Fang-Fang Yin

List of Publications by Year
in descending order

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143 papers	3,569 citations	147566 31 h-index	168136 53 g-index
143 all docs	143 docs citations	143 times ranked	3108 citing authors

#	Article	IF	Citations
1	The management of imaging dose during imageâ€guided radiotherapy: Report of the AAPM Task Group 75. Medical Physics, 2007, 34, 4041-4063.	1.6	464
2	RTOG 0631 phase 2/3 study of image guided stereotactic radiosurgery for localized (1-3) spine metastases: Phase 2 results. Practical Radiation Oncology, 2014, 4, 76-81.	1.1	205
3	Fourâ€dimensional magnetic resonance imaging (4Dâ€MRI) using imageâ€based respiratory surrogate: A feasibility study. Medical Physics, 2011, 38, 6384-6394.	1.6	164
4	Defining the Optimal Planning Target Volume in Image-Guided Stereotactic Radiosurgery of Brain Metastases: Results of a Randomized Trial. International Journal of Radiation Oncology Biology Physics, 2015, 91, 100-108.	0.4	135
5	<scp>AAPM</scp>â€<scp>RSS</scp> Medical Physics Practice Guideline 9.a. for <scp>SRS</scp>â€<scp>SBRT</scp>. Journal of Applied Clinical Medical Physics, 2017, 18, 10-21.	0.8	112
6	Dosimetric study using different leaf-width MLCs for treatment planning of dynamic conformal arcs and intensity-modulated radiosurgery. Medical Physics, 2005, 32, 405-411.	1.6	92
7	ExacTrac X-ray 6 degree-of-freedom image-guidance for intracranial non-invasive stereotactic radiotherapy: Comparison with kilo-voltage cone-beam CT. Radiotherapy and Oncology, 2009, 93, 602-608.	0.3	80
8	A technique for estimating 4Dâ€CBCT using prior knowledge and limitedâ€angle projections. Medical Physics, 2013, 40, 121701.	1.6	74
9	Impact of collimator leaf width and treatment technique on stereotactic radiosurgery and radiotherapy plans for intra- and extracranial lesions. Radiation Oncology, 2009, 4, 3.	1.2	67
10	Is Diaphragm Motion a Good Surrogate for Liver Tumor Motion?. International Journal of Radiation Oncology Biology Physics, 2014, 90, 952-958.	0.4	67
11	Physics considerations for single-isocenter, volumetric modulated arc radiosurgery for treatment of multiple intracranial targets. Practical Radiation Oncology, 2016, 6, 207-213.	1.1	57
12	Dosimetric characteristics of Novalis Tx system with high definition multileaf collimator. Medical Physics, 2008, 35, 4460-4463.	1.6	56
13	A limitedâ€angle intrafraction verification (LIVE) system for radiation therapy. Medical Physics, 2014, 41, 020701.	1.6	54
14	AAPM Task Group 198 Report: An implementation guide for TG 142 quality assurance of medical accelerators. Medical Physics, 2021, 48, e830-e885.	1.6	54
15	Effect of machine learning methods on predicting NSCLC overall survival time based on Radiomics analysis. Radiation Oncology, 2018, 13, 197.	1.2	53
16	Augmentation of CBCT Reconstructed From Under-Sampled Projections Using Deep Learning. IEEE Transactions on Medical Imaging, 2019, 38, 2705-2715.	5.4	52
17	LINAC based stereotactic radiosurgery for multiple brain metastases: guidance for clinical implementation. Acta OncolÃ³gica, 2019, 58, 1275-1282.	0.8	50
18	Preliminary clinical evaluation of a 4D-CBCT estimation technique using prior information and limited-angle projections. Radiotherapy and Oncology, 2015, 115, 22-29.	0.3	48

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19	A Technique for Generating Volumetric Cine-Magnetic Resonance Imaging. International Journal of Radiation Oncology Biology Physics, 2016, 95, 844-853.	0.4	46
20	Investigation of sagittal image acquisition for 4Dâ€MRI with body area as respiratory surrogate. Medical Physics, 2014, 41, 101902.	1.6	45
