

# Richard Ptter

## List of Publications by Citations

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321  
papers

18,297  
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69  
h-index

123  
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344  
ext. papers

21,334  
ext. citations

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avg, IF

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L-index

#	Paper	IF	Citations
321	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
320	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
319	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
318	Patient selection for accelerated partial-breast irradiation (APBI) after breast-conserving surgery: recommendations of the Groupe Européen de Curiothérapie-European Society for Therapeutic Radiology and Oncology (GEC-ESTRO) breast cancer working group based on clinical evidence (2009). <i>Radiotherapy and Oncology</i> , <b>2010</b> , 94, 211-23	5.3	449
317	5-year results of accelerated partial breast irradiation using sole interstitial multicatheter brachytherapy versus whole-breast irradiation with boost after breast-conserving surgery for low-risk invasive and in-situ carcinoma of the female breast: a randomised, phase 3, non-inferiority trial. <i>Lancet, The</i> , <b>2016</b> , 387, 229-38	4.0	430
316	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
315	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
314	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
313	Carbon ion radiotherapy in Japan: an assessment of 20 years of clinical experience. <i>Lancet Oncology, The</i> , <b>2015</b> , 16, e93-e100	21.7	322
312	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
311	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
310	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
309	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
308	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
307	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
306	Intratumoral pO <sub>2</sub> -measurements as predictive assay in the treatment of carcinoma of the uterine cervix. <i>Radiotherapy and Oncology</i> , <b>1999</b> , 53, 99-104	5.3	196
305	High cure rates and reduced long-term toxicity in pediatric Hodgkin's disease: the German-Austrian multicenter trial DAL-HD-90. The German-Austrian Pediatric Hodgkin's Disease Study Group. <i>Journal of Clinical Oncology</i> , <b>1999</b> , 17, 3736-44	2.2	190

304	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	4	181
303	Lumpectomy plus tamoxifen or anastrozole with or without whole breast irradiation in women with favorable early breast cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2007</b> , 68, 334-40	4	171
302	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
301	Treatment planning comparison of conventional, 3D conformal, and intensity-modulated photon (IMRT) and proton therapy for paranasal sinus carcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2004</b> , 58, 147-54	4	166
300	The European Society of Gynaecological Oncology/European Society for Radiotherapy and Oncology/European Society of Pathology Guidelines for the Management of Patients With Cervical Cancer. <i>International Journal of Gynecological Cancer</i> , <b>2018</b> , 28, 641-655	3.5	164
299	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
298	Late side-effects and cosmetic results of accelerated partial breast irradiation with interstitial brachytherapy versus whole-breast irradiation after breast-conserving surgery for low-risk invasive and in-situ carcinoma of the female breast: 5-year results of a randomised, controlled, phase 3 trial. <i>Lancet Oncology</i> , <b>2017</b> , 18, 259-268	21.7	161
297	GEC/ESTRO-EAU recommendations on temporary brachytherapy using stepping sources for localised prostate cancer. <i>Radiotherapy and Oncology</i> , <b>2005</b> , 74, 137-48	5.3	160
296	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
295	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
294	Rectal sequelae after conformal radiotherapy of prostate cancer: dose-volume histograms as predictive factors. <i>Radiotherapy and Oncology</i> , <b>2001</b> , 59, 65-70	5.3	140
293	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
292	The influence of a rectal balloon tube as internal immobilization device on variations of volumes and dose-volume histograms during treatment course of conformal radiotherapy for prostate cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2002</b> , 52, 91-100	4	138
291	Bladder and rectum dose defined from MRI based treatment planning for cervix cancer brachytherapy: comparison of dose-volume histograms for organ contours and organ wall, comparison with ICRU rectum and bladder reference point. <i>Radiotherapy and Oncology</i> , <b>2003</b> , 68, 269-76	5.3	133
290	The European Society of Gynaecological Oncology/European Society for Radiotherapy and Oncology/European Society of Pathology guidelines for the management of patients with cervical cancer. <i>Radiotherapy and Oncology</i> , <b>2018</b> , 127, 404-416	5.3	131
289	Late valvular and other cardiac diseases after different doses of mediastinal radiotherapy for Hodgkin disease in children and adolescents: report from the longitudinal GPOH follow-up project of the German-Austrian DAL-HD studies. <i>Pediatric Blood and Cancer</i> , <b>2010</b> , 55, 1145-52	3	121
288	Accelerated partial breast irradiation with multi-catheter brachytherapy: Local control, side effects and cosmetic outcome for 274 patients. Results of the German-Austrian multi-centre trial. <i>Radiotherapy and Oncology</i> , <b>2007</b> , 82, 281-6	5.3	120
287	Endoscopic scoring of late rectal mucosal damage after conformal radiotherapy for prostatic carcinoma. <i>Radiotherapy and Oncology</i> , <b>2000</b> , 54, 11-9	5.3	120

