

Judit Boda-Heggemann

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,449
citations

393982

19
h-index

329751

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.	0.4	184
2	kV Cone-Beam CT-Based IGRT. Strahlentherapie Und Onkologie, 2011, 187, 284-291.	1.0	177
3	Stereotactic body radiotherapy (SBRT) for medically inoperable lung metastases—A pooled analysis of the German working group “stereotactic radiotherapy”. Lung Cancer, 2016, 97, 51-58.	0.9	128
4	Local tumor control probability modeling of primary and secondary lung tumors in stereotactic body radiotherapy. Radiotherapy and Oncology, 2016, 118, 485-491.	0.3	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.	0.4	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.	0.4	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.	0.3	45
8	Stereotactic body radiotherapy (SBRT) for pulmonary metastases from renal cell carcinoma—a multicenter analysis of the German working group “Stereotactic Radiotherapy”. Journal of Thoracic Disease, 2017, 9, 4512-4522.	0.6	43
9	Flattening-filter-free intensity modulated breath-hold image-guided SABR (Stereotactic Ablative) Tj ETQq1 1 0.784314 rgBT / Qyerlock 0.3 42	0.3	42
10	Frameless Stereotactic Radiosurgery of a Solitary Liver Metastasis Using Active Breathing Control and Stereotactic Ultrasound. Strahlentherapie Und Onkologie, 2006, 182, 216-221.	1.0	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.	0.4	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.	0.4	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.	0.3	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.	0.4	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.	0.4	28
16	Hypofractionated image-guided breath-hold SABR (Stereotactic Ablative Body Radiotherapy) of liver metastases—clinical results. Radiation Oncology, 2012, 7, 92.	1.2	27
17	Recommendations regarding cardiac stereotactic body radiotherapy for treatment refractory ventricular tachycardia. Heart Rhythm, 2021, 18, 2137-2145.	0.3	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.	2.3	24

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19	Radiomics for liver tumours. <i>Strahlentherapie Und Onkologie</i> , 2020, 196, 888-899.	1.0	20
20	Fiducial-based quantification of prostate tilt using cone beam computer tomography (CBCT). <i>Radiotherapy and Oncology</i> , 2007, 85, 247-250.	0.3	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.	0.4	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.	1.0	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.	0.5	18
24	Automated VMAT planning for postoperative adjuvant treatment of advanced gastric cancer. <i>Radiation Oncology</i> , 2018, 13, 74.	1.2	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.	0.3	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.	1.1	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.	1.2	15
28	MRI morphologic alterations after liver SBRT. <i>Strahlentherapie Und Onkologie</i> , 2016, 192, 641-648.	1.0	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.	0.3	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.	1.0	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.	1.0	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.	1.0	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.	0.3	9
34	Ultrasound-based repositioning and real-time monitoring for abdominal SBRT in DIBH. <i>Physica Medica</i> , 2019, 65, 46-52.	0.4	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.	0.3	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.	1.1	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.	1.0	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.	1.0	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.	1.6	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.	1.3	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.	0.6	5
42	Coprevalence and Incidence of Lung Cancer in Patients Screened for Abdominal Aortic Aneurysm. <i>Anticancer Research</i> , 2020, 40, 4137-4145.	0.5	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.	1.1	4
44	Stereotactic body radiotherapy of adrenal metastasesâ€”A doseâ€”finding study. <i>International Journal of Cancer</i> , 2022, 151, 412-421.	2.3	4
45	In Regard to Boda-Heggemann etÂal. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 96, 709-710.	0.4	3
46	Overall survival after reirradiation of spinal metastases â€” independent validation of predictive models. <i>Radiation Oncology</i> , 2016, 11, 35.	1.2	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.	0.6	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.	0.6	3
49	Correspondence on Rajyaguru et al. <i>Journal of Clinical Oncology</i> , 2018, 36, 2561-2562.	0.8	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.	0.6	1
51	Adjuvant therapy in resectable gastric cancerâ€”the CRITICS trial. <i>Lancet Oncology, The</i> , 2018, 19, e329.	5.1	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.	0.1	0