Yingli Yang

List of Publications by Year
in descending order

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43 papers	1,017 citations	394421 19 h-index	454955 30 g-index
43 all docs	43 docs citations	43 times ranked	1158 citing authors

#	Article	IF	Citations
1	Dosimetric Effects of Air Cavities for MRI-Guided Online Adaptive Radiation Therapy (MRgART) of Prostate Bed after Radical Prostatectomy. Journal of Clinical Medicine, 2022, 11, 364.	2.4	7
2	Dosimetric impact of interfraction prostate and seminal vesicle volume changes and rotation: A post-hoc analysis of a phase III randomized trial of MRI-guided versus CT-guided stereotactic body radiotherapy. Radiotherapy and Oncology, 2022, 167, 203-210.	0.6	20
3	Comparison and evaluation of distortion correction techniques on an MRâ€guided radiotherapy system. Medical Physics, 2021, 48, 691-702.	3.0	3
4	Dosimetric impact from cardiac motion to heart substructures in thoracic cancer patients treated with a magnetic resonance guided radiotherapy system. Physics and Imaging in Radiation Oncology, 2021, 17, 8-12.	2.9	1
5	Technical Note: Validation of an automatic ACR phantom quality assurance tool for an MRâ€guided radiotherapy system. Medical Physics, 2021, 48, 1540-1545.	3.0	3
6	Threeâ€dimensional multipath DenseNet for improving automatic segmentation of glioblastoma on preâ€operative multimodal MR images. Medical Physics, 2021, 48, 2859-2866.	3.0	9
7	Delta radiomics for rectal cancer response prediction using low field magnetic resonance guided radiotherapy: an external validation. Physica Medica, 2021, 84, 186-191.	0.7	31
8	Magnetic resonance imaging-guided stereotactic body radiotherapy for prostate cancer (mirage): a phase iii randomized trial. BMC Cancer, 2021, 21, 538.	2.6	29
9	Prediction of soft tissue sarcoma response to radiotherapy using longitudinal diffusion MRI and a deep neural network with generative adversarial networkâ€based data augmentation. Medical Physics, 2021, 48, 3262-3372.	3.0	11
10	Artificial Intelligence in magnetic Resonance guided Radiotherapy: Medical and physical considerations on state of art and future perspectives. Physica Medica, 2021, 85, 175-191.	0.7	60
11	Interfractional Geometric Variations and Dosimetric Benefits of Stereotactic MRI Guided Online Adaptive Radiotherapy (SMART) of Prostate Bed after Radical Prostatectomy: Post-Hoc Analysis of a Phase II Trial. Cancers, 2021, 13, 2802.	3.7	11
12	Clinical assessment of geometric distortion for a 0.35T MRâ€guided radiotherapy system. Journal of Applied Clinical Medical Physics, 2021, 22, 303-309.	1.9	3
13	Evaluation of T2-Weighted MRI for Visualization and Sparing of Urethra with MR-Guided Radiation Therapy (MRgRT) On-Board MRI. Cancers, 2021, 13, 3564.	3.7	11
14	An Automatic Deep Learningâ€“Based Workflow for Glioblastoma Survival Prediction Using Preoperative Multimodal MR Images: A Feasibility Study. Advances in Radiation Oncology, 2021, 6, 100746.	1.2	14
15	Bladder surface dose modeling in prostate cancer radiotherapy: An analysis of motionâ€induced variations and the cumulative dose across the treatment. Medical Physics, 2021, 48, 8024-8036.	3.0	2
16	Quantification of fiducial marker visibility for MRI-only prostate radiotherapy simulation. Physics in Medicine and Biology, 2020, 65, 035015.	3.0	3
17	Constraints in estimating the proton density fat fraction. Magnetic Resonance Imaging, 2020, 66, 1-8.	1.8	13
18	Analysis of Geometric Performance and Dosimetric Impact of Using Automatic Contour Segmentation for Radiotherapy Planning. Frontiers in Oncology, 2020, 10, 1762.	2.8	13

