancer. <i>Physics in Medicine and Biology</i> , <b>2009</b> , 54, 2585-95	3.8	5
49	Randomized blinded clinical trial of intracoronary brachytherapy with 90Sr/Y beta-radiation for the prevention of restenosis after stent implantation in native coronary arteries in diabetic patients. <i>Radiotherapy and Oncology</i> , <b>2006</b> , 78, 60-6	5.3	5
48	Importance of the ICRU bladder point dose on incidence and persistence of urinary frequency and incontinence in locally advanced cervical cancer: An EMBRACE analysis. <i>Radiotherapy and Oncology</i> , <b>2021</b> , 158, 300-308	5.3	5
47	Artificial neural network based gynaecological image-guided adaptive brachytherapy treatment planning correction of intra-fractional organs at risk dose variation. <i>Journal of Contemporary Brachytherapy</i> , <b>2017</b> , 9, 508-518	1.9	4
46	Importance of Technique, Dose Prescription, and Contouring in Cervix External Beam Radiation Therapy: Current and Future Practice in a Large Multicenter Study (EMBRACE). <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2016</b> , 96, E292	4	4
45	Dose volume relations in HR-CTV as predictive factors for local tumor control in MRI-based cervical cancer brachytherapy: Comparison between patients with and without recurrence. <i>Brachytherapy</i> , <b>2006</b> , 5, 81	2.4	3
44	Estimation of doses to personnel and patients during endovascular brachytherapy applications. <i>Radiation Protection Dosimetry</i> , <b>2004</b> , 108, 237-45	0.9	3
43	Treatment parameters for beta and gamma devices in peripheral endovascular brachytherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2004</b> , 60, 1652-9	4	3
42	Dose-volume histograms based on serial intravascular ultrasound: a calculation model for radioactive stents. <i>Radiotherapy and Oncology</i> , <b>2001</b> , 59, 329-37	5.3	3
41	IMRT, IGRT, and other high technology becomes standard in external beam radiotherapy: But is image-guided brachytherapy for cervical cancer too expensive?. <i>Journal of Medical Physics</i> , <b>2015</b> , 40, 1-4	0.7	3
40	Risk factors for nodal failure after radiochemotherapy and image guided brachytherapy in locally advanced cervical cancer: An EMBRACE analysis. <i>Radiotherapy and Oncology</i> , <b>2021</b> , 163, 150-158	5.3	3
39	Inflatable multichannel rectal applicator for adaptive image-guided endoluminal high-dose-rate rectal brachytherapy: design, dosimetric characteristics, and first clinical experiences. <i>Journal of Contemporary Brachytherapy</i> , <b>2017</b> , 9, 359-363	1.9	2
38	Experimental platform for intra-uterine needle placement procedures <b>2013</b> ,		2
37	Vaginal dose delivered by tandem and ovoid versus tandem and ring in cervical cancer. <i>Brachytherapy</i> , <b>2006</b> , 5, 82	2.4	2

36	Intracoronary brachytherapy with beta-radiation for the treatment of long diffuse in-stent restenosis. <i>Coronary Artery Disease</i> , <b>2004</b> , 15, 285-9	1.4	2
35	Quantification of dose perturbation by plaque in vascular brachytherapy. <i>European Journal of Clinical Investigation</i> , <b>2005</b> , 35, 180-5	4.6	2
34	3D-conformal radiotherapy for prevention of carotid recurrent in-stent restenosis. Initial experience. <i>Wiener Klinische Wochenschrift</i> , <b>2005</b> , 117, 293-6	2.3	2
33	Vascular morphometric changes after radioactive stent implantation: a dose-response analysis. <i>Journal of the American College of Cardiology</i> , <b>2002</b> , 39, 400-7	15.1	2
32	Erratum to : Recommendations of the EVA GEC ESTRO Working Group: prescribing, recording, and reporting in endovascular brachytherapy. Quality assurance, equipment, personnel and education [Radiother. Oncol. 59 (2001) 339-360]. <i>Radiotherapy and Oncology</i> , <b>2001</b> , 60, 337-338	5.3	2
31	Impact of uncertainties related to noise indicator determination on observed exposure-effect relationship. <i>Noise and Health</i> , <b>2018</b> , 20, 212-216	0.9	2
30	Hybrid TRUS/CT with optical tracking for target delineation in image-guided adaptive brachytherapy for cervical cancer. <i>Strahlentherapie Und Onkologie</i> , <b>2020</b> , 196, 983-992	4.3	2
29	Results of image guided brachytherapy for stage IB cervical cancer in the RetroEMBRACE study. <i>Radiotherapy and Oncology</i> , <b>2021</b> , 157, 24-31	5.3	2