286	Comparison of radiography- and computed tomography-based treatment planning in cervix cancer in brachytherapy with specific attention to some quality assurance aspects. <i>Radiotherapy and Oncology</i> , <b>2001</b> , 58, 53-62	5.3	116
285	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
284	Treatment of children and adolescents with Hodgkin lymphoma without radiotherapy for patients in complete remission after chemotherapy: final results of the multinational trial GPOH-HD95. <i>Journal of Clinical Oncology</i> , <b>2013</b> , 31, 1562-8	2.2	106
283	Systematic evaluation of MRI findings in different stages of treatment of cervical cancer: potential of MRI on delineation of target, pathoanatomic structures, and organs at risk. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2006</b> , 64, 1380-8	4	106
282	Aspects of MR image distortions in radiotherapy treatment planning. <i>Strahlentherapie Und Onkologie</i> , <b>2001</b> , 177, 59-73	4.3	105
281	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
280	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
279	<sup>11</sup> C-acetate positron emission tomography imaging and image fusion with computed tomography and magnetic resonance imaging in patients with recurrent prostate cancer. <i>Journal of Clinical Oncology</i> , <b>2006</b> , 24, 2513-9	2.2	98
278	Accelerated partial breast irradiation: 5-year results of the German-Austrian multicenter phase II trial using interstitial multicatheter brachytherapy alone after breast-conserving surgery. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2011</b> , 80, 17-24	4	97
277	Local tumor control and morbidity after one to three fractions of stereotactic external beam irradiation for uveal melanoma. <i>Radiotherapy and Oncology</i> , <b>2000</b> , 55, 135-44	5.3	96
276	The impact of sectional imaging on dose escalation in endocavitary HDR-brachytherapy of cervical cancer: results of a prospective comparative trial. <i>Radiotherapy and Oncology</i> , <b>2003</b> , 68, 51-9	5.3	93
275	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
274	LINAC based stereotactic radiotherapy of uveal melanoma: 4 years clinical experience. <i>Radiotherapy and Oncology</i> , <b>2003</b> , 67, 199-206	5.3	88
273	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
272	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
271	Salvage therapy of progressive and recurrent Hodgkin's disease: results from a multicenter study of the pediatric DAL/GPOH-HD study group. <i>Journal of Clinical Oncology</i> , <b>2005</b> , 23, 6181-9	2.2	85
270	Adaptive management of cervical cancer radiotherapy. <i>Seminars in Radiation Oncology</i> , <b>2010</b> , 20, 121-9	5.5	83
269	Manifestation pattern of early-late vaginal morbidity after definitive radiation (chemo)therapy and image-guided adaptive brachytherapy for locally advanced cervical cancer: an analysis from the EMBRACE study. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2014</b> , 89, 88-95	4	81

268	Locally recurrent breast cancer: pulse dose rate brachytherapy for repeat irradiation following lumpectomy-- a second chance to preserve the breast. <i>Radiology</i> , <b>2002</b> , 225, 713-8	20.5	81
267	Intensified Adjuvant IFADIC Chemotherapy for Adult Soft Tissue Sarcoma: A Prospective Randomized Feasibility Trial. <i>Sarcoma</i> , <b>2000</b> , 4, 151-60	3.1	80
266	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
265	Quality of life changes during conformal radiation therapy for prostate carcinoma. <i>Cancer</i> , <b>2000</b> , 89, 1328-34	5.3	74
264	Dosimetric impact of interobserver variability in MRI-based delineation for cervical cancer brachytherapy. <i>Radiotherapy and Oncology</i> , <b>2013</b> , 107, 13-9	5.3	73
263	Primary treatment of endometrial carcinoma with high-dose-rate brachytherapy: results of 12 years of experience with 280 patients. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>1997</b> , 37, 359-65	4	72
262	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
261	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
260	Quality-of-life results for accelerated partial breast irradiation with interstitial brachytherapy versus whole-breast irradiation in early breast cancer after breast-conserving surgery (GEC-ESTRO): 5-year results of a randomised, phase 3 trial. <i>Lancet Oncology</i> , <b>2018</b> , 19, 834-844	21.7	71
259	Survey of the use of the ICRU 38 in recording and reporting cervical cancer brachytherapy. <i>Radiotherapy and Oncology</i> , <b>2001</b> , 58, 11-8	5.3	71
258	Erythropoietin for patients undergoing radiotherapy: a pilot study. <i>Radiotherapy and Oncology</i> , <b>1999</b> , 50, 185-90	5.3	71
257	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
256	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
255	Patterns of care for brachytherapy in Europe: updated results. <i>Radiotherapy and Oncology</i> , <b>2010</b> , 97, 514-20	5.3	70
254	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
253	Radiation therapy in the treatment of endometrial stromal sarcoma. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2001</b> , 49, 739-48	4	69
252	Impact of multiple HPV infection on response to treatment and survival in patients receiving radical radiotherapy for cervical cancer. <i>International Journal of Cancer</i> , <b>2002</b> , 102, 237-43	7.5	68
251	Partial breast irradiation for locally recurrent breast cancer within a second breast conserving treatment: alternative to mastectomy? Results from a prospective trial. <i>Radiotherapy and Oncology</i> , <b>2012</b> , 102, 96-101	5.3	67