21	Comparisons of volumetric modulated arc therapy (VMAT) quality assurance (QA) systems: sensitivity analysis to machine errors. Radiation Oncology, 2016, 11, 146.	1.2	45
22	Single fraction stereotactic radiosurgery for multiple brain metastases. Advances in Radiation Oncology, 2017, 2, 555-563.	0.6	44
23	T2â€weighted four dimensional magnetic resonance imaging with resultâ€driven phase sorting. Medical Physics, 2015, 42, 4460-4471.	1.6	42
24	Four-Dimensional Magnetic Resonance Imaging Using Axial Body Area as Respiratory Surrogate: Initial Patient Results. International Journal of Radiation Oncology Biology Physics, 2014, 88, 907-912.	0.4	40
25	An investigation of machine learning methods in delta-radiomics feature analysis. PLoS ONE, 2019, 14, e0226348.	1.1	40
26	Review of treatment assessment using DCE-MRI in breast cancer radiation therapy. World Journal of Methodology, 2014, 4, 46.	1.1	40
27	Four dimensional magnetic resonance imaging with retrospective kâ€space reordering: A feasibility study. Medical Physics, 2015, 42, 534-541.	1.6	39
28	Improving Quality and Consistency in NRGÂOncology Radiation Therapy Oncology GroupÂ0631 for Spine Radiosurgery via Knowledge-Based Planning. International Journal of Radiation Oncology Biology Physics, 2018, 100, 1067-1074.	0.4	35
29	Integration of Cone-Beam CT in Stereotactic Body Radiation Therapy. Technology in Cancer Research and Treatment, 2008, 7, 133-139.	0.8	34
30	Investigation of the location effect of external markers in respiratoryâ€gated radiotherapy. Journal of Applied Clinical Medical Physics, 2008, 9, 57-68.	0.8	33
31	Physics and Imaging for Targeting of Oligometastases. Seminars in Radiation Oncology, 2006, 16, 85-101.	1.0	31
32	Dosimetric comparison of 3D conformal, IMRT, and V-MAT techniques for accelerated partial-breast irradiation (APBI). Medical Dosimetry, 2014, 39, 152-158.	0.4	31
33	Is a single isocenter sufficient for volumetric modulated arc therapy radiosurgery when multiple intracranial metastases are spatially dispersed?. Medical Dosimetry, 2016, 41, 285-289.	0.4	31
34	An Ensemble Approach to Knowledge-Based Intensity-Modulated Radiation Therapy Planning. Frontiers in Oncology, 2018, 8, 57.	1.3	30
35	An Exploratory Radiomics Approach to Quantifying Pulmonary Function in CT Images. Scientific Reports, 2019, 9, 11509.	1.6	30
36	Fluence Map Prediction Using Deep Learning Models â€“ Direct Plan Generation for Pancreas Stereotactic Body Radiation Therapy. Frontiers in Artificial Intelligence, 2020, 3, 68.	2.0	29

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37	Biopsy of enlarging lesions after stereotactic radiosurgery for brain metastases frequently reveals radiation necrosis. Neuro-Oncology, 2017, 19, 1391-1397.	0.6	28
38	Exploring the Margin Recipe for Online Adaptive Radiation Therapy for Intermediate-Risk Prostate Cancer: An Intrafractional Seminal Vesicles Motion Analysis. International Journal of Radiation Oncology Biology Physics, 2017, 98, 473-480.	0.4	26
39	Automatic detection of pulmonary nodules on CT images with YOLOv3: development and evaluation using simulated and patient data. Quantitative Imaging in Medicine and Surgery, 2020, 10, 1917-1929.	1.1	26
40	A Monte Carlo simulation framework for electron beam dose calculations using Varian phase space files for TrueBeam Linacs. Medical Physics, 2015, 42, 2389-2403.	1.6	24
41	Dosimetric verification of lung cancer treatment using the CBCTs estimated from limitedâ€angle onâ€board projections. Medical Physics, 2015, 42, 4783-4795.	1.6	24
