Heinz Deutschmann

List of Publications by Year
in descending order

29	799	516710 16	501196 28
papers	citations	h-index	g-index

29	29	29	887
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	First Clinical Release of an Online, Adaptive, Aperture-Based Image-Guided Radiotherapy Strategy in Intensity-Modulated Radiotherapy to Correct for Inter- and Intrafractional Rotations of the Prostate. International Journal of Radiation Oncology Biology Physics, 2012, 83, 1624-1632.	0.8	67
2	Quality assurance in breast cancer brachytherapy: Geographic miss in the interstitial boost treatment of the tumor bed. International Journal of Radiation Oncology Biology Physics, 1996, 34, 1133-1139.	0.8	63
3	A Dosimetric Comparison of IORT Techniques in Limited-Stage Breast Cancer. Strahlentherapie Und Onkologie, 2006, 182, 342-348.	2.0	62
4	Intraoperative radiotherapy (IORT) as boost in breast cancer. Radiation Oncology, 2017, 12, 23.	2.7	62
5	The Salzburg concept of intraoperative radiotherapy for breast cancer: Results and considerations. International Journal of Cancer, 2006, 118, 2882-2887.	5.1	55
6	The technological basis for adaptive ion beam therapy at MedAustron: Status and outlook. Zeitschrift Fur Medizinische Physik, 2018, 28, 196-210.	1.5	51
7	IORT with Electrons as Boost Strategy during Breast Conserving Therapy in Limited Stage Breast Cancer: Results of an ISIORT Pooled Analysis. Strahlentherapie Und Onkologie, 2007, 183, 32-34.	2.0	50
8	Radiotherapy planning for lung cancer: Slow CTs allow the drawing of tighter margins. Radiotherapy and Oncology, 2005, 75, 165-170.	0.6	48
9	Hsa-miR-375 is a predictor of local control in early stage breast cancer. Clinical Epigenetics, 2016, 8, 28.	4.1	44
10	A strategy for the use of image-guided radiotherapy (IGRT) on linear accelerators and its impact on treatment margins for prostate cancer patients. Strahlentherapie Und Onkologie, 2008, 184, 663-667.	2.0	41
11	Boost IORT in Breast Cancer: Body of Evidence. International Journal of Breast Cancer, 2014, 2014, 1-6.	1.2	32
12	Concepts and techniques of intraoperative radiotherapy (IORT) for breast cancer. Breast Cancer, 2008, 15, 40-46.	2.9	30
13	Comparison of two different rectal spacers in prostate cancer external beam radiotherapy in terms of rectal sparing and volume consistency. Radiotherapy and Oncology, 2015, 116, 221-225.	0.6	27
14	â€œAugmented Realityâ€•in Conventional Simulation by Projection of 3-D Structures into 2-D Images. Strahlentherapie Und Onkologie, 2008, 184, 93-99.	2.0	21
15	Non-Small Cell Lung Cancer in Stages Iâ€“IIIB. Strahlentherapie Und Onkologie, 2010, 186, 551-557.	2.0	18
16	DART-bid (Dose-differentiated accelerated radiation therapy, 1.8â€‰Gy twice daily)â€“a novel approach for non-resected NSCLC: final results of a prospective study, correlating radiation dose to tumor volume. Radiation Oncology, 2013, 8, 49.	2.7	17
17	Radiotherapy for lung cancer: target splitting by asymmetric collimation enables reduction of radiation doses to normal tissues and dose escalation. International Journal of Radiation Oncology Biology Physics, 1999, 44, 333-341.	0.8	15
18	Normal tissue complication models for clinically relevant acute esophagitis (â‰¥ grade 2) in patients treated with dose differentiated accelerated radiotherapy (DART-bid). Radiation Oncology, 2015, 10, 121.	2.7	15

#	Article	IF	Citations
19	A Monte Carlo based scatter removal method for non-isocentric cone-beam CT acquisitions using a deep convolutional autoencoder. Physics in Medicine and Biology, 2020, 65, 145002.	3.0	13
20	Nonresected Nonâ€“Small-Cell Lung Cancer in Stages I Through IIIB: Accelerated, Twice-Daily, High-Dose Radiotherapyâ€”A Prospective Phase I/II Trial With Long-Term Follow-Up. International Journal of Radiation Oncology Biology Physics, 2010, 77, 1345-1351.	0.8	11
21	Nineâ€degreesâ€ofâ€freedom flexmap for a coneâ€beam computed tomography imaging device with independently movable source and detector. Medical Physics, 2017, 44, 132-142.	3.0	10
22	DART-bid: dose-differentiated accelerated radiation therapy, 1.8ÂGy twice daily. Strahlentherapie Und Onkologie, 2015, 191, 256-263.	2.0	9
23	DART-bid for loco-regionally advanced NSCLC. Strahlentherapie Und Onkologie, 2017, 193, 315-323.	2.0	9
24	Target splitting in radiation therapy for lung cancer: further developments and exemplary treatment plans. Radiation Oncology, 2009, 4, 30.	2.7	8
25	NSCLC: Primary Tumor Size â€“ Radiation Dose-related Accelerated, Twice Daily Radiotherapy by Target Splitting, Preceded by 2 Cycles of Chemotherapy â€“ First Results of a Prospective Study. Strahlentherapie Und Onkologie, 2007, 183, 38-40.	2.0	7
26	Technical Note: Procedure for the calibration and validation of kiloâ€voltage coneâ€beam CT models. Medical Physics, 2016, 43, 5199-5204.	3.0	6
27	Cerebral cortex dose sparing for glioblastoma patients: IMRT versus robust treatment planning. Radiation Oncology, 2018, 13, 20.	2.7	5
28	Nonâ€“Small-Cell Lung Cancer: Dose Escalation by Target Splitting with Asymmetric Collimation. Clinical Lung Cancer, 2001, 3, 151-153.	2.6	2
29	O-292 Inoperable NSCLC - stage I: Radiotherapy with 88 Gy yields good locoregional control. Lung Cancer, 2003, 41, S85.	2.0	1