

Stefanie Ehrbar

List of Publications by Year in descending order

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papers

466
citations

687363

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all docs

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docs citations

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times ranked

663
citing authors

#	ARTICLE	IF	CITATIONS
1	First magnetic resonance imaging-guided cardiac radioablation of sustained ventricular tachycardia. <i>Radiotherapy and Oncology</i> , 2020, 152, 203-207.	0.6	59
2	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
3	ITV, mid-ventilation, gating or couch tracking – A comparison of respiratory motion-management techniques based on 4D dose calculations. <i>Radiotherapy and Oncology</i> , 2017, 124, 80-88.	0.6	45
4	Treatment plan quality during online adaptive re-planning. <i>Radiation Oncology</i> , 2020, 15, 203.	2.7	36
5	Interdisciplinary Clinical Target Volume Generation for Cardiac Radioablation: Multicenter Benchmarking for the RAdiosurgery for VENTricular TACHycardia (RAVENTA) Trial. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 745-756.	0.8	28
6	A tumor-immune interaction model for hepatocellular carcinoma based on measured lymphocyte counts in patients undergoing radiotherapy. <i>Radiotherapy and Oncology</i> , 2020, 151, 73-81.	0.6	26
7	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
8	Carbon Fiber/Polyether Ether Ketone (CF/PEEK) Implants Allow for More Effective Radiation in Long Bones. <i>Materials</i> , 2020, 13, 1754.	2.9	22
9	ELPHA: Dynamically deformable liver phantom for real-time motion-adaptive radiotherapy treatments. <i>Medical Physics</i> , 2019, 46, 839-850.	3.0	21
10	Performance comparison of prediction filters for respiratory motion tracking in radiotherapy. <i>Medical Physics</i> , 2020, 47, 643-650.	3.0	20
11	Validation of dynamic treatment-couch tracking for prostate SBRT. <i>Medical Physics</i> , 2017, 44, 2466-2477.	3.0	18
12	Gating has a negligible impact on dose delivered in MRI-guided online adaptive radiotherapy of prostate cancer. <i>Radiotherapy and Oncology</i> , 2022, 170, 205-212.	0.6	17
13	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
14	Dosimetric and geometric end-to-end accuracy of a magnetic resonance guided linear accelerator. <i>Physics and Imaging in Radiation Oncology</i> , 2020, 16, 109-112.	2.9	13
15	Single-fraction prostate stereotactic body radiotherapy: Dose reconstruction with electromagnetic intrafraction motion tracking. <i>Radiotherapy and Oncology</i> , 2021, 156, 145-152.	0.6	13
16	MR-Guided Adaptive Radiotherapy for Head and Neck Cancer: Prospective Evaluation of Migration and Anatomical Changes of the Major Salivary Glands. <i>Cancers</i> , 2021, 13, 5404.	3.7	13
17	Single-isocenter versus multiple-isocenters for multiple lung metastases: Evaluation of lung dose. <i>Radiotherapy and Oncology</i> , 2022, 166, 189-194.	0.6	10
18	Comparison of beam segment versus full plan re-optimization in daily magnetic resonance imaging-guided online-adaptive radiotherapy. <i>Physics and Imaging in Radiation Oncology</i> , 2021, 17, 43-46.	2.9	7

#	ARTICLE	IF	CITATIONS
19	Synthetic 4DCT(MRI) lung phantom generation for 4D radiotherapy and image guidance investigations. Medical Physics, 2022, 49, 2890-2903.	3.0	7
20	Modeling and performance evaluation of a robotic treatment couch for tumor tracking. Biomedizinische Technik, 2016, 61, 557-566.	0.8	6
21	The ideal couch tracking system—Requirements and evaluation of current systems. Journal of Applied Clinical Medical Physics, 2019, 20, 152-159.	1.9	5
22	Margin calculation for multiple lung metastases treated with single-isocenter SBRT. Radiotherapy and Oncology, 2021, 162, 105-111.	0.6	4
23	Body motion during dynamic couch tracking with healthy volunteers. Physics in Medicine and Biology, 2019, 64, 015001.	3.0	3
24	Unconscious physiological response of healthy volunteers to dynamic respiration-synchronized couch motion. Radiation Oncology, 2017, 12, 189.	2.7	2