42	Low dose CBCT reconstruction via prior contour based total variation (PCTV) regularization: a feasibility study. Physics in Medicine and Biology, 2018, 63, 085014.	1.6	24
43	Incorporating singleâ€side sparing in models for predicting parotid dose sparing in head and neck IMRT. Medical Physics, 2014, 41, 021728.	1.6	22
44	Estimating 4Dâ€<scp>CBCT</scp> from prior information and extremely limited angle projections using structural <scp>PCA</scp> and weighted freeâ€form deformation for lung radiotherapy. Medical Physics, 2017, 44, 1089-1104.	1.6	22
45	Automatic Planning of Whole Breast Radiation Therapy Using Machine Learning Models. Frontiers in Oncology, 2019, 9, 750.	1.3	22
46	Extracranial radiosurgery: Immobilizing liver motion in dogs using high-frequency jet ventilation and total intravenous anesthesia. International Journal of Radiation Oncology Biology Physics, 2001, 49, 211-216.	0.4	21
47	Evaluation of an electron Monte Carlo dose calculation algorithm for electron beams. Journal of Applied Clinical Medical Physics, 2008, 9, 1-15.	0.8	21
48	Reducing scan angle using adaptive prior knowledge for a limited-angle intrafraction verification (LIVE) system for conformal arc radiotherapy. Physics in Medicine and Biology, 2017, 62, 3859-3882.	1.6	21
49	An Interpretable Planning Bot for Pancreas Stereotactic Body Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2021, 109, 1076-1085.	0.4	21
50	Clinical assessment and characterization of a dualâ€tube kilovoltage Xâ€ray localization system in the radiotherapy treatment room. Journal of Applied Clinical Medical Physics, 2008, 9, 1-15.	0.8	20
51	Accuracy of respiratory motion measurement of 4D-MRI: A comparison between cine and sequential acquisition. Medical Physics, 2015, 43, 179-187.	1.6	20
52	Outlier identification in radiation therapy knowledgeâ€based planning: A study of pelvic cases. Medical Physics, 2017, 44, 5617-5626.	1.6	20
53	An artificial intelligenceâ€driven agent for realâ€time headâ€andâ€neck IMRT plan generation using conditional generative adversarial network (cGAN). Medical Physics, 2021, 48, 2714-2723.	1.6	19
54	Reâ€examining TGâ€142 recommendations in light of modern techniques for linear accelerator based radiosurgery. Medical Physics, 2016, 43, 5437-5441.	1.6	18

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55	Quantitative Approach to Failure Mode and Effect Analysis for Linear Accelerator Quality Assurance. International Journal of Radiation Oncology Biology Physics, 2017, 98, 56-62.	0.4	18
56	Dose-Distribution-Driven PET Image-Based Outcome Prediction (DDD-PIOP): A Deep Learning Study for Oropharyngeal Cancer IMRT Application. Frontiers in Oncology, 2020, 10, 1592.	1.3	18
57	A radiomicsâ€boosted deepâ€learning model for COVIDâ€19 and nonâ€COVIDâ€19 pneumonia classification using chest xâ€ray images. Medical Physics, 2022, 49, 3213-3222.	1.6	18
58	Imaging system QA of a medical accelerator, Novalis Tx, for IGRT per TG 142: our 1 year experience. Journal of Applied Clinical Medical Physics, 2012, 13, 113-140.	0.8	17
59	Assessment of Treatment Response With Diffusion-Weighted MRI and Dynamic Contrast-Enhanced MRI in Patients With Early-Stage Breast Cancer Treated With Single-Dose Preoperative Radiotherapy. Technology in Cancer Research and Treatment, 2016, 15, 651-660.	0.8	17
60	Fourâ€dimensional diffusionâ€weighted MR imaging (4Dâ€DWI): a feasibility study. Medical Physics, 2017, 44, 397-406.	1.6	17
61	Enhancing digital tomosynthesis (DTS) for lung radiotherapy guidance using patient-specific deep learning model. Physics in Medicine and Biology, 2021, 66, 035009.	1.6	17
