Judit Boda-Heggemann

List of Publications by Year
in descending order

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	Motion Management in a Patient With Tracheostomy During Lung Stereotactic Body Radiation Therapy: Breath Hold Is Worth a Try. Advances in Radiation Oncology, 2022, 7, 100895.	0.6	1
2	Stereotactic body radiotherapy of adrenal metastasesâ€"A doseâ€finding study. International Journal of Cancer, 2022, 151, 412-421.	2.3	4
3	Cone Beam CT-Based Daily Adaptive Planning or Defined-Filling Protocol for Neoadjuvant Gastric Cancer Radiation Therapy: A Comparison. Advances in Radiation Oncology, 2021, 6, 100593.	0.6	3
4	In-field stereotactic body radiotherapy (SBRT) reirradiation for pulmonary malignancies as a multicentre analysis of the German Society of Radiation Oncology (DEGRO). Scientific Reports, 2021, 11, 4590.	1.6	6
5	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
6	Liver SBRT with active motion-compensation results in excellent local control for liver oligometastases: An outcome analysis of a pooled multi-platform patient cohort. Radiotherapy and Oncology, 2021, 158, 230-236.	0.3	8
7	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
8	Recommendations regarding cardiac stereotactic body radiotherapy for treatment refractory ventricular tachycardia. Heart Rhythm, 2021, 18, 2137-2145.	0.3	25
9	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
10	Coprevalence and Incidence of Lung Cancer in Patients Screened for Abdominal Aortic Aneurysm. Anticancer Research, 2020, 40, 4137-4145.	0.5	5
11	Radiomics for liver tumours. Strahlentherapie Und Onkologie, 2020, 196, 888-899.	1.0	20
12	Ultrasound-based repositioning and real-time monitoring for abdominal SBRT in DIBH. Physica Medica, 2019, 65, 46-52.	0.4	8
13	Radiation-induced optic neuropathy after stereotactic and image guided intensity-modulated radiation therapy (IMRT). Radiotherapy and Oncology, 2019, 134, 166-177.	0.3	13
14	Ultrafast single breath-hold cone-beam CT lung cancer imaging with faster linac gantry rotation. Radiotherapy and Oncology, 2019, 135, 78-85.	0.3	9
15	In-vivo treatment accuracy analysis of active motion-compensated liver SBRT through registration of plan dose to post-therapeutic MRI-morphologic alterations. Radiotherapy and Oncology, 2019, 134, 158-165.	0.3	16
16	Beyond the scalpel â€“ mortality after liver surgery in patients with liver metastases â€“ time to rethink the indications. British Journal of Surgery, 2019, 107, 149-149.	0.1	0
17	Automated ultrafast kilovoltageâ€“megavoltage cone-beam CT for image guided radiotherapy of lung cancer: System description and real-time results. Zeitschrift Fur Medizinische Physik, 2018, 28, 110-120.	0.6	3
18	Determination of Intrafraction Prostate Motion During External Beam Radiation Therapy With aÂTransperineal 4-Dimensional Ultrasound Real-Time Tracking System. International Journal of Radiation Oncology Biology Physics, 2018, 101, 136-143.	0.4	37

