

Jing Cai

List of Publications by Year in descending order

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152
papers

2,922
citations

147801

31
h-index

214800

47
g-index

153
all docs

153
docs citations

153
times ranked

2646
citing authors

#	ARTICLE	IF	CITATIONS
1	Chest Wall Volume Receiving >30 Gy Predicts Risk of Severe Pain and/or Rib Fracture After Lung Stereotactic Body Radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 76, 796-801.	0.8	261
2	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
3	Evaluation of emphysema severity and progression in a rabbit model: comparison of hyperpolarized ³ He and ¹²⁹ Xe diffusion MRI with lung morphometry. <i>Journal of Applied Physiology</i> , 2007, 102, 1273-1280.	2.5	91
4	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
5	Application of the 4-D XCAT Phantoms in Biomedical Imaging and Beyond. <i>IEEE Transactions on Medical Imaging</i> , 2018, 37, 680-692.	8.9	65
6	Clinical implementation of AI technologies will require interpretable AI models. <i>Medical Physics</i> , 2020, 47, 1-4.	3.0	63
7	Estimation of Error in Maximal Intensity Projection-Based Internal Target Volume of Lung Tumors: A Simulation and Comparison Study Using Dynamic Magnetic Resonance Imaging. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007, 69, 895-902.	0.8	60
8	The VAMPIRE challenge: A multi-institutional validation study of CT ventilation imaging. <i>Medical Physics</i> , 2019, 46, 1198-1217.	3.0	59
9	Evaluation of thoracic spinal cord motion using dynamic MRI. <i>Radiotherapy and Oncology</i> , 2007, 84, 279-282.	0.6	58
10	Artificial intelligence will soon change the landscape of medical physics research and practice. <i>Medical Physics</i> , 2018, 45, 1791-1793.	3.0	57
11	A Review on Application of Deep Learning Algorithms in External Beam Radiotherapy Automated Treatment Planning. <i>Frontiers in Oncology</i> , 2020, 10, 580919.	2.8	56
12	Pseudo-CT generation from multi-parametric MRI using a novel multi-channel multi-path conditional generative adversarial network for nasopharyngeal carcinoma patients. <i>Medical Physics</i> , 2020, 47, 1750-1762.	3.0	52
13	Uveal Melanoma Treated With Iodine-125 Episcleral Plaque: An Analysis of Dose on Disease Control and Visual Outcomes. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 89, 127-136.	0.8	51
14	Dosimetric comparison of treatment plans based on free breathing, maximum, and average intensity projection CTs for lung cancer SBRT. <i>Medical Physics</i> , 2012, 39, 2754-2760.	3.0	47
15	Tracking brain motion during the cardiac cycle using spiral cine-DENSE MRI. <i>Medical Physics</i> , 2009, 36, 3413-3419.	3.0	46
16	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
17	A novel technique for markerless, self-sorted 4D-CBCT: Feasibility study. <i>Medical Physics</i> , 2012, 39, 1442-1451.	3.0	45
18	Investigation of sagittal image acquisition for 4D-MRI with body area as respiratory surrogate. <i>Medical Physics</i> , 2014, 41, 101902.	3.0	45

