

# Fang-Fang Yin

## List of Publications by Year in descending order

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143  
papers

3,569  
citations

147801

31  
h-index

168389

53  
g-index

143  
all docs

143  
docs citations

143  
times ranked

3108  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	3.7	3
2	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.	2.1	1
3	A radiomics-boosted deep-learning model for COVID-19 and non-COVID-19 pneumonia classification using chest x-ray images. Medical Physics, 2022, 49, 3213-3222.	3.0	18
4	Patient-specific deep learning model to enhance 4D-CBCT image for radiomics analysis. Physics in Medicine and Biology, 2022, 67, 085003.	3.0	4
5	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
6	A geometry-guided multi-beamlet deep learning technique for CT reconstruction. Biomedical Physics and Engineering Express, 2022, 8, 045004.	1.2	3
7	Radiosurgery treatment planning using conformal arc informed volumetric modulated arc therapy. Medical Dosimetry, 2021, 46, 3-12.	0.9	4
8	Assessing the robustness of artificial intelligence powered planning tools in radiotherapy clinical settings—a phantom simulation approach. Quantitative Imaging in Medicine and Surgery, 2021, 11, 0-0.	2.0	1
9	Artificial intelligence applications in intensity modulated radiation treatment planning: an overview. Quantitative Imaging in Medicine and Surgery, 2021, 11, 4859-4880.	2.0	9
10	Enhancing digital tomosynthesis (DTS) for lung radiotherapy guidance using patient-specific deep learning model. Physics in Medicine and Biology, 2021, 66, 035009.	3.0	17
11	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.	2.0	4
12	4D radiomics: impact of 4D-CBCT image quality on radiomic analysis. Physics in Medicine and Biology, 2021, 66, 045023.	3.0	9
13	Clinical Experience With Machine Learning-Based Automated Treatment Planning for Whole Breast Radiation Therapy. Advances in Radiation Oncology, 2021, 6, 100656.	1.2	1
14	An Interpretable Planning Bot for Pancreas Stereotactic Body Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2021, 109, 1076-1085.	0.8	21
15	An artificial intelligence-driven agent for real-time head-and-neck IMRT plan generation using conditional generative adversarial network (cGAN). Medical Physics, 2021, 48, 2714-2723.	3.0	19
16	AAPM Task Group 198 Report: An implementation guide for TG 142 quality assurance of medical accelerators. Medical Physics, 2021, 48, e830-e885.	3.0	54
17	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.	3.0	5
18	A geometry-guided deep learning technique for CBCT reconstruction. Physics in Medicine and Biology, 2021, 66, 15LT01.	3.0	6