62	Characterization of Water-Clear Polymeric Gels for Use as Radiotherapy Bolus. Technology in Cancer Research and Treatment, 2017, 16, 923-929.	0.8	16
63	Accelerating volumetric cine MRI (VC-MRI) using undersampling for real-time 3D target localization/tracking in radiation therapy: a feasibility study. Physics in Medicine and Biology, 2018, 63, 01NT01.	1.6	16
64	Deep Learningâ€“Based Fluence Map Prediction for Pancreas Stereotactic Body Radiation Therapy With Simultaneous Integrated Boost. Advances in Radiation Oncology, 2021, 6, 100672.	0.6	16
65	A positioning QA procedure for 2D/2D (kV/MV) and 3D/3D (CT/CBCT) image matching for radiotherapy patient setup. Journal of Applied Clinical Medical Physics, 2009, 10, 273-280.	0.8	15
66	Dosimetric effects of rotational offsets in stereotactic body radiation therapy (SBRT) for lung cancer. Medical Dosimetry, 2014, 39, 117-121.	0.4	15
67	Association of Interim FDG-PET Imaging During Chemoradiation for Squamous Anal Canal Carcinoma With Recurrence. International Journal of Radiation Oncology Biology Physics, 2018, 102, 1046-1051.	0.4	15
68	Modeling of multiple planning target volumes for head and neck treatments in knowledgeâ€based treatment planning. Medical Physics, 2019, 46, 3812-3822.	1.6	15
69	Dynamic fractal signature dissimilarity analysis for therapeutic response assessment using dynamic contrastâ€enhanced MRI. Medical Physics, 2016, 43, 1335-1347.	1.6	14
70	Scatter Reduction and Correction for Dual-Source Cone-Beam CT Using Prepatient Grids. Technology in Cancer Research and Treatment, 2016, 15, 416-427.	0.8	14
71	Image acquisition optimization of a limited-angle intrafraction verification (LIVE) system for lung radiotherapy. Medical Physics, 2018, 45, 340-351.	1.6	13
72	Task Group 174 Report: Utilization of [18 F]Fluorodeoxyglucose Positron Emission Tomography ([18) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.6	13

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73	Accelerated Brain DCE-MRI Using Iterative Reconstruction With Total Generalized Variation Penalty for Quantitative Pharmacokinetic Analysis: A Feasibility Study. Technology in Cancer Research and Treatment, 2017, 16, 446-460.	0.8	12
74	Volumetric cine magnetic resonance imaging (VC-MRI) using motion modeling, free-form deformation and multi-slice undersampled 2D cine MRI reconstructed with spatio-temporal low-rank decomposition. Quantitative Imaging in Medicine and Surgery, 2020, 10, 432-450.	1.1	12
75	Investigation of sliced body volume (SBV) as respiratory surrogate. Journal of Applied Clinical Medical Physics, 2013, 14, 71-80.	0.8	11
76	An efficient calculation method for pharmacokinetic parameters in brain permeability study using dynamic contrastâ€enhanced MRI. Magnetic Resonance in Medicine, 2016, 75, 739-749.	1.9	11
77	Principal component reconstruction (<scp>PCR</scp>) for cine <scp>CBCT</scp> with motion learning from 2D fluoroscopy. Medical Physics, 2018, 45, 167-177.	1.6	11
78	A Novel method to generate onâ€board 4D MRI using prior 4D MRI and onâ€board kV projections from a conventional LINAC for target localization in liver SBRT. Medical Physics, 2018, 45, 3238-3245.	1.6	11
79	Knowledge-Based Tradeoff Hyperplanes for Head and Neck Treatment Planning. International Journal of Radiation Oncology Biology Physics, 2020, 106, 1095-1103.	0.4	11
80	Outcomes in Patients With 4 to 10 Brain Metastases Treated With Dose-Adapted Single-Isocenter Multitarget Stereotactic Radiosurgery: A Prospective Study. Advances in Radiation Oncology, 2021, 6, 100760.	0.6	11