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19	A short-breath-hold technique for lung O_2 mapping with ^3He MRI. <i>Magnetic Resonance in Medicine</i> , 2010, 63, 127-136.	3.0	44
20	Spatial-temporal variability of radiomic features and its effect on the classification of lung cancer histology. <i>Physics in Medicine and Biology</i> , 2018, 63, 225003.	3.0	44
21	Pretreatment Prediction of Adaptive Radiation Therapy Eligibility Using MRI-Based Radiomics for Advanced Nasopharyngeal Carcinoma Patients. <i>Frontiers in Oncology</i> , 2019, 9, 1050.	2.8	43
22	T2-weighted four dimensional magnetic resonance imaging with result-driven phase sorting. <i>Medical Physics</i> , 2015, 42, 4460-4471.	3.0	42
23	Dynamic MRI of Grid-Tagged Hyperpolarized Helium-3 for the Assessment of Lung Motion During Breathing. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 75, 276-284.	0.8	40
24	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
25	Quantification and Minimization of Uncertainties of Internal Target Volume for Stereotactic Body Radiation Therapy of Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 85, 438-443.	0.8	39
26	Four dimensional magnetic resonance imaging with retrospective k -space reordering: A feasibility study. <i>Medical Physics</i> , 2015, 42, 534-541.	3.0	39
27	Evaluation of the reproducibility of lung motion probability distribution function (PDF) using dynamic MRI. <i>Physics in Medicine and Biology</i> , 2007, 52, 365-373.	3.0	38
28	The effect of respiratory motion variability and tumor size on the accuracy of average intensity projection from four-dimensional computed tomography: An investigation based on dynamic MRI. <i>Medical Physics</i> , 2008, 35, 4974-4981.	3.0	38
29	Dose as a Function of Lung Volume and Planned Treatment Volume in Helical Tomotherapy Intensity-Modulated Radiation Therapy-Based Stereotactic Body Radiation Therapy for Small Lung Tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007, 68, 1229-1237.	0.8	36
30	Reproducibility of Interfraction Lung Motion Probability Distribution Function Using Dynamic MRI: Statistical Analysis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008, 72, 1228-1235.	0.8	36
31	Effects of breathing variation on gating window internal target volume in respiratory gated	3.0	35
32	Transmission detectors are safe and the future for patient-specific QA in radiation therapy. <i>Medical Physics</i> , 2019, 46, 1-4.	3.0	35
33	A review of deep learning-based three-dimensional medical image registration methods. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 4895-4916.	2.0	33
34	Establishing a framework to implement 4D XCAT Phantom for 4D radiotherapy research. <i>Journal of Cancer Research and Therapeutics</i> , 2012, 8, 565.	0.9	31
35	FLASH radiotherapy: Newsflash or flash in the pan?. <i>Medical Physics</i> , 2019, 46, 4287-4290.	3.0	31
36	Evaluation of integrated respiratory gating systems on a Novalis Tx system. <i>Journal of Applied Clinical Medical Physics</i> , 2011, 12, 71-79.	1.9	30

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37	A 3D-conformal technique is better than IMRT or VMAT for lung SBRT. <i>Medical Physics</i> , 2014, 41, 040601.	3.0	30
38	Vaginal Dose Is Associated With Toxicity in Image Guided Tandem Ring or Ovoid-Based Brachytherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 94, 1099-1105.	0.8	30
39	Direct Measurement of Lung Motion Using Hyperpolarized Helium-3 MR Tagging. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007, 68, 650-653.	0.8	24
40	Virtual Contrast-Enhanced Magnetic Resonance Images Synthesis for Patients With Nasopharyngeal Carcinoma Using Multimodality-Guided Synergistic Neural Network. <i>International Journal of Radiation Oncology Biology Physics</i> , 2022, 112, 1033-1044.	0.8	24
41	A modern review of the uncertainties in volumetric imaging of respiratory-induced target motion in lung radiotherapy. <i>Medical Physics</i> , 2020, 47, e988-e1008.	3.0	22
42	Multi-Organ Omics-Based Prediction for Adaptive Radiation Therapy Eligibility in Nasopharyngeal Carcinoma Patients Undergoing Concurrent Chemoradiotherapy. <i>Frontiers in Oncology</i> , 2021, 11, 792024.	2.8	22
43	Lipiodol: A Potential Direct Surrogate for Cone-Beam Computed Tomography Image Guidance in Radiotherapy of Liver Tumor. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 82, 834-841.	0.8	21
44	Integration of an imbalance framework with novel high-generalizable classifiers for radiomics-based distant metastases prediction of advanced nasopharyngeal carcinoma. <i>Knowledge-Based Systems</i> , 2022, 235, 107649.	7.1	21
45	Pulmonary kinematics from tagged hyperpolarized helium-3 MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 31, 1236-1241.	3.4	20
46	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
47	National survey of patient specific IMRT quality assurance in China. <i>Radiation Oncology</i> , 2019, 14, 69.	2.7	20
48	H-ProSeg: Hybrid ultrasound prostate segmentation based on explainability-guided mathematical model. <i>Computer Methods and Programs in Biomedicine</i> , 2022, 219, 106752.	4.7	20
49	Adaptive Stereotactic Body Radiation Therapy Planning for Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 87, 209-215.	0.8	19
50	Methods, safety, and early clinical outcomes of dose escalation using simultaneous integrated and sequential boosts in patients with locally advanced gynecologic malignancies. <i>Gynecologic Oncology</i> , 2014, 135, 239-243.	1.4	19
51	Deep learning for automatic target volume segmentation in radiation therapy: a review. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 4847-4858.	2.0	19
52	H-ProMed: Ultrasound image segmentation based on the evolutionary neural network and an improved principal curve. <i>Pattern Recognition</i> , 2022, 131, 108890.	8.1	18
53	A computer simulated phantom study of tomotherapy dose optimization based on probability density functions (PDF) and potential errors caused by low reproducibility of PDF. <i>Medical Physics</i> , 2006, 33, 3321-3326.	3.0	17
54	Four-dimensional diffusion-weighted MR imaging (4D-DWI): a feasibility study. <i>Medical Physics</i> , 2017, 44, 397-406.	3.0	17