#	ARTICLE	IF	CITATIONS
19	Deep Learning-Based Fluence Map Prediction for Pancreas Stereotactic Body Radiation Therapy With Simultaneous Integrated Boost. <i>Advances in Radiation Oncology</i> , 2021, 6, 100672.	1.2	16
20	A comparison of two methodologies for radiotherapy treatment plan optimization and QA for clinical trials. <i>Journal of Applied Clinical Medical Physics</i> , 2021, 22, 329-337.	1.9	7
21	Outcomes in Patients With 4 to 10 Brain Metastases Treated With Dose-Adapted Single-Isocenter Multitarget Stereotactic Radiosurgery: A Prospective Study. <i>Advances in Radiation Oncology</i> , 2021, 6, 100760.	1.2	11
22	Slice-stacking T2-weighted MRI for fast determination of internal target volume for liver tumor. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 32-42.	2.0	3
23	Multi-Contrast Four-dimensional Magnetic Resonance Imaging (MC4D-MRI): development and initial evaluation in liver tumor patients. <i>Medical Physics</i> , 2021, 48, 7984.	3.0	5
24	Insights of an AI agent via analysis of prediction errors: a case study of fluence map prediction for radiation therapy planning. <i>Physics in Medicine and Biology</i> , 2021, 66, 23NT01.	3.0	1
25	Transfer learning for fluence map prediction in adrenal stereotactic body radiation therapy. <i>Physics in Medicine and Biology</i> , 2021, 66, .	3.0	5
26	Technical Note: Investigation of the dosimetric impact of stray radiation on the Common Control Unit of the IBA Blue Phantom. <i>Journal of Applied Clinical Medical Physics</i> , 2020, 21, 191-196.	1.9	0
27	Dose-Distribution-Driven PET Image-Based Outcome Prediction (DDD-PIOP): A Deep Learning Study for Oropharyngeal Cancer IMRT Application. <i>Frontiers in Oncology</i> , 2020, 10, 1592.	2.8	18
28	Fluence Map Prediction Using Deep Learning Models - Direct Plan Generation for Pancreas Stereotactic Body Radiation Therapy. <i>Frontiers in Artificial Intelligence</i> , 2020, 3, 68.	3.4	29
29	NRG Oncology Survey on Practice and Technology Use in SRT and SBRT Delivery. <i>Frontiers in Oncology</i> , 2020, 10, 602607.	2.8	6
30	Knowledge Models as Teaching Aid for Training Intensity Modulated Radiation Therapy Planning: A Lung Cancer Case Study. <i>Frontiers in Artificial Intelligence</i> , 2020, 3, 66.	3.4	3
31	Automatic detection of pulmonary nodules on CT images with YOLOv3: development and evaluation using simulated and patient data. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020, 10, 1917-1929.	2.0	26
32	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. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020, 10, 432-450.	2.0	12
33	Motion robust 4D-MRI sorting based on anatomic feature matching: A digital phantom simulation study. <i>Radiation Medicine and Protection</i> , 2020, 1, 41-47.	0.8	3
34	Knowledge-Based Tradeoff Hyperplanes for Head and Neck Treatment Planning. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 106, 1095-1103.	0.8	11
35	Retrospective quality metrics review of stereotactic radiosurgery plans treating multiple targets using single-isocenter volumetric modulated arc therapy. <i>Journal of Applied Clinical Medical Physics</i> , 2020, 21, 93-99.	1.9	4
36	Accuracy and efficiency of image-guided radiation therapy (IGRT) for preoperative partial breast radiosurgery. <i>Journal of Radiosurgery and SBRT</i> , 2020, 6, 295-301.	0.2	1

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37	An Exploratory Radiomics Approach to Quantifying Pulmonary Function in CT Images. Scientific Reports, 2019, 9, 11509.	3.3	30
38	Knowledge-Based Statistical Inference Method for Plan Quality Quantification. Technology in Cancer Research and Treatment, 2019, 18, 153303381985775.	1.9	10
39	Goal-Driven Beam Setting Optimization for Whole-Breast Radiation Therapy. Technology in Cancer Research and Treatment, 2019, 18, 153303381985866.	1.9	7
40	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.	2.0	6
41	LINAC based stereotactic radiosurgery for multiple brain metastases: guidance for clinical implementation. Acta Oncologica, 2019, 58, 1275-1282.	1.8	50
42	Feasibility of radiosurgery dosimetry using NIPAM 3D dosimeters and x-ray CT. Journal of Physics: Conference Series, 2019, 1305, 012004.	0.4	0
43	Automatic Planning of Whole Breast Radiation Therapy Using Machine Learning Models. Frontiers in Oncology, 2019, 9, 750.	2.8	22
44	A Spatiotemporal-Constrained Sorting Method for Motion-Robust 4D-MRI: A Feasibility Study. International Journal of Radiation Oncology Biology Physics, 2019, 103, 758-766.	0.8	8
45	Task Group 174 Report: Utilization of [ <sup>18</sup> F]Fluorodeoxyglucose Positron Emission Tomography ([ <sup>18</sup> F]FDG) PET/CT. International Journal of Radiation Oncology Biology Physics, 2010, 78, 1413-1428.	3.0	15
46	Modeling of multiple planning target volumes for head and neck treatments in knowledge-based treatment planning. Medical Physics, 2019, 46, 3812-3822.	3.0	15
47	Impact of Esophageal Motion on Dosimetry and Toxicity With Thoracic Radiation Therapy. Technology in Cancer Research and Treatment, 2019, 18, 153303381984907.	1.9	6
48	Augmentation of CBCT Reconstructed From Under-Sampled Projections Using Deep Learning. IEEE Transactions on Medical Imaging, 2019, 38, 2705-2715.	8.9	52
49	Evaluation of dosimetric uncertainty caused by MR geometric distortion in MRI-based liver SBRT treatment planning. Journal of Applied Clinical Medical Physics, 2019, 20, 43-50.	1.9	5
50	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.	1.2	3
51	Liver 4D-MRI: An Image Mutual Information based Retrospective Self-sorting Method. , 2019, , .		0
52	A robust deformable image registration enhancement method based on radial basis function. Quantitative Imaging in Medicine and Surgery, 2019, 9, 1315-1325.	2.0	3
53	Incorporating Case-Based Reasoning for Radiation Therapy Knowledge Modeling: A Pelvic Case Study. Technology in Cancer Research and Treatment, 2019, 18, 153303381987478.	1.9	2
54	An investigation of machine learning methods in delta-radiomics feature analysis. PLoS ONE, 2019, 14, e0226348.	2.5	40

