

# Heinz Deutschmann

## List of Publications by Year in descending order

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29  
papers

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citations

516710

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501196

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29  
docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	A Monte Carlo based scatter removal method for non-isocentric cone-beam CT acquisitions using a deep convolutional autoencoder. <i>Physics in Medicine and Biology</i> , 2020, 65, 145002.	3.0	13
2	The technological basis for adaptive ion beam therapy at MedAustron: Status and outlook. <i>Zeitschrift Fur Medizinische Physik</i> , 2018, 28, 196-210.	1.5	51
3	Cerebral cortex dose sparing for glioblastoma patients: IMRT versus robust treatment planning. <i>Radiation Oncology</i> , 2018, 13, 20.	2.7	5
4	DART-bid for loco-regionally advanced NSCLC. <i>Strahlentherapie Und Onkologie</i> , 2017, 193, 315-323.	2.0	9
5	Intraoperative radiotherapy (IORT) as boost in breast cancer. <i>Radiation Oncology</i> , 2017, 12, 23.	2.7	62
6	Nine-degree-of-freedom flexmap for a cone-beam computed tomography imaging device with independently movable source and detector. <i>Medical Physics</i> , 2017, 44, 132-142.	3.0	10
7	Technical Note: Procedure for the calibration and validation of kilo-voltage cone-beam CT models. <i>Medical Physics</i> , 2016, 43, 5199-5204.	3.0	6
8	Hsa-miR-375 is a predictor of local control in early stage breast cancer. <i>Clinical Epigenetics</i> , 2016, 8, 28.	4.1	44
9	Normal tissue complication models for clinically relevant acute esophagitis (grade 2) in patients treated with dose differentiated accelerated radiotherapy (DART-bid). <i>Radiation Oncology</i> , 2015, 10, 121.	2.7	15
10	DART-bid: dose-differentiated accelerated radiation therapy, 1.8 Gy twice daily. <i>Strahlentherapie Und Onkologie</i> , 2015, 191, 256-263.	2.0	9
11	Comparison of two different rectal spacers in prostate cancer external beam radiotherapy in terms of rectal sparing and volume consistency. <i>Radiotherapy and Oncology</i> , 2015, 116, 221-225.	0.6	27
12	Boost IORT in Breast Cancer: Body of Evidence. <i>International Journal of Breast Cancer</i> , 2014, 2014, 1-6.	1.2	32
13	DART-bid (Dose-differentiated accelerated radiation therapy, 1.8 Gy twice daily) – a novel approach for non-resected NSCLC: final results of a prospective study, correlating radiation dose to tumor volume. <i>Radiation Oncology</i> , 2013, 8, 49.	2.7	17
14	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. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 83, 1624-1632.	0.8	67
15	Non-Small Cell Lung Cancer in Stages I–IIIB. <i>Strahlentherapie Und Onkologie</i> , 2010, 186, 551-557.	2.0	18
16	Nonresected Non-Small-Cell Lung Cancer in Stages I Through IIIB: Accelerated, Twice-Daily, High-Dose Radiotherapy – A Prospective Phase I/II Trial With Long-Term Follow-Up. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 77, 1345-1351.	0.8	11
17	Target splitting in radiation therapy for lung cancer: further developments and exemplary treatment plans. <i>Radiation Oncology</i> , 2009, 4, 30.	2.7	8
18	Augmented Reality in Conventional Simulation by Projection of 3-D Structures into 2-D Images. <i>Strahlentherapie Und Onkologie</i> , 2008, 184, 93-99.	2.0	21

#	ARTICLE	IF	CITATIONS
19	A strategy for the use of image-guided radiotherapy (IGRT) on linear accelerators and its impact on treatment margins for prostate cancer patients. <i>Strahlentherapie Und Onkologie</i> , 2008, 184, 663-667.	2.0	41
20	Concepts and techniques of intraoperative radiotherapy (IORT) for breast cancer. <i>Breast Cancer</i> , 2008, 15, 40-46.	2.9	30
21	IORT with Electrons as Boost Strategy during Breast Conserving Therapy in Limited Stage Breast Cancer: Results of an ISIORT Pooled Analysis. <i>Strahlentherapie Und Onkologie</i> , 2007, 183, 32-34.	2.0	50
22	NSCLC: Primary Tumor Size – Radiation Dose-related Accelerated, Twice Daily Radiotherapy by Target Splitting, Preceded by 2 Cycles of Chemotherapy – First Results of a Prospective Study. <i>Strahlentherapie Und Onkologie</i> , 2007, 183, 38-40.	2.0	7
23	A Dosimetric Comparison of IORT Techniques in Limited-Stage Breast Cancer. <i>Strahlentherapie Und Onkologie</i> , 2006, 182, 342-348.	2.0	62
24	The Salzburg concept of intraoperative radiotherapy for breast cancer: Results and considerations. <i>International Journal of Cancer</i> , 2006, 118, 2882-2887.	5.1	55
25	Radiotherapy planning for lung cancer: Slow CTs allow the drawing of tighter margins. <i>Radiotherapy and Oncology</i> , 2005, 75, 165-170.	0.6	48
26	O-292 Inoperable NSCLC - stage I: Radiotherapy with 88 Gy yields good locoregional control. <i>Lung Cancer</i> , 2003, 41, S85.	2.0	1
27	Non-Small-Cell Lung Cancer: Dose Escalation by Target Splitting with Asymmetric Collimation. <i>Clinical Lung Cancer</i> , 2001, 3, 151-153.	2.6	2
28	Radiotherapy for lung cancer: target splitting by asymmetric collimation enables reduction of radiation doses to normal tissues and dose escalation. <i>International Journal of Radiation Oncology Biology Physics</i> , 1999, 44, 333-341.	0.8	15
29	Quality assurance in breast cancer brachytherapy: Geographic miss in the interstitial boost treatment of the tumor bed. <i>International Journal of Radiation Oncology Biology Physics</i> , 1996, 34, 1133-1139.	0.8	63