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55	Low-dose radiation as a treatment for COVID-19 pneumonia: A threat or real opportunity?. <i>Medical Physics</i> , 2020, 47, 3773-3776.	3.0	17
56	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
57	4D liver tumor localization using cone-beam projections and a biomechanical model. <i>Radiotherapy and Oncology</i> , 2019, 133, 183-192.	0.6	16
58	Deep Learning-Based Computed Tomography Perfusion Mapping (DL-CTPM) for Pulmonary CT-to-Perfusion Translation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 1508-1518.	0.8	16
59	Building reliable radiomic models using image perturbation. <i>Scientific Reports</i> , 2022, 12, .	3.3	16
60	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
61	Efficacy and Safety of Low-Dose Iodine Plaque Brachytherapy for Juxtapapillary Choroidal Melanoma. <i>American Journal of Ophthalmology</i> , 2018, 186, 32-40.	3.3	14
62	Time-resolved magnetic resonance fingerprinting for radiotherapy motion management. <i>Medical Physics</i> , 2020, 47, 6286-6293.	3.0	13
63	Body mass index, dose to organs at risk during vaginal brachytherapy, and the role of three-dimensional CT-based treatment planning. <i>Brachytherapy</i> , 2014, 13, 332-336.	0.5	12
64	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
65	A dual-supervised deformation estimation model (DDEM) for constructing ultra-quality 4D-MRI based on a commercial low-quality 4D-MRI for liver cancer radiation therapy. <i>Medical Physics</i> , 2022, 49, 3159-3170.	3.0	12
66	H-SegMed: A Hybrid Method for Prostate Segmentation in TRUS Images via Improved Closed Principal Curve and Improved Enhanced Machine Learning. <i>International Journal of Computer Vision</i> , 2022, 130, 1896-1919.	15.6	12
67	Reproducibility of Tumor Motion Probability Distribution Function in Stereotactic Body Radiation Therapy of Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 84, 861-866.	0.8	11
68	Implementation of Remote 3-Dimensional Image Guided Radiation Therapy Quality Assurance for Radiation Therapy Oncology Group Clinical Trials. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 85, 271-277.	0.8	11
69	Investigation of sliced body volume (SBV) as respiratory surrogate. <i>Journal of Applied Clinical Medical Physics</i> , 2013, 14, 71-80.	1.9	11
70	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
71	A Rabbit Irradiation Platform for Outcome Assessment of Lung Stereotactic Radiosurgery. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 73, 1588-1595.	0.8	10
72	Helical Tomotherapy Planning for Lung Cancer Based on Ventilation Magnetic Resonance Imaging. <i>Medical Dosimetry</i> , 2011, 36, 389-396.	0.9	10

