

Judit Boda-Heggemann

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,449
citations

394421

19
h-index

330143

37
g-index

52
all docs

52
docs citations

52
times ranked

1545
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Inspiration Breath Hold-Based Radiation Therapy: A Clinical Review. International Journal of Radiation Oncology Biology Physics, 2016, 94, 478-492.	0.8	184
2	kV Cone-Beam CT-Based IGRT. Strahlentherapie Und Onkologie, 2011, 187, 284-291.	2.0	177
3	Stereotactic body radiotherapy (SBRT) for medically inoperable lung metastases: A pooled analysis of the German working group of stereotactic radiotherapy. Lung Cancer, 2016, 97, 51-58.	2.0	128
4	Local tumor control probability modeling of primary and secondary lung tumors in stereotactic body radiotherapy. Radiotherapy and Oncology, 2016, 118, 485-491.	0.6	101
5	Repositioning accuracy of two different mask systems: 3D revisited: Comparison using true 3D/3D matching with cone-beam CT. International Journal of Radiation Oncology Biology Physics, 2006, 66, 1568-1575.	0.8	87
6	Accuracy of Ultrasound-Based (BAT) Prostate-Repositioning: A Three-Dimensional On-Line Fiducial-Based Assessment With Cone-Beam Computed Tomography. International Journal of Radiation Oncology Biology Physics, 2008, 70, 1247-1255.	0.8	59
7	Multiple breath-hold CBCT for online image guided radiotherapy of lung tumors: Simulation with a dynamic phantom and first patient data. Radiotherapy and Oncology, 2011, 98, 309-316.	0.6	45
8	Stereotactic body radiotherapy (SBRT) for pulmonary metastases from renal cell carcinoma: a multicenter analysis of the German working group of Stereotactic Radiotherapy. Journal of Thoracic Disease, 2017, 9, 4512-4522.	1.4	43
9	Flattening-filter-free intensity modulated breath-hold image-guided SABR (Stereotactic Ablative) Tj ETQq1 1 0.784314 rgBT / Qyerlock 0.6 42	0.6	42
10	Frameless Stereotactic Radiosurgery of a Solitary Liver Metastasis Using Active Breathing Control and Stereotactic Ultrasound. Strahlentherapie Und Onkologie, 2006, 182, 216-221.	2.0	39
11	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.	0.8	37
12	Evaluation of a cycle-generative adversarial network-based cone-beam CT to synthetic CT conversion algorithm for adaptive radiation therapy. Physica Medica, 2020, 80, 308-316.	0.7	35
13	Intra-breath-hold residual motion of image-guided DIBH liver-SBRT: An estimation by ultrasound-based monitoring correlated with diaphragm position in CBCT. Radiotherapy and Oncology, 2018, 129, 441-448.	0.6	31
14	Accuracy of Ultrasound-Based Image Guidance for Daily Positioning of the Upper Abdomen: An Online Comparison With Cone Beam CT. International Journal of Radiation Oncology Biology Physics, 2009, 74, 892-897.	0.8	30
15	Interdisciplinary Clinical Target Volume Generation for Cardiac Radioablation: Multicenter Benchmarking for the RAdiosurgery for VENTricular TACHycardia (RAVENTA) Trial. International Journal of Radiation Oncology Biology Physics, 2021, 110, 745-756.	0.8	28
16	Hypofractionated image-guided breath-hold SABR (Stereotactic Ablative Body Radiotherapy) of liver metastases: clinical results. Radiation Oncology, 2012, 7, 92.	2.7	27
17	Recommendations regarding cardiac stereotactic body radiotherapy for treatment refractory ventricular tachycardia. Heart Rhythm, 2021, 18, 2137-2145.	0.7	25
18	Stereotactic or conformal radiotherapy for adrenal metastases: Patient characteristics and outcomes in a multicenter analysis. International Journal of Cancer, 2021, 149, 358-370.	5.1	24

