

Stefanie Ehrbar

List of Publications by Year in descending order

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papers

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687363

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all docs

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docs citations

24
times ranked

663
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-isocenter versus multiple-isocenters for multiple lung metastases: Evaluation of lung dose. Radiotherapy and Oncology, 2022, 166, 189-194.	0.6	10
2	Gating has a negligible impact on dose delivered in MRI-guided online adaptive radiotherapy of prostate cancer. Radiotherapy and Oncology, 2022, 170, 205-212.	0.6	17
3	Synthetic 4DCT(MRI) lung phantom generation for 4D radiotherapy and image guidance investigations. Medical Physics, 2022, 49, 2890-2903.	3.0	7
4	Single-fraction prostate stereotactic body radiotherapy: Dose reconstruction with electromagnetic intrafraction motion tracking. Radiotherapy and Oncology, 2021, 156, 145-152.	0.6	13
5	Comparison of beam segment versus full plan re-optimization in daily magnetic resonance imaging-guided online-adaptive radiotherapy. Physics and Imaging in Radiation Oncology, 2021, 17, 43-46.	2.9	7
6	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
7	Margin calculation for multiple lung metastases treated with single-isocenter SBRT. Radiotherapy and Oncology, 2021, 162, 105-111.	0.6	4
8	MR-Guided Adaptive Radiotherapy for Head and Neck Cancer: Prospective Evaluation of Migration and Anatomical Changes of the Major Salivary Glands. Cancers, 2021, 13, 5404.	3.7	13
9	Performance comparison of prediction filters for respiratory motion tracking in radiotherapy. Medical Physics, 2020, 47, 643-650.	3.0	20
10	A tumor-immune interaction model for hepatocellular carcinoma based on measured lymphocyte counts in patients undergoing radiotherapy. Radiotherapy and Oncology, 2020, 151, 73-81.	0.6	26
11	Treatment plan quality during online adaptive re-planning. Radiation Oncology, 2020, 15, 203.	2.7	36
12	Dosimetric and geometric end-to-end accuracy of a magnetic resonance guided linear accelerator. Physics and Imaging in Radiation Oncology, 2020, 16, 109-112.	2.9	13
13	First magnetic resonance imaging-guided cardiac radioablation of sustained ventricular tachycardia. Radiotherapy and Oncology, 2020, 152, 203-207.	0.6	59
14	Carbon Fiber/Polyether Ether Ketone (CF/PEEK) Implants Allow for More Effective Radiation in Long Bones. Materials, 2020, 13, 1754.	2.9	22
15	The ideal couch tracking system—Requirements and evaluation of current systems. Journal of Applied Clinical Medical Physics, 2019, 20, 152-159.	1.9	5
16	ELPHA: Dynamically deformable liver phantom for real-time motion-adaptive radiotherapy treatments. Medical Physics, 2019, 46, 839-850.	3.0	21
17	Body motion during dynamic couch tracking with healthy volunteers. Physics in Medicine and Biology, 2019, 64, 015001.	3.0	3
18	ITV, mid-ventilation, gating or couch tracking – A comparison of respiratory motion-management techniques based on 4D dose calculations. Radiotherapy and Oncology, 2017, 124, 80-88.	0.6	45

#	ARTICLE	IF	CITATIONS
19	Validation of dynamic treatment-couch tracking for prostate SBRT. <i>Medical Physics</i> , 2017, 44, 2466-2477.	3.0	18
20	Comparison of multi-leaf collimator tracking and treatment-couch tracking during stereotactic body radiation therapy of prostate cancer. <i>Radiotherapy and Oncology</i> , 2017, 125, 445-452.	0.6	16
21	Unconscious physiological response of healthy volunteers to dynamic respiration-synchronized couch motion. <i>Radiation Oncology</i> , 2017, 12, 189.	2.7	2
22	Modeling and performance evaluation of a robotic treatment couch for tumor tracking. <i>Biomedizinische Technik</i> , 2016, 61, 557-566.	0.8	6
23	Respiratory motion-management in stereotactic body radiation therapy for lung cancer – A dosimetric comparison in an anthropomorphic lung phantom (LuCa). <i>Radiotherapy and Oncology</i> , 2016, 121, 328-334.	0.6	52
24	Three-dimensional versus four-dimensional dose calculation for volumetric modulated arc therapy of hypofractionated treatments. <i>Zeitschrift Fur Medizinische Physik</i> , 2016, 26, 45-53.	1.5	23