

# Ning Wen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2287450/publications.pdf>

Version: 2024-02-01

149  
papers

1,828  
citations

318942

23  
h-index

340414

39  
g-index

150  
all docs

150  
docs citations

150  
times ranked

2385  
citing authors

#	ARTICLE	IF	CITATIONS
1	Model refinement increases confidence levels and clinical agreement when commissioning a three-dimensional secondary dose calculation system. <i>Journal of Applied Clinical Medical Physics</i> , 2022, 23, e13590.	0.8	5
2	Two-Stage Approach for Segmenting Gross Tumor Volume in Head and Neck Cancer with CT and PET Imaging. <i>Lecture Notes in Computer Science</i> , 2021, , 22-27.	1.0	4
3	Therapeutic enhancement of radiation and immunomodulation by gold nanoparticles in triple negative breast cancer. <i>Cancer Biology and Therapy</i> , 2021, 22, 124-135.	1.5	28
4	Linac-Based SRS/SBRT Dosimetry. , 2021, , 277-304.		2
5	Clinical utility of Gafchromic film in an MRI-guided linear accelerator. <i>Radiation Oncology</i> , 2021, 16, 117.	1.2	8
6	Abstract 186: Gleason grade group predictions from mp-MRI of prostate cancer patients using auto deep learning. , 2021, , .		0
7	Dosimetric Evaluation of Fractionated Stereotactic Radiation Therapy for Skull Base Meningiomas Using HyperArc and Multicriteria Optimization. <i>Advances in Radiation Oncology</i> , 2021, 6, 100663.	0.6	1
8	How does CBCT reconstruction algorithm impact on deformably mapped targets and accumulated dose distributions?. <i>Journal of Applied Clinical Medical Physics</i> , 2021, 22, 37-48.	0.8	3
9	Impact of MRI Sequence Resolution for Target Volume Definition in Stereotactic Radiosurgery. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 111, e127-e128.	0.4	0
10	Accurate Prostate Cancer Detection and Segmentation Using Non-Local Mask R-CNN With Histopathological Ground Truth. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 111, S45.	0.4	0
11	Automatic Prediction of 3D Radiation Dose Distribution in Prostate Cancer Treated with Volumetric Modulated Arc Therapy (VMAT) Using a Conditional Generative Adversarial Network (cGAN). <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 111, e147.	0.4	0
12	Application of radiomics for the prediction of HPV status for patients with head and neck cancers. <i>Medical Physics</i> , 2020, 47, 563-575.	1.6	32
13	Technical Note: Comparison of the internal target volume (ITV) contours and dose calculations on 4DCT, average CBCT, and 4DCBCT imaging for lung stereotactic body radiation therapy (SBRT). <i>Journal of Applied Clinical Medical Physics</i> , 2020, 21, 288-294.	0.8	3
14	Radiation and Gold Nanoparticle Immunomodulation in MDA MB 231 Mouse Breast Cancer Model. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 108, e545-e546.	0.4	0
15	Utilizing Semi-Supervised Learning and Image Matting in Combination With Mask R-CNN for Accurate Dominant Intraprostatic Lesion Identification and Segmentation on Multiparametric-MRI. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 108, e257.	0.4	0
16	Prediction of Gleason Grade Group of Prostate Cancer on Multiparametric MRI using Deep Machine Learning Models. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 108, E9-E10.	0.4	1
17	Radiation and Gold Nanoparticle Increase the Expression of Immunogenic Cell Death Markers in MDA MB 231 Breast Cancer Model. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 108, E26-E27.	0.4	0
18	Glioblastoma MR Images Synthesis with Generative Adversarial Network. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 108, E28.	0.4	0

#	ARTICLE	IF	CITATIONS
19	An AI-based Issue Analyzing Framework for Clinical QA Workflow. International Journal of Radiation Oncology Biology Physics, 2020, 108, E60.	0.4	0
20	Correlation of normal lung density changes with dose after stereotactic body radiotherapy (SBRT) for early stage lung cancer. Clinical and Translational Radiation Oncology, 2020, 22, 1-8.	0.9	8
21	Segmentation of the Prostatic Gland and the Intraprostatic Lesions on Multiparametric Magnetic Resonance Imaging Using Mask Region-Based Convolutional Neural Networks. Advances in Radiation Oncology, 2020, 5, 473-481.	0.6	35
22	Editorial: Magnetic Resonance Imaging for Radiation Therapy. Frontiers in Oncology, 2020, 10, 483.	1.3	4
23	Improvement of Multiparametric MR Image Segmentation by Augmenting the Data With Generative Adversarial Networks for Glioma Patients. Frontiers in Computational Neuroscience, 2020, 14, 495075.	1.2	12
24	A deep dive into understanding tumor foci classification using multiparametric MRI based on convolutional neural network. Medical Physics, 2020, 47, 4077-4086.	1.6	11
25	Abstract 5302: Molecular subtype stratification for prostate cancer from mpMRI and histopathology images using convolutional neural networks and transfer learning. , 2020, , .		0
26	Modeling AeroForm tissue expander for postmastectomy radiation therapy. Journal of Applied Clinical Medical Physics, 2019, 20, 87-97.	0.8	4
27	Volumetric and Voxel-Wise Analysis of Dominant Intraprostatic Lesions on Multiparametric MRI. Frontiers in Oncology, 2019, 9, 616.	1.3	5
28	BSCI-14. SYNTHETIC METASTATIC BRAIN DISEASE MRI IMAGES CREATED USING A GENERATIVE ADVERSARY NETWORK TO OVERCOME DEEP MACHINE LEARNING CHALLENGES IN HEALTHCARE. Neuro-Oncology Advances, 2019, 1, i3-i4.	0.4	0
29	RT for Patients with Compressed Air Tissue Expanders: Treatment Planning Solutions and Limitations. International Journal of Radiation Oncology Biology Physics, 2019, 105, E780.	0.4	0
30	How Does CBCT Image Quality Impact on Deformably Mapped Targets and Accumulated Dose Distributions?. International Journal