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55	The effect of setup uncertainty on optimal dosimetric margin in LINAC-based stereotactic radiosurgery with dynamic conformal arc technique. <i>Journal of Radiosurgery and SBRT</i> , 2019, 6, 55-65.	0.2	0
56	The effect of MLC leaf width in single-isocenter multi-target radiosurgery with volumetric modulated arc therapy. <i>Journal of Radiosurgery and SBRT</i> , 2019, 6, 131-138.	0.2	5
57	Improving Quality and Consistency in NRG Oncology Radiation Therapy Oncology Group 0631 for Spine Radiosurgery via Knowledge-Based Planning. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 100, 1067-1074.	0.8	35
58	Accelerating volumetric cine MRI (VC-MRI) using undersampling for real-time 3D target localization/tracking in radiation therapy: a feasibility study. <i>Physics in Medicine and Biology</i> , 2018, 63, 01NT01.	3.0	16
59	Low dose CBCT reconstruction via prior contour based total variation (PCTV) regularization: a feasibility study. <i>Physics in Medicine and Biology</i> , 2018, 63, 085014.	3.0	24
60	Image acquisition optimization of a limited-angle intrafraction verification (LIVE) system for lung radiotherapy. <i>Medical Physics</i> , 2018, 45, 340-351.	3.0	13
61	Principal component reconstruction (PCR) for cine CBCT with motion learning from 2D fluoroscopy. <i>Medical Physics</i> , 2018, 45, 167-177.	3.0	11
62	Effect of machine learning methods on predicting NSCLC overall survival time based on Radiomics analysis. <i>Radiation Oncology</i> , 2018, 13, 197.	2.7	53
63	An initial investigation of hyperpolarized gas tagging magnetic resonance imaging in evaluating deformable image registration-based lung ventilation. <i>Medical Physics</i> , 2018, 45, 5535-5542.	3.0	4
64	Association of Interim FDG-PET Imaging During Chemoradiation for Squamous Anal Canal Carcinoma With Recurrence. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, 1046-1051.	0.8	15
65	An Ensemble Approach to Knowledge-Based Intensity-Modulated Radiation Therapy Planning. <i>Frontiers in Oncology</i> , 2018, 8, 57.	2.8	30
66	A Novel method to generate on-board 4D MRI using prior 4D MRI and on-board kV projections from a conventional LINAC for target localization in liver SBRT. <i>Medical Physics</i> , 2018, 45, 3238-3245.	3.0	11
67	Dosimetric characterization of an intensity-modulated X-ray brachytherapy system. <i>Journal of Medical Physics</i> , 2018, 43, 247.	0.3	0
68	Assessment of concurrent stereotactic radiosurgery and bevacizumab treatment of recurrent malignant gliomas using multi-modality MRI imaging and radiomics analysis. <i>Journal of Radiosurgery and SBRT</i> , 2018, 5, 171-181.	0.2	7
69	Accelerated Brain DCE-MRI Using Iterative Reconstruction With Total Generalized Variation Penalty for Quantitative Pharmacokinetic Analysis: A Feasibility Study. <i>Technology in Cancer Research and Treatment</i> , 2017, 16, 446-460.	1.9	12
70	Quantitative Approach to Failure Mode and Effect Analysis for Linear Accelerator Quality Assurance. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 98, 56-62.	0.8	18
71	Estimating 4D-CBCT from prior information and extremely limited angle projections using structural PCA and weighted free-form deformation for lung radiotherapy. <i>Medical Physics</i> , 2017, 44, 1089-1104.	3.0	22
72	Reducing scan angle using adaptive prior knowledge for a limited-angle intrafraction verification (LIVE) system for conformal arc radiotherapy. <i>Physics in Medicine and Biology</i> , 2017, 62, 3859-3882.	3.0	21