81	Knowledge-Based Statistical Inference Method for Plan Quality Quantification. Technology in Cancer Research and Treatment, 2019, 18, 153303381985775.	0.8	10
82	Artificial intelligence applications in intensity modulated radiation treatment planning: an overview. Quantitative Imaging in Medicine and Surgery, 2021, 11, 4859-4880.	1.1	9
83	4D radiomics: impact of 4D-CBCT image quality on radiomic analysis. Physics in Medicine and Biology, 2021, 66, 045023.	1.6	9
84	Response to â€œComment on â€˜A planning quality evaluation tool for prostate adaptive IMRT based on machine learningâ€™â€‰â€•[Med. Phys. 38, 719 (2011)]. Medical Physics, 2011, 38, 2821-2821.	1.6	8
85	A Spatiotemporal-Constrained Sorting Method for Motion-Robust 4D-MRI: A Feasibility Study. International Journal of Radiation Oncology Biology Physics, 2019, 103, 758-766.	0.4	8
86	Application of distance transformation on parameter optimization of inverse planning in intensityâ€modulated radiation therapy. Journal of Applied Clinical Medical Physics, 2008, 9, 30-45.	0.8	7
87	Onboard functional and molecular imaging: A design investigation for robotic multipinhole SPECT. Medical Physics, 2013, 41, 010701.	1.6	7
88	Uncertainties of 4-dimensional computed tomography-based tumor motion measurement for lung stereotactic body radiation therapy. Practical Radiation Oncology, 2014, 4, e59-e65.	1.1	7
89	Goal-Driven Beam Setting Optimization for Whole-Breast Radiation Therapy. Technology in Cancer Research and Treatment, 2019, 18, 153303381985866.	0.8	7
90	A comparison of two methodologies for radiotherapy treatment plan optimization and QA for clinical trials. Journal of Applied Clinical Medical Physics, 2021, 22, 329-337.	0.8	7

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91	Assessment of concurrent stereotactic radiosurgery and bevacizumab treatment of recurrent malignant gliomas using multi-modality MRI imaging and radiomics analysis. Journal of Radiosurgery and SBRT, 2018, 5, 171-181.	0.2	7
92	A probabilityâ€based multiâ€cycle sorting method for 4Dâ€MRI: A simulation study. Medical Physics, 2016, 43, 6375-6385.	1.6	6
93	Simultaneous 4Dâ€CBCT reconstruction with sliding motion constraint. Medical Physics, 2016, 43, 5453-5463.	1.6	6
94	Impact of moving target on measurement accuracy in 3D and 4D PET imagingâ€"a phantom study. Advances in Radiation Oncology, 2017, 2, 94-100.	0.6	6
95	Development of a Computerized 4-D MRI Phantom for Liver Motion Study. Technology in Cancer Research and Treatment, 2017, 16, 1051-1059.	0.8	6
96	Low dose cone-beam computed tomography reconstruction via hybrid prior contour based total variation regularization (hybrid-PCTV). Quantitative Imaging in Medicine and Surgery, 2019, 9, 1214-1228.	1.1	6
97	Impact of Esophageal Motion on Dosimetry and Toxicity With Thoracic Radiation Therapy. Technology in Cancer Research and Treatment, 2019, 18, 153303381984907.	0.8	6
98	NRG Oncology Survey on Practice and Technology Use in SRT and SBRT Delivery. Frontiers in Oncology, 2020, 10, 602607.	1.3	6
99	A geometry-guided deep learning technique for CBCT reconstruction. Physics in Medicine and Biology, 2021, 66, 15LT01.	1.6	6
100	SBRT treatment of multiple extracranial oligometastases using a single isocenter with distinct optimizations. Journal of Radiosurgery and SBRT, 2017, 4, 265-273.	0.2	6
101	Decision Fusion of Machine Learning Models to Predict Radiotherapy-Induced Lung Pneumonitis. , 2008, , .		5
102	Dosimetry challenges for implementing emerging technologies. Journal of Physics: Conference Series, 2010, 250, 012002.	0.3	5
103	Clinical Study of Orthogonal-View Phase-Matched Digital Tomosynthesis for Lung Tumor Localization. Technology in Cancer Research and Treatment, 2017, 16, 866-878.	0.8	5