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19	Practical Safety Considerations for Integration of Magnetic Resonance Imaging in Radiation Therapy. Practical Radiation Oncology, 2020, 10, 443-453.	2.1	12
20	3D isotropic resolution diffusionâ€prepared magnitudeâ€stabilized bSSFP imaging with high geometric fidelity at 1.5 Tesla. Medical Physics, 2020, 47, 3511-3519.	3.0	3
21	Treatment effect prediction for sarcoma patients treated with preoperative radiotherapy using radiomics features from longitudinal diffusion-weighted MRIs. Physics in Medicine and Biology, 2020, 65, 175006.	3.0	38
22	Generation of abdominal synthetic CTs from 0.35T MR images using generative adversarial networks for MR-only liver radiotherapy. Biomedical Physics and Engineering Express, 2020, 6, 015033.	1.2	29
23	A Phase II Trial of 5-Day Neoadjuvant Radiotherapy for Patients with High-Risk Primary Soft Tissue Sarcoma. Clinical Cancer Research, 2020, 26, 1829-1836.	7.0	63
24	A generalized system of tissue-mimicking materials for computed tomography and magnetic resonance imaging. Physics in Medicine and Biology, 2020, 65, 13NT01.	3.0	4
25	Quantitative Magnetic Resonance Imaging for Biological Image-Guided Adaptive Radiotherapy. Frontiers in Oncology, 2020, 10, 615643.	2.8	37
26	Deep learning approaches using 2D and 3D convolutional neural networks for generating male pelvic synthetic computed tomography from magnetic resonance imaging. Medical Physics, 2019, 46, 3788-3798.	3.0	65
27	Multishot diffusionâ€prepared magnitudeâ€stabilized balanced steadyâ€state free precession sequence for distortionâ€free diffusion imaging. Magnetic Resonance in Medicine, 2019, 81, 2374-2384.	3.0	10
28	Initial clinical observations of intra- and interfractional motion variation in MR-guided lung SBRT. British Journal of Radiology, 2018, 91, 20170522.	2.2	44
29	Cardiac balanced steady-state free precession MRI at 0.35 T: a comparison study with 1.5 T. Quantitative Imaging in Medicine and Surgery, 2018, 8, 627-636.	2.0	23
30	Accelerated 3D <scp>bSSFP</scp> imaging for treatment planning on an <scp>MRI</scp>â€guided radiotherapy system. Medical Physics, 2018, 45, 2595-2602.	3.0	10
31	Respiratory motion-resolved, self-gated 4D-MRI using Rotating Cartesian K-space (ROCK): Initial clinical experience on an MRI-guided radiotherapy system. Radiotherapy and Oncology, 2018, 127, 467-473.	0.6	19
32	Functional Imaging Predictors of Response to Chemoradiation. Current Colorectal Cancer Reports, 2018, 14, 106-114.	0.5	0
33	Feasibility evaluation of diffusion-weighted imaging using an integrated MRI-radiotherapy system for response assessment to neoadjuvant therapy in rectal cancer. British Journal of Radiology, 2017, 90, 20160739.	2.2	43
34	Respiratory motion-resolved, self-gated 4D-MRI using rotating cartesian k-space (ROCK). Medical Physics, 2017, 44, 1359-1368.	3.0	51
35	Dosimetric validation of a magnetic resonance image gated radiotherapy system using a motion phantom and radiochromic film. Journal of Applied Clinical Medical Physics, 2017, 18, 163-169.	1.9	35
36	Magnetic resonance imaging guided reirradiation of recurrent and second primary head and neck cancer. Advances in Radiation Oncology, 2017, 2, 167-175.	1.2	28

#	Article	IF	Citations
37	Distortionâ€free diffusion <scp>MRI</scp> using an <scp>MRI</scp>â€guided Triâ€Cobalt 60 radiotherapy system: Sequence verification and preliminary clinical experience. Medical Physics, 2017, 44, 5357-5366.	3.0	31
38	Online Adaptive Radiation Therapy: Implementation of a New Process of Care. Cureus, 2017, 9, e1618.	0.5	77
39	Longitudinal diffusion MRI for treatment response assessment: Preliminary experience using an MRIâ€guided triâ€cobalt 60 radiotherapy system. Medical Physics, 2016, 43, 1369-1373.	3.0	95
40	Technical Note: Dosimetric effects of couch position variability on treatment plan quality with an MRI-guided Co-60 radiation therapy machine. Medical Physics, 2016, 43, 4514-4519.	3.0	0
41	Accuracy of UTE-MRI-based patient setup for brain cancer radiation therapy. Medical Physics, 2015, 43, 262-267.	3.0	18
42	Feasibility of prostate robotic radiation therapy on conventional C-arm linacs. Practical Radiation Oncology, 2014, 4, 254-260.	2.1	38
43	Recent Advances in Functional MRI to Predict Treatment Response for Locally Advanced Rectal Cancer. Current Colorectal Cancer Reports, 0, , 1.	0.5	0