28	The effect of railway platforms and platform canopies on sound propagation. <i>Applied Acoustics</i> , <b>2019</b> , 151, 137-152	3.1	1
27	3D MRI-based brachytherapy for cervical cancer. <i>Expert Review of Obstetrics and Gynecology</i> , <b>2008</b> , 3, 351-358		1
26	In Reply to Dr. Cengiz et al.. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2007</b> , 69, 963-964		1
25	Percutaneous interventions in radiation-associated coronary in-stent restenosis. <i>CardioVascular and Interventional Radiology</i> , <b>2003</b> , 26, 154-7	2.7	1
24	In regard to correspondence between Peter et al. and Nag et al. (Int J Radiat Oncol Biol Phys 2005;62:293-295). <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2005</b> , 63, 644-5; author reply 645-7	4	1
23	Combined annoyance response from railroad and road traffic noise in an alpine valley. <i>Noise and Health</i> , <b>2020</b> , 22, 10-18	0.9	1
22	Comparison of EBRT and I-125 seed brachytherapy concerning outcome in intermediate-risk prostate cancer. <i>Strahlentherapie Und Onkologie</i> , <b>2021</b> , 197, 986-992	4.3	1
21	Initiatives for education, training, and dissemination of morbidity assessment and reporting in a multiinstitutional international context: Insights from the EMBRACE studies on cervical cancer. <i>Brachytherapy</i> , <b>2020</b> , 19, 837-849	2.4	0
20	Physics for Image-Guided Brachytherapy <b>2011</b> , 143-164		0
19	Low-Dose-Rate versus High-Dose-Rate intracavitary brachytherapy in cervical cancer - Final Results of a Phase III randomized trial. <i>Brachytherapy</i> , <b>2021</b> , 20, 1146-1155	2.4	0

18	Reply to the Letter to the Editor by H. Yamazaki et al. <i>Radiotherapy and Oncology</i> , <b>2017</b> , 123, 170-171	5.3
17	In response to the letter to the editor from Sylvia van Dyk et al. regarding our editorial "High-tech image-guided therapy vs. low-tech, simple, cheap gynecologic brachytherapy". <i>Brachytherapy</i> , <b>2016</b> , 15, 207	2.4
16	In reply A. Sharma et al. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2013</b> , 85, 288-9	4
15	In Response to Dr. Wei and Colleagues. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2011</b> , 81, 315-316	4
14	Image-guided treatment planning in brachytherapy for cervical cancer. In regard to Kubicky et al (Brachytherapy 2008;7:242-247). <i>Brachytherapy</i> , <b>2008</b> , 7, 364; author reply 364-5	2.4
13	The current place of radiation therapy in cervical cancer [Focus on image-based brachytherapy. <i>European Journal of Cancer, Supplement</i> , <b>2007</b> , 5, 420-422	1.6
12	Basic treatment planning parameters for a 90Sr / 90Y source train used in endovascular brachytherapy. <i>Zeitschrift Fur Medizinische Physik</i> , <b>2004</b> , 14, 159-67	7.6
11	Increased dosage during intracoronary irradiation due to overlapped source stepping shows no long-term adverse changes in vessel morphology. <i>Journal of Interventional Cardiology</i> , <b>2004</b> , 17, 143-9	1.8
10	In response to Dr. Narayan et al. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2005</b> , 63, 646-647	4
9	Vascular Brachytherapy <b>2006</b> , 389-395	
8	Katheterbasierte HDR-Brachytherapie der peripheren GefäÙ <b>2002</b> , 233-245	
7	Quantitative and qualitative application of clinical drawings for image-guided brachytherapy in cervical cancer patients. <i>Journal of Contemporary Brachytherapy</i> , <b>2021</b> , 13, 512-518	1.9
6	Reply to the comment of S. VanDyk and K. Narayan on the editorial "IMRT, IGRT and other high technology become standard in external beam radiotherapy: But is image-guided brachytherapy for cervical cancer too expensive?" J Med Phys 2015;40:1-4. <i>Journal of Medical Physics</i> , <b>2015</b> , 40, 247-8	0.7
5	Austria: Medical University of Vienna, Vienna <b>2011</b> , 173-179	
4	Physics Perspectives on the Role of 3D Imaging <b>2011</b> , 61-72	
3	Response to Yuce Sari et al. <i>Radiotherapy and Oncology</i> , <b>2021</b> , 158, 323-324	5.3
2	Dosimetric impact of target definition in brachytherapy for cervical cancer - Computed tomography and trans rectal ultrasound versus magnetic resonance imaging.. <i>Physics and Imaging in Radiation Oncology</i> , <b>2022</b> , 21, 126-133	3.1
1	S-shaped dependence of the sound pressure level in outdoor propagation on the effective sound speed gradient. <i>Acta Acustica</i> , <b>2022</b> , 6, 13	0.9