104	Evaluation of dosimetric uncertainty caused by <scp>MR</scp> geometric distortion in <scp>MRI</scp>â€based liver <scp>SBRT</scp> treatment planning. Journal of Applied Clinical Medical Physics, 2019, 20, 43-50.	0.8	5
105	4D-MRI in Radiotherapy. , 0, , .		5
106	A generative adversarial network (GAN)-based technique for synthesizing realistic respiratory motion in the extended cardiac-torso (XCAT) phantoms. Physics in Medicine and Biology, 2021, 66, 115018.	1.6	5
107	Multiâ€Contrast Fourâ€dimensional Magnetic Resonance Imaging (MCâ€4Dâ€MRI): development and initial evaluation in liver tumor patients. Medical Physics, 2021, 48, 7984.	1.6	5
108	The effect of MLC leaf width in single-isocenter multi-target radiosurgery with volumetric modulated arc therapy. Journal of Radiosurgery and SBRT, 2019, 6, 131-138.	0.2	5

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109	Transfer learning for fluence map prediction in adrenal stereotactic body radiation therapy. Physics in Medicine and Biology, 2021, 66, .	1.6	5
110	Retrospective four-dimensional magnetic resonance imaging with image-based respiratory surrogate: a sagittalâ€“coronalâ€“diaphragm point of intersection motion tracking method. Journal of Medical Imaging, 2017, 4, 024007.	0.8	4
111	An initial investigation of hyperpolarized gas tagging magnetic resonance imaging in evaluating deformable image registrationâ€based lung ventilation. Medical Physics, 2018, 45, 5535-5542.	1.6	4
112	Retrospective quality metrics review of stereotactic radiosurgery plans treating multiple targets using singleâ€isocenter volumetric modulated arc therapy. Journal of Applied Clinical Medical Physics, 2020, 21, 93-99.	0.8	4
113	Radiosurgery treatment planning using conformal arc informed volumetric modulated arc therapy. Medical Dosimetry, 2021, 46, 3-12.	0.4	4
114	Prior image-guided cone-beam computed tomography augmentation from under-sampled projections using a convolutional neural network. Quantitative Imaging in Medicine and Surgery, 2021, 11, 4767-4780.	1.1	4
115	Patient-specific deep learning model to enhance 4D-CBCT image for radiomics analysis. Physics in Medicine and Biology, 2022, 67, 085003.	1.6	4
116	Regional SPECT imaging using sampling Principles and Multiple Pinholes. , 2010, , .		3
117	Daily edge deformation prediction using an unsupervised convolutional neural network model for low dose prior contour based total variation CBCT reconstruction (PCTV-CNN). Biomedical Physics and Engineering Express, 2019, 5, 065013.	0.6	3
118	A robust deformable image registration enhancement method based on radial basis function. Quantitative Imaging in Medicine and Surgery, 2019, 9, 1315-1325.	1.1	3
119	Knowledge Models as Teaching Aid for Training Intensity Modulated Radiation Therapy Planning: A Lung Cancer Case Study. Frontiers in Artificial Intelligence, 2020, 3, 66.	2.0	3
120	Motion robust 4D-MRI sorting based on anatomic feature matching: A digital phantom simulation study. Radiation Medicine and Protection, 2020, 1, 41-47.	0.4	3
121	Slice-stacking T2-weighted MRI for fast determination of internal target volume for liver tumor. Quantitative Imaging in Medicine and Surgery, 2021, 11, 32-42.	1.1	3
122	Enhancement of 4-D Cone-Beam Computed Tomography (4D-CBCT) Using a Dual-Encoder Convolutional Neural Network (DeCNN). IEEE Transactions on Radiation and Plasma Medical Sciences, 2022, 6, 222-230.	2.7	3
123	A geometry-guided multi-beamlet deep learning technique for CT reconstruction. Biomedical Physics and Engineering Express, 2022, 8, 045004.	0.6	3