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73	A review on 3D deformable image registration and its application in dose warping. Radiation Medicine and Protection, 2020, 1, 171-178.	0.8	10
74	Investigation of a Novel Deep Learning-Based Computed Tomography Perfusion Mapping Framework for Functional Lung Avoidance Radiotherapy. Frontiers in Oncology, 2021, 11, 644703.	2.8	10
75	MRI super-resolution via realistic downsampling with adversarial learning. Physics in Medicine and Biology, 2021, 66, 205004.	3.0	10
76	Multiresolution residual deep neural network for improving pelvic CBCT image quality. Medical Physics, 2022, 49, 1522-1534.	3.0	10
77	Commissioning a CT-compatible LDR tandem and ovoid applicator using Monte Carlo calculation and 3D dosimetry. Medical Physics, 2012, 39, 4515-4523.	3.0	9
78	Evaluating Radiation-induced White Matter Changes in Patients Treated with Stereotactic Radiosurgery Using Diffusion Tensor Imaging: A Pilot Study. Technology in Cancer Research and Treatment, 2014, 13, 21-28.	1.9	9
79	A Multi-Center Study of CT-Based Neck Nodal Radiomics for Predicting an Adaptive Radiotherapy Trigger of Ill-Fitted Thermoplastic Masks in Patients with Nasopharyngeal Carcinoma. Life, 2022, 12, 241.	2.4	9
80	5914-5920.	3.0	8
81	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
82	Fuzzy Clustering Based on Automated Feature Pattern-Driven Similarity Matrix Reduction. IEEE Transactions on Computational Social Systems, 2021, 8, 1203-1212.	4.4	8
83	Dosimetric Comparison of 6 MV and 15 MV Single Arc Rapidarc to Helical TomoTherapy for the Treatment of Pancreatic Cancer. Medical Dosimetry, 2011, 36, 317-320.	0.9	7
84	Uncertainties of 4-dimensional computed tomography-based tumor motion measurement for lung stereotactic body radiation therapy. Practical Radiation Oncology, 2014, 4, e59-e65.	2.1	7
85	The use of six degrees of freedom couch is only clinically beneficial in stereotactic radio surgery. Medical Physics, 2019, 46, 415-418.	3.0	7
86	Infection prevention and control measures during COVID-19 from medical physics perspective: A single institution experience from China. Journal of Applied Clinical Medical Physics, 2020, 21, 221-222.	1.9	7
87	Advances in MRI-guided precision radiotherapy. Precision Radiation Oncology, 2022, 6, 75-84.	1.1	7
88	Semi-Automatic Prostate Segmentation From Ultrasound Images Using Machine Learning and Principal Curve Based on Interpretable Mathematical Model Expression. Frontiers in Oncology, 0, 12, .	2.8	7
89	A probability-based multi-cycle sorting method for 4D-MRI: A simulation study. Medical Physics, 2016, 43, 6375-6385.	3.0	6
90	Impact of moving target on measurement accuracy in 3D and 4D PET imaging—a phantom study. Advances in Radiation Oncology, 2017, 2, 94-100.	1.2	6

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91	Free-breathing abdominal MRI improved by repeated k-space subsampling and artifact minimization (ReKAM). Medical Physics, 2018, 45, 178-190.	3.0	6
92	Artificial intelligence should be part of medical physics graduate program curriculum. Medical Physics, 2021, 48, 1457-1460.	3.0	6
93	Radiation-induced lung damage in patients treated with stereotactic body radiotherapy after EGFR-TKIs: is there any difference from stereotactic body radiotherapy alone?. Annals of Palliative Medicine, 2021, 10, 2832-2842.	1.2	6
94	Artificial intelligence for prediction of measurement-based patient-specific quality assurance is ready for prime time. Medical Physics, 2021, 48, 2701-2704.	3.0	6
95	A multisource adaptive magnetic resonance image fusion technique for versatile contrast magnetic resonance imaging. Cancer Translational Medicine, 2018, 4, 65.	0.2	6
96	Dosimetry challenges for implementing emerging technologies. Journal of Physics: Conference Series, 2010, 250, 012002.	0.4	5
97	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
98	The open access financial model hinders the growth of medical physics research in low- and middle-income countries. Medical Physics, 2020, 47, 5972-5975.	3.0	5
99	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
100	Glioma segmentation of optimized 3D U-net and prediction of multi-modal survival time. Neural Computing and Applications, 2022, 34, 211-225.	5.6	5
101	Deriving Lung Perfusion Directly from CT Image Using Deep Convolutional Neural Network: A Preliminary Study. Lecture Notes in Computer Science, 2019, , 102-109.	1.3	5
102	Extracting Breathing Signal Using Fourier Transform from Cine Magnetic Resonance Imaging. Cancer Translational Medicine, 2015, 1, 16.	0.2	5
103	Multi-Contrast Four-dimensional Magnetic Resonance Imaging (MC4D-MRI): development and initial evaluation in liver tumor patients. Medical Physics, 2021, 48, 7984.	3.0	5
104	Retrospective four-dimensional magnetic resonance imaging with image-based respiratory surrogate: a sagittal-coronal diaphragm point of intersection motion tracking method. Journal of Medical Imaging, 2017, 4, 024007.	1.5	4
105	Treatment planning based on lung functional avoidance is not ready for clinical deployment. Medical Physics, 2018, 45, 2353-2356.	3.0	4
106	An initial investigation of hyperpolarized gas tagging magnetic resonance imaging in evaluating deformable image registration-based lung ventilation. Medical Physics, 2018, 45, 5535-5542.	3.0	4
107	In the future, disruptive innovation in radiation oncology technology will be initiated mostly by entrepreneurs. Medical Physics, 2019, 46, 1949-1952.	3.0	4
108	Editorial: Magnetic Resonance Imaging for Radiation Therapy. Frontiers in Oncology, 2020, 10, 483.	2.8	4