250	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
249	Feasibility of CBCT-based target and normal structure delineation in prostate cancer radiotherapy: multi-observer and image multi-modality study. <i>Radiotherapy and Oncology</i> , <b>2011</b> , 98, 154-61	5.3	66
248	TP53 genotype but not p53 immunohistochemical result predicts response to preoperative short-term radiotherapy in rectal cancer. <i>Annals of Surgery</i> , <b>2002</b> , 235, 493-8	7.8	66
247	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
246	GEC-ESTRO multicenter phase 3-trial: Accelerated partial breast irradiation with interstitial multicatheter brachytherapy versus external beam whole breast irradiation: Early toxicity and patient compliance. <i>Radiotherapy and Oncology</i> , <b>2016</b> , 120, 119-23	5.3	63
245	The European Society of Gynaecological Oncology/European Society for Radiotherapy and Oncology/European Society of Pathology Guidelines for the Management of Patients with Cervical Cancer. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , <b>2018</b> , 472, 819-836	5.1	63
244	The updated ESTRO core curricula 2011 for clinicians, medical physicists and RTTs in radiotherapy/radiation oncology. <i>Radiotherapy and Oncology</i> , <b>2012</b> , 103, 103-8	5.3	61
243	Comparative treatment planning on localized prostate carcinoma conformal photon- versus proton-based radiotherapy. <i>Strahlentherapie Und Onkologie</i> , <b>2005</b> , 181, 448-55	4.3	61
242	MRI-guided adaptive brachytherapy in locally advanced cervical cancer (EMBRACE-I): a multicentre prospective cohort study. <i>Lancet Oncology, The</i> , <b>2021</b> , 22, 538-547	21.7	61
241	MRI assessment of cervical cancer for adaptive radiotherapy. <i>Strahlentherapie Und Onkologie</i> , <b>2009</b> , 185, 282-7	4.3	60
240	Results of postoperative radiotherapy in the treatment of sarcoma of the corpus uteri. <i>Cancer</i> , <b>1998</b> , 83, 1972-9	6.4	59
239	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
238	Evaluating repetitive 18F-fluoroazomycin-arabinoide (18FAZA) PET in the setting of MRI guided adaptive radiotherapy in cervical cancer. <i>Acta Oncologica</i> , <b>2010</b> , 49, 941-7	3.2	57
237	Proton beam radiotherapy versus fractionated stereotactic radiotherapy for uveal melanomas: A comparative study. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2005</b> , 63, 373-84	4	55
236	Intraarterial (192)Ir high-dose-rate brachytherapy for prophylaxis of restenosis after femoropopliteal percutaneous transluminal angioplasty: the prospective randomized Vienna-2-trial radiotherapy parameters and risk factors analysis. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2000</b> , 48, 923-31	4	55
235	A linac-based stereotactic irradiation technique of uveal melanoma. <i>Radiotherapy and Oncology</i> , <b>2001</b> , 61, 49-56	5.3	55
234	Extended field and total central lymphatic radiotherapy in the treatment of early stage lymph node centroblastic-centrocytic lymphomas: results of a prospective multicenter study. Study Group NHL-frühe Stadien. <i>Cancer</i> , <b>1997</b> , 80, 2273-84	6.4	54
233	Proctitis after external-beam radiotherapy for prostate cancer classified by Vienna Rectoscopy Score and correlated with EORTC/RTOG score for late rectal toxicity: results of a prospective multicenter study of 166 patients. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2007</b> , 67, 78-83	4	54