124	A hardware investigation of robotic SPECT for functional and molecular imaging onboard radiation therapy systems. Medical Physics, 2014, 41, 112504.	1.6	2
125	Novel Technologies for Improved Treatment Outcome and Patient Safety in Cancer Radiotherapy. BioMed Research International, 2016, 2016, 1-2.	0.9	2
126	Incorporating Case-Based Reasoning for Radiation Therapy Knowledge Modeling: A Pelvic Case Study. Technology in Cancer Research and Treatment, 2019, 18, 153303381987478.	0.8	2

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127	Sensitivity of 3D Dose Verification to Multileaf Collimator Misalignments in Stereotactic Body Radiation Therapy of Spinal Tumor. Technology in Cancer Research and Treatment, 2016, 15, NP25-NP34.	0.8	1
128	Assessing the robustness of artificial intelligence powered planning tools in radiotherapy clinical settingsâ€"a phantom simulation approach. Quantitative Imaging in Medicine and Surgery, 2021, 11, 0-0.	1.1	1
129	Clinical Experience With Machine Learning-Based Automated Treatment Planning for Whole Breast Radiation Therapy. Advances in Radiation Oncology, 2021, 6, 100656.	0.6	1
130	Stereotactic ablative body radiotherapy (SABR) for effective palliation of metastases: factors affecting local control. Journal of Radiosurgery and SBRT, 2014, 3, 123-129.	0.2	1
131	Markerless Four-Dimensional-Cone Beam Computed Tomography Projection-Phase Sorting Using Prior Knowledge and Patient Motion Modeling: A Feasibility Study. Cancer Translational Medicine, 2017, 3, 185-193.	0.2	1
132	Accuracy and efficiency of image-guided radiation therapy (IGRT) for preoperative partial breast radiosurgery. Journal of Radiosurgery and SBRT, 2020, 6, 295-301.	0.2	1
133	Insights of an AI agent via analysis of prediction errors: a case study of fluence map prediction for radiation therapy planning. Physics in Medicine and Biology, 2021, 66, 23NT01.	1.6	1
134	The Effect of Various Dose Normalization Strategies When Implementing Linear Boltzmann Transport Equation Dose Calculation for Lung Stereotactic Body Radiation Therapy Planning. Practical Radiation Oncology, 2022, 12, 446-456.	1.1	1
135	Dosimetric Analysis of Microscopic Disease in SBRT for Lung Cancers. Technology in Cancer Research and Treatment, 2017, 16, 1113-1119.	0.8	0
136	Feasibility of radiosurgery dosimetry using NIPAM 3D dosimeters and x-ray CT. Journal of Physics: Conference Series, 2019, 1305, 012004.	0.3	0
137	Liver 4D-MRI: An Image Mutual Information based Retrospective Self-sorting Method. , 2019, , .		0
138	Technical Note: Investigation of the dosimetric impact of stray radiation on the Common Control Unit of the IBA Blue Phantom². Journal of Applied Clinical Medical Physics, 2020, 21, 191-196.	0.8	0
139	Dosimetric characterization of an intensity-modulated X-ray brachytherapy system. Journal of Medical Physics, 2018, 43, 247.	0.1	0
140	Evaluation of motion measurement using cine MRI for image guided stereotactic body radiotherapy on a new phantom platform. Journal of Radiosurgery and SBRT, 2011, 1, 109-115.	0.2	0
141	An in-house protocol for improved flood field calibration of TrueBeam FFF cine imaging. Journal of Applied Clinical Medical Physics, 2017, 18, 265-268.	0.8	0
142	The effect of setup uncertainty on optimal dosimetric margin in LINAC-based stereotactic radiosurgery with dynamic conformal arc technique. Journal of Radiosurgery and SBRT, 2019, 6, 55-65.	0.2	0
143	Evaluation of two automated treatment planning techniques for multiple brain metastases using a single isocenter.. Journal of Radiosurgery and SBRT, 2022, 8, 47-54.	0.2	0