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19	Direct dose correlation of MRI morphologic alterations of healthy liver tissue after robotic liver SBRT. Strahlentherapie Und Onkologie, 2018, 194, 414-424.	1.0	18
20	Correspondence on Rajyaguru et al. Journal of Clinical Oncology, 2018, 36, 2561-2562.	0.8	2
21	Non-coplanar VMAT combined with non-uniform dose prescription markedly reduces lung dose in breath-hold lung SBRT. Strahlentherapie Und Onkologie, 2018, 194, 815-823.	1.0	9
22	An offline technique to evaluate residual motion of the diaphragm during deep inspiratory breath-hold from cone-beam CT datasets. Strahlentherapie Und Onkologie, 2018, 194, 855-860.	1.0	6
23	Adjuvant therapy in resectable gastric cancerâ€"the CRITICS trial. Lancet Oncology, The, 2018, 19, e329.	5.1	0
24	Treatment of Adrenal Metastases with Conventional or Hypofractionated Image-guided Radiation Therapy â€“ Patterns and Outcomes. Anticancer Research, 2018, 38, 4789-4796.	0.5	18
25	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
26	Automated VMAT planning for postoperative adjuvant treatment of advanced gastric cancer. Radiation Oncology, 2018, 13, 74.	1.2	18
27	AÂ4D ultrasound real-time tracking system for external beam radiotherapy of upper abdominal lesions under breath-hold. Strahlentherapie Und Onkologie, 2017, 193, 213-220.	1.0	12
28	Feasibility of using single photon counting X-ray for lung tumor position estimation based on 4D-CT. Zeitschrift Fur Medizinische Physik, 2017, 27, 243-254.	0.6	5
29	Stereotactic body radiotherapy (SBRT) for pulmonary metastases from renal cell carcinomaâ€"a multicenter analysis of the German working group â€œStereotactic Radiotherapyâ€• Journal of Thoracic Disease, 2017, 9, 4512-4522.	0.6	43
30	Phantom-based evaluation of dose exposure of ultrafast combined kV-MV-CBCT towards clinical implementation for IGRT of lung cancer. PLoS ONE, 2017, 12, e0187710.	1.1	7
31	MRI morphologic alterations after liver SBRT. Strahlentherapie Und Onkologie, 2016, 192, 641-648.	1.0	13
32	Stereotactic body radiotherapy (SBRT) for medically inoperable lung metastasesâ€"A pooled analysis of the German working group â€œstereotactic radiotherapyâ€• Lung Cancer, 2016, 97, 51-58.	0.9	128
33	Towards clinical implementation of ultrafast combined kV-MV CBCT for IGRT of lung cancer. Strahlentherapie Und Onkologie, 2016, 192, 312-321.	1.0	12
34	In Regard to Boda-Heggemann etÂal. International Journal of Radiation Oncology Biology Physics, 2016, 96, 709-710.	0.4	3
35	Overall survival after reirradiation of spinal metastases â€“ independent validation of predictive models. Radiation Oncology, 2016, 11, 35.	1.2	3
36	Automatically gated image-guided breath-hold IMRT is a fast, precise, and dosimetrically robust treatment for lung cancer patients. Strahlentherapie Und Onkologie, 2016, 192, 166-173.	1.0	6

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37	Bayesian Cure Rate Modeling of Local Tumor Control: Evaluation in Stereotactic Body Radiation Therapy for Pulmonary Metastases. International Journal of Radiation Oncology Biology Physics, 2016, 94, 841-849.	0.4	19
38	Deep Inspiration Breath Holdâ€"Based Radiation Therapy: A Clinical Review. International Journal of Radiation Oncology Biology Physics, 2016, 94, 478-492.	0.4	184
39	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
40	Quantification and Assessment of Interfraction Setup Errors Based on Cone Beam CT and Determination of Safety Margins for Radiotherapy. PLoS ONE, 2016, 11, e0150326.	1.1	16
41	Stereotactic ultrasound for target volume definition in a patient with prostate cancer and bilateral total hip replacement. Practical Radiation Oncology, 2015, 5, 197-202.	1.1	4
42	Clinical outcome of hypofractionated breath-hold image-guided SABR of primary lung tumors and lung metastases. Radiation Oncology, 2014, 9, 10.	1.2	15
43	Flattening-filter-free intensity modulated breath-hold image-guided SABR (Stereotactic ABlative) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.3	42
44	Hypofractionated image-guided breath-hold SABR (Stereotactic Ablative Body Radiotherapy) of liver metastases â€“ clinical results. Radiation Oncology, 2012, 7, 92.	1.2	27
45	Are three doses of stereotactic ablative radiotherapy (SABR) more effective than 30 doses of conventional radiotherapy?. Translational Lung Cancer Research, 2012, 1, 45-53.	1.3	6
46	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
47	kV Cone-Beam CT-Based IGRT. Strahlentherapie Und Onkologie, 2011, 187, 284-291.	1.0	177
48	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
49	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
50	Fiducial-based quantification of prostate tilt using cone beam computer tomography (CBCT). Radiotherapy and Oncology, 2007, 85, 247-250.	0.3	19
51	Repositioning accuracy of two different mask systemsâ€"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
52	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