232	In-vivo dosimetry for gynaecological brachytherapy: physical and clinical considerations. <i>Radiotherapy and Oncology</i> , <b>2005</b> , 77, 310-7	5.3	54
231	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
230	High-dose-rate (HDR) brachytherapy with or without external beam radiotherapy in the treatment of primary vaginal carcinoma: long-term results and side effects. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2003</b> , 56, 950-7	4	54
229	Accelerated partial breast irradiation with iridium-192 multicatheter PDR/HDR brachytherapy. Preliminary results of the German-Austrian multicenter trial. <i>Strahlentherapie Und Onkologie</i> , <b>2004</b> , 180, 642-9	4.3	53
228	Effects of geometric distortion in 0.2T MRI on radiotherapy treatment planning of prostate cancer. <i>Radiotherapy and Oncology</i> , <b>2004</b> , 71, 55-64	5.3	52
227	Health-Related Quality of Life in Locally Advanced Cervical Cancer Patients After Definitive Chemoradiation Therapy Including Image Guided Adaptive Brachytherapy: An Analysis From the EMBRACE Study. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2016</b> , 94, 1088-98	4	51
226	Interstitial brachytherapy alone after breast conserving surgery: interim results of a German-Austrian multicenter phase II trial. <i>Brachytherapy</i> , <b>2004</b> , 3, 115-9	2.4	50
225	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
224	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, 339-45	5.3	48
223	Treatment of children with relapsed soft tissue sarcoma: report of the German CESS/CWS REZ 91 trial. <i>Medical and Pediatric Oncology</i> , <b>1998</b> , 30, 269-75		47
222	Neoadjuvant hormonal treatment and radiotherapy for prostate cancer. <i>Oncology</i> , <b>2003</b> , 65 Suppl 1, 29-33	3.6	47
221	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
220	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
219	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
218	Ultrasound-guided interstitial brachytherapy in the treatment of advanced vaginal recurrences from cervical and endometrial carcinoma. <i>Strahlentherapie Und Onkologie</i> , <b>2006</b> , 182, 86-95	4.3	46
217	Parametrial boost using midline shielding results in an unpredictable dose to tumor and organs at risk in combined external beam radiotherapy and brachytherapy for locally advanced cervical cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2011</b> , 79, 1572-9	4	45
216	Long-term results (10 years) of intensive breast conserving therapy including a high-dose and large-volume interstitial brachytherapy boost (LDR/HDR) for T1/T2 breast cancer. <i>Radiotherapy and Oncology</i> , <b>2002</b> , 63, 47-58	5.3	45
215	Serum VEGF levels in patients undergoing primary radiotherapy for cervical cancer: impact on progression-free survival. <i>Cancer Letters</i> , <b>2002</b> , 179, 197-203	9.9	45

214	Endovascular brachytherapy for prophylaxis against restenosis after long-segment femoropopliteal placement of stents: initial results. <i>Radiology</i> , <b>2001</b> , 220, 724-9	20.5	44
213	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
212	Advancements in brachytherapy. <i>Advanced Drug Delivery Reviews</i> , <b>2017</b> , 109, 15-25	18.5	43
211	Can protons improve SBRT for lung lesions? Dosimetric considerations. <i>Radiotherapy and Oncology</i> , <b>2008</b> , 88, 368-75	5.3	43
210	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
209	The benefit of Beam's eye view based 3D treatment planning for cervical cancer. <i>Radiotherapy and Oncology</i> , <b>1999</b> , 51, 71-8	5.3	43
208	Feasibility of transrectal ultrasonography for assessment of cervical cancer. <i>Strahlentherapie Und Onkologie</i> , <b>2013</b> , 189, 123-8	4.3	42
207	Direct reconstruction of the Vienna applicator on MR images. <i>Radiotherapy and Oncology</i> , <b>2009</b> , 93, 347-51	5.3	42
206	Impact of a micromultileaf collimator on stereotactic radiotherapy of uveal melanoma. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2003</b> , 55, 881-91	4	42
205	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
204	Abdominal cancer during early childhood: a dosimetric comparison of proton beams to standard and advanced photon radiotherapy. <i>Radiotherapy and Oncology</i> , <b>2008</b> , 89, 141-9	5.3	40
203	Quality control in interstitial brachytherapy of the breast using pulsed dose rate: treatment planning and dose delivery with an Ir-192 afterloading system. <i>Radiotherapy and Oncology</i> , <b>2001</b> , 58, 43-51	5.3	40
202	Posttraumatic stress disorder after high-dose-rate brachytherapy for cervical cancer with 2 fractions in 1 application under spinal/epidural anesthesia: incidence and risk factors. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2014</b> , 89, 260-7	4	39
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