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73	Clinical Study of Orthogonal-View Phase-Matched Digital Tomosynthesis for Lung Tumor Localization. <i>Technology in Cancer Research and Treatment</i> , 2017, 16, 866-878.	1.9	5
74	Biopsy of enlarging lesions after stereotactic radiosurgery for brain metastases frequently reveals radiation necrosis. <i>Neuro-Oncology</i> , 2017, 19, 1391-1397.	1.2	28
75	Exploring the Margin Recipe for Online Adaptive Radiation Therapy for Intermediate-Risk Prostate Cancer: An Intrafractional Seminal Vesicles Motion Analysis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 98, 473-480.	0.8	26
76	Four-dimensional diffusion-weighted MR imaging (4D-DWI): a feasibility study. <i>Medical Physics</i> , 2017, 44, 397-406.	3.0	17
77	Impact of moving target on measurement accuracy in 3D and 4D PET imaging—a phantom study. <i>Advances in Radiation Oncology</i> , 2017, 2, 94-100.	1.2	6
78	Single fraction stereotactic radiosurgery for multiple brain metastases. <i>Advances in Radiation Oncology</i> , 2017, 2, 555-563.	1.2	44
79	Outlier identification in radiation therapy knowledge-based planning: A study of pelvic cases. <i>Medical Physics</i> , 2017, 44, 5617-5626.	3.0	20
80	Characterization of Water-Clear Polymeric Gels for Use as Radiotherapy Bolus. <i>Technology in Cancer Research and Treatment</i> , 2017, 16, 923-929.	1.9	16
81	<sc>AAPM</sc>â€<sc>RSS</sc> Medical Physics Practice Guideline 9.a. for <sc>SRS</sc>â€<sc>SBRT</sc>. <i>Journal of Applied Clinical Medical Physics</i> , 2017, 18, 10-21.	1.9	112
82	Development of a Computerized 4-D MRI Phantom for Liver Motion Study. <i>Technology in Cancer Research and Treatment</i> , 2017, 16, 1051-1059.	1.9	6
83	Retrospective four-dimensional magnetic resonance imaging with image-based respiratory surrogate: a sagittalâ€coronalâ€diaphragm point of intersection motion tracking method. <i>Journal of Medical Imaging</i> , 2017, 4, 024007.	1.5	4
84	Dosimetric Analysis of Microscopic Disease in SBRT for Lung Cancers. <i>Technology in Cancer Research and Treatment</i> , 2017, 16, 1113-1119.	1.9	0
85	SBRT treatment of multiple extracranial oligometastases using a single isocenter with distinct optimizations. <i>Journal of Radiosurgery and SBRT</i> , 2017, 4, 265-273.	0.2	6
86	An in-house protocol for improved flood field calibration of TrueBeam FFF cine imaging. <i>Journal of Applied Clinical Medical Physics</i> , 2017, 18, 265-268.	1.9	0
87	Markerless Four-Dimensional-Cone Beam Computed Tomography Projection-Phase Sorting Using Prior Knowledge and Patient Motion Modeling: A Feasibility Study. <i>Cancer Translational Medicine</i> , 2017, 3, 185-193.	0.2	1
88	Novel Technologies for Improved Treatment Outcome and Patient Safety in Cancer Radiotherapy. <i>BioMed Research International</i> , 2016, 2016, 1-2.	1.9	2
89	A probability-based multi-cycle sorting method for 4D-MRI: A simulation study. <i>Medical Physics</i> , 2016, 43, 6375-6385.	3.0	6
90	Re-examining TG142 recommendations in light of modern techniques for linear accelerator based radiosurgery. <i>Medical Physics</i> , 2016, 43, 5437-5441.	3.0	18