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19	Radiomics for liver tumours. <i>Strahlentherapie Und Onkologie</i> , 2020, 196, 888-899.	2.0	20
20	Fiducial-based quantification of prostate tilt using cone beam computer tomography (CBCT). <i>Radiotherapy and Oncology</i> , 2007, 85, 247-250.	0.6	19
21	Bayesian Cure Rate Modeling of Local Tumor Control: Evaluation in Stereotactic Body Radiation Therapy for Pulmonary Metastases. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 94, 841-849.	0.8	19
22	Direct dose correlation of MRI morphologic alterations of healthy liver tissue after robotic liver SBRT. <i>Strahlentherapie Und Onkologie</i> , 2018, 194, 414-424.	2.0	18
23	Treatment of Adrenal Metastases with Conventional or Hypofractionated Image-guided Radiation Therapy – Patterns and Outcomes. <i>Anticancer Research</i> , 2018, 38, 4789-4796.	1.1	18
24	Automated VMAT planning for postoperative adjuvant treatment of advanced gastric cancer. <i>Radiation Oncology</i> , 2018, 13, 74.	2.7	18
25	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.	0.6	16
26	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.	2.5	16
27	Clinical outcome of hypofractionated breath-hold image-guided SABR of primary lung tumors and lung metastases. <i>Radiation Oncology</i> , 2014, 9, 10.	2.7	15
28	MRI morphologic alterations after liver SBRT. <i>Strahlentherapie Und Onkologie</i> , 2016, 192, 641-648.	2.0	13
29	Radiation-induced optic neuropathy after stereotactic and image guided intensity-modulated radiation therapy (IMRT). <i>Radiotherapy and Oncology</i> , 2019, 134, 166-177.	0.6	13
30	Towards clinical implementation of ultrafast combined kV-MV CBCT for IGRT of lung cancer. <i>Strahlentherapie Und Onkologie</i> , 2016, 192, 312-321.	2.0	12
31	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.	2.0	12
32	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.	2.0	9
33	Ultrafast single breath-hold cone-beam CT lung cancer imaging with faster linac gantry rotation. <i>Radiotherapy and Oncology</i> , 2019, 135, 78-85.	0.6	9
34	Ultrasound-based repositioning and real-time monitoring for abdominal SBRT in DIBH. <i>Physica Medica</i> , 2019, 65, 46-52.	0.7	8
35	Liver SBRT with active motion-compensation results in excellent local control for liver oligometastases: An outcome analysis of a pooled multi-platform patient cohort. <i>Radiotherapy and Oncology</i> , 2021, 158, 230-236.	0.6	8
36	Phantom-based evaluation of dose exposure of ultrafast combined kV-MV-CBCT towards clinical implementation for IGRT of lung cancer. <i>PLoS ONE</i> , 2017, 12, e0187710.	2.5	7

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37	Automatically gated image-guided breath-hold IMRT is a fast, precise, and dosimetrically robust treatment for lung cancer patients. <i>Strahlentherapie Und Onkologie</i> , 2016, 192, 166-173.	2.0	6
38	An offline technique to evaluate residual motion of the diaphragm during deep inspiratory breath-hold from cone-beam CT datasets. <i>Strahlentherapie Und Onkologie</i> , 2018, 194, 855-860.	2.0	6
39	In-field stereotactic body radiotherapy (SBRT) reirradiation for pulmonary malignancies as a multicentre analysis of the German Society of Radiation Oncology (DEGRO). <i>Scientific Reports</i> , 2021, 11, 4590.	3.3	6
40	Are three doses of stereotactic ablative radiotherapy (SABR) more effective than 30 doses of conventional radiotherapy?. <i>Translational Lung Cancer Research</i> , 2012, 1, 45-53.	2.8	6
41	Feasibility of using single photon counting X-ray for lung tumor position estimation based on 4D-CT. <i>Zeitschrift Fur Medizinische Physik</i> , 2017, 27, 243-254.	1.5	5
42	Coprevalence and Incidence of Lung Cancer in Patients Screened for Abdominal Aortic Aneurysm. <i>Anticancer Research</i> , 2020, 40, 4137-4145.	1.1	5
43	Stereotactic ultrasound for target volume definition in a patient with prostate cancer and bilateral total hip replacement. <i>Practical Radiation Oncology</i> , 2015, 5, 197-202.	2.1	4
44	Stereotactic body radiotherapy of adrenal metastasesâ€”A doseâ€”finding study. <i>International Journal of Cancer</i> , 2022, 151, 412-421.	5.1	4
45	In Regard to Boda-Heggemann etÂal. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 96, 709-710.	0.8	3
46	Overall survival after reirradiation of spinal metastases â€” independent validation of predictive models. <i>Radiation Oncology</i> , 2016, 11, 35.	2.7	3
47	Automated ultrafast kilovoltageâ€”megavoltage cone-beam CT for image guided radiotherapy of lung cancer: System description and real-time results. <i>Zeitschrift Fur Medizinische Physik</i> , 2018, 28, 110-120.	1.5	3
48	Cone Beam CT-Based Daily Adaptive Planning or Defined-Filling Protocol for Neoadjuvant Gastric Cancer Radiation Therapy: A Comparison. <i>Advances in Radiation Oncology</i> , 2021, 6, 100593.	1.2	3
49	Correspondence on Rajyaguru et al. <i>Journal of Clinical Oncology</i> , 2018, 36, 2561-2562.	1.6	2
50	Motion Management in a Patient With Tracheostomy During Lung Stereotactic Body Radiation Therapy: Breath Hold Is Worth a Try. <i>Advances in Radiation Oncology</i> , 2022, 7, 100895.	1.2	1
51	Adjuvant therapy in resectable gastric cancerâ€”the CRITICS trial. <i>Lancet Oncology, The</i> , 2018, 19, e329.	10.7	0
52	Beyond the scalpel â€” mortality after liver surgery in patients with liver metastases â€” time to rethink the indications. <i>British Journal of Surgery</i> , 2019, 107, 149-149.	0.3	0