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109	Deep learning-based bone suppression in chest radiographs using CT-derived features: a feasibility study. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 4807-4819.	2.0	4
110	Deep Learning-Based Automatic Assessment of Radiation Dermatitis in Patients With Nasopharyngeal Carcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2022, 113, 685-694.	0.8	4
111	Motion-resolved and free-breathing liver MRF. <i>Magnetic Resonance Imaging</i> , 2022, 91, 69-80.	1.8	4
112	<sc>CAMPEP</sc> graduate program standards should require a dedicated course in Magnetic Resonance Imaging physics. <i>Journal of Applied Clinical Medical Physics</i> , 2018, 19, 5-8.	1.9	3
113	A robust deformable image registration enhancement method based on radial basis function. <i>Quantitative Imaging in Medicine and Surgery</i> , 2019, 9, 1315-1325.	2.0	3
114	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
115	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
116	Investigation of the effect of acquisition schemes on time-resolved magnetic resonance fingerprinting. <i>Physics in Medicine and Biology</i> , 2021, 66, 095013.	3.0	3
117	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
118	An Integrated Simulation System Based on Digital Human Phantom for 4D Radiation Therapy of Lung Cancer. <i>Journal of Cancer Therapy</i> , 2014, 05, 749-758.	0.4	3
119	A Transfer Learning Framework for Deep Learning-Based CT-to-Perfusion Mapping on Lung Cancer Patients. <i>Frontiers in Oncology</i> , 0, 12, .	2.8	3
120	A hybrid proton and hyperpolarized gas tagging MRI technique for lung respiratory motion imaging: a feasibility study. <i>Physics in Medicine and Biology</i> , 2019, 64, 105019.	3.0	2
121	Signal Enhancement of Low Magnetic Field Magnetic Resonance Image Using a Conventional- and Cyclic-Generative Adversarial Network Models With Unpaired Image Sets. <i>Frontiers in Oncology</i> , 2021, 11, 660284.	2.8	2
122	Target-Matching Accuracy in Stereotactic Body Radiation Therapy of Lung Cancer: An Investigation Based on Four-Dimensional Digital Human Phantom. <i>Cancer Translational Medicine</i> , 2016, 2, 65.	0.2	2
123	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.	0.2	2
124	Constructing Novel Prognostic Biomarkers of Advanced Nasopharyngeal Carcinoma from Multiparametric MRI Radiomics Using Ensemble-Model Based Iterative Feature Selection. , 2019, , .		2
125	Evaluation of Multisource Adaptive MRI Fusion for Gross Tumor Volume Delineation of Hepatocellular Carcinoma. <i>Frontiers in Oncology</i> , 2022, 12, 816678.	2.8	2
126	In Reply to Kumar et al. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 87, 5-6.	0.8	1