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91	Simultaneous 4D-CBCT reconstruction with sliding motion constraint. <i>Medical Physics</i> , 2016, 43, 5453-5463.	3.0	6
92	Comparisons of volumetric modulated arc therapy (VMAT) quality assurance (QA) systems: sensitivity analysis to machine errors. <i>Radiation Oncology</i> , 2016, 11, 146.	2.7	45
93	Dynamic fractal signature dissimilarity analysis for therapeutic response assessment using dynamic contrast-enhanced MRI. <i>Medical Physics</i> , 2016, 43, 1335-1347.	3.0	14
94	Is a single isocenter sufficient for volumetric modulated arc therapy radiosurgery when multiple intracranial metastases are spatially dispersed?. <i>Medical Dosimetry</i> , 2016, 41, 285-289.	0.9	31
95	Sensitivity of 3D Dose Verification to Multileaf Collimator Misalignments in Stereotactic Body Radiation Therapy of Spinal Tumor. <i>Technology in Cancer Research and Treatment</i> , 2016, 15, NP25-NP34.	1.9	1
96	Scatter Reduction and Correction for Dual-Source Cone-Beam CT Using Prepatient Grids. <i>Technology in Cancer Research and Treatment</i> , 2016, 15, 416-427.	1.9	14
97	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. <i>Technology in Cancer Research and Treatment</i> , 2016, 15, 651-660.	1.9	17
98	A Technique for Generating Volumetric Cine-Magnetic Resonance Imaging. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 844-853.	0.8	46
99	Physics considerations for single-isocenter, volumetric modulated arc radiosurgery for treatment of multiple intracranial targets. <i>Practical Radiation Oncology</i> , 2016, 6, 207-213.	2.1	57
100	An efficient calculation method for pharmacokinetic parameters in brain permeability study using dynamic contrast-enhanced MRI. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 739-749.	3.0	11
101	Four dimensional magnetic resonance imaging with retrospective $k$ -space reordering: A feasibility study. <i>Medical Physics</i> , 2015, 42, 534-541.	3.0	39
102	Accuracy of respiratory motion measurement of 4D-MRI: A comparison between cine and sequential acquisition. <i>Medical Physics</i> , 2015, 43, 179-187.	3.0	20
103	A Monte Carlo simulation framework for electron beam dose calculations using Varian phase space files for TrueBeam Linacs. <i>Medical Physics</i> , 2015, 42, 2389-2403.	3.0	24
104	Dosimetric verification of lung cancer treatment using the CBCTs estimated from limited-angle on-board projections. <i>Medical Physics</i> , 2015, 42, 4783-4795.	3.0	24
105	T2-weighted four dimensional magnetic resonance imaging with result-driven phase sorting. <i>Medical Physics</i> , 2015, 42, 4460-4471.	3.0	42
106	Preliminary clinical evaluation of a 4D-CBCT estimation technique using prior information and limited-angle projections. <i>Radiotherapy and Oncology</i> , 2015, 115, 22-29.	0.6	48
107	Defining the Optimal Planning Target Volume in Image-Guided Stereotactic Radiosurgery of Brain Metastases: Results of a Randomized Trial. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 91, 100-108.	0.8	135
108	Incorporating single-side sparing in models for predicting parotid dose sparing in head and neck IMRT. <i>Medical Physics</i> , 2014, 41, 021728.	3.0	22



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109	A hardware investigation of robotic SPECT for functional and molecular imaging onboard radiation therapy systems. <i>Medical Physics</i> , 2014, 41, 112504.	3.0	2
110	A limited-angle intrafraction verification (LIVE) system for radiation therapy. <i>Medical Physics</i> , 2014, 41, 020701.	3.0	54
111	Four-Dimensional Magnetic Resonance Imaging Using Axial Body Area as Respiratory Surrogate: Initial Patient Results. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 88, 907-912.	0.8	40
112	Dosimetric comparison of 3D conformal, IMRT, and V-MAT techniques for accelerated partial-breast irradiation (APBI). <i>Medical Dosimetry</i> , 2014, 39, 152-158.	0.9	31
113	Uncertainties of 4-dimensional computed tomography-based tumor motion measurement for lung stereotactic body radiation therapy. <i>Practical Radiation Oncology</i> , 2014, 4, e59-e65.	2.1	7
114	Investigation of sagittal image acquisition for 4D-MRI with body area as respiratory surrogate. <i>Medical Physics</i> , 2014, 41, 101902.	3.0	45
115	Is Diaphragm Motion a Good Surrogate for Liver Tumor Motion?. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, 952-958.	0.8	67
116	RTOG 0631 phase 2/3 study of image guided stereotactic radiosurgery for localized (1-3) spine metastases: Phase 2 results. <i>Practical Radiation Oncology</i> , 2014, 4, 76-81.	2.1	205
117	Dosimetric effects of rotational offsets in stereotactic body radiation therapy (SBRT) for lung cancer. <i>Medical Dosimetry</i> , 2014, 39, 117-121.	0.9	15
118	Review of treatment assessment using DCE-MRI in breast cancer radiation therapy. <i>World Journal of Methodology</i> , 2014, 4, 46.	3.5	40
119	Stereotactic ablative body radiotherapy (SABR) for effective palliation of metastases: factors affecting local control. <i>Journal of Radiosurgery and SBRT</i> , 2014, 3, 123-129.	0.2	1
120	A technique for estimating 4D-CBCT using prior knowledge and limited-angle projections. <i>Medical Physics</i> , 2013, 40, 121701.	3.0	74
121	Onboard functional and molecular imaging: A design investigation for robotic multipinhole SPECT. <i>Medical Physics</i> , 2013, 41, 010701.	3.0	7
122	Investigation of sliced body volume (SBV) as respiratory surrogate. <i>Journal of Applied Clinical Medical Physics</i> , 2013, 14, 71-80.	1.9	11
123	Imaging system QA of a medical accelerator, Novalis Tx, for IGRT per TG 142: our 1 year experience. <i>Journal of Applied Clinical Medical Physics</i> , 2012, 13, 113-140.	1.9	17
124	Four-dimensional magnetic resonance imaging (4D-MRI) using image-based respiratory surrogate: A feasibility study. <i>Medical Physics</i> , 2011, 38, 6384-6394.	3.0	164
125	Response to "Comment on "A planning quality evaluation tool for prostate adaptive IMRT based on machine learning" [Med. Phys. 38, 719 (2011)]. <i>Medical Physics</i> , 2011, 38, 2821-2821.	3.0	8
126	Evaluation of motion measurement using cine MRI for image guided stereotactic body radiotherapy on a new phantom platform. <i>Journal of Radiosurgery and SBRT</i> , 2011, 1, 109-115.	0.2	0



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127	Dosimetry challenges for implementing emerging technologies. Journal of Physics: Conference Series, 2010, 250, 012002.	0.4	5
128	Regional SPECT imaging using sampling Principles and Multiple Pinholes. , 2010, , .		3
129	Impact of collimator leaf width and treatment technique on stereotactic radiosurgery and radiotherapy plans for intra- and extracranial lesions. Radiation Oncology, 2009, 4, 3.	2.7	67
130	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.	0.6	80
131	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.	1.9	15
132	Integration of Cone-Beam CT in Stereotactic Body Radiation Therapy. Technology in Cancer Research and Treatment, 2008, 7, 133-139.	1.9	34
133	Dosimetric characteristics of Novalis Tx system with high definition multileaf collimator. Medical Physics, 2008, 35, 4460-4463.	3.0	56
134	Decision Fusion of Machine Learning Models to Predict Radiotherapy-Induced Lung Pneumonitis. , 2008, , .		5
135	Evaluation of an electron Monte Carlo dose calculation algorithm for electron beams. Journal of Applied Clinical Medical Physics, 2008, 9, 1-15.	1.9	21
136	Investigation of the location effect of external markers in respiratoryâ€gated radiotherapy. Journal of Applied Clinical Medical Physics, 2008, 9, 57-68.	1.9	33
137	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.	1.9	7
138	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.	1.9	20
139	The management of imaging dose during imageâ€guided radiotherapy: Report of the AAPM Task Group 75. Medical Physics, 2007, 34, 4041-4063.	3.0	464
140	Physics and Imaging for Targeting of Oligometastases. Seminars in Radiation Oncology, 2006, 16, 85-101.	2.2	31
141	Dosimetric study using different leaf-width MLCs for treatment planning of dynamic conformal arcs and intensity-modulated radiosurgery. Medical Physics, 2005, 32, 405-411.	3.0	92
142	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.	0.8	21
143	4D-MRI in Radiotherapy. , 0, , .		5