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127	A career path for pure academic medical physicists in radiation oncology should be established. Medical Physics, 2018, 45, 2853-2856.	3.0	1
128	In modern linacs monitor units should be defined in water at 10 ^Å cm depth rather than at d_{max} . Medical Physics, 2018, 45, 4789-4792.	3.0	1
129	Probability-based 3D k-space sorting for motion robust 4D-MRI. Quantitative Imaging in Medicine and Surgery, 2019, 9, 1326-1336.	2.0	1
130	Open access journals are the future of scientific publishing and medical physicist should embrace the change. Medical Physics, 2020, 47, 833-836.	3.0	1
131	Study of Spinal Cord Substructure Expansion Margin in Esophageal Cancer. Technology in Cancer Research and Treatment, 2021, 20, 153303382110245.	1.9	1
132	Uncertainties of IGRT for lung cancer. , 2017, , 235-260.		1
133	SU ₁₂₃ : Evaluation of Integrated Gating Systems on a Novalis Tx System Using Quantitative Motion Tracking Analyses and Efficient Time-Delay Measurements. Medical Physics, 2011, 38, 3514-3514.	3.0	1
134	Motion estimation of the liver based on deformable image registration: a comparison between four-dimensional-computed tomography and four-dimensional-magnetic resonance imaging. Cancer Translational Medicine, 2017, 3, 153.	0.2	1
135	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
136	Respiratory 4D-Gating F-18 FDG PET/CT Scan for Liver Malignancies: Feasibility in Liver Cancer Patient and Tumor Quantitative Analysis. Frontiers in Oncology, 2022, 12, 789506.	2.8	1
137	Review of functional magnetic resonance imaging in the assessment of nasopharyngeal carcinoma treatment response. Precision Radiation Oncology, 2022, 6, 177-185.	1.1	1
138	Volumetric multi-phase ventilation imaging based on four-dimensional computed tomography for functional lung avoidance radiotherapy. Medical Physics, 0, , .	3.0	1
139	Improving liver tumor image contrast and synthesizing novel tissue contrasts by adaptive multiparametric magnetic resonance imaging fusion. Precision Radiation Oncology, 2022, 6, 190-198.	1.1	1
140	Imaging the Lung in Radiotherapy: Where 4D Meets Multimodality. Imaging Decisions (Berlin, Germany), 2008, 12, 25-31.	0.2	0
141	An adaptive finite element method to cope with a large scale lung deformation in magnetic resonance images. , 2014, , .		0
142	Evaluation of Radiotherapy Response Assessment for Gynecological Cancer Patients Using Texture Feature Extraction from Diffusion Weighted MRI. Brachytherapy, 2016, 15, S81-S82.	0.5	0
143	Dosimetry, Feasibility, and Acute Toxicity of Combined Intracavitary Brachytherapy and Free-Hand Interstitial Needle Placement for Locally Advanced Cervix and Uterine Cancer. Brachytherapy, 2016, 15, S86-S87.	0.5	0
144	Using Varian's Eclipse Scripting API to Calculate, Add, and Report Biologically Equivalent Doses for Gynecological Brachytherapy and External Beam Radiation Therapy Patients. Brachytherapy, 2016, 15, S137-S138.	0.5	0

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145	On the Utility of Pre Treatment kV-CBCT for MRI-Based Planning of Cervical Cancer Patients. Brachytherapy, 2016, 15, S160-S161.	0.5	0
146	Liver 4D-MRI: An Image Mutual Information based Retrospective Self-sorting Method. , 2019, , .		0
147	Universal implementation of automated treatment planning software will be detrimental to future generations of trainees. Medical Physics, 2021, 48, 3409-3412.	3.0	0
148	SUâ€œGâ€œTâ€œ530: Comparison of Coplanar and Nonâ€œCoplanar Intensity Modulated Arc Techniques for Treatment of Intracranial Multiâ€œFocal Stereotactic Radiosurgery. Medical Physics, 2010, 37, 3309-3309.	3.0	0
149	TH-F-202-00: MRI for Radiation Therapy. Medical Physics, 2016, 43, 3902-3903.	3.0	0
150	SU-F-J-103: Assessment of Liver Tumor Contrast for Radiation Therapy: Inter-Patient and Inter-Sequence Variability. Medical Physics, 2016, 43, 3430-3430.	3.0	0
151	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
152	Clinical Evaluation of Fiducial Marker Pre-Planning for Virtual Bronchoscopic Navigation Implantation in Lung Tumour Patients Treated With CyberKnife. Frontiers in Oncology, 0, 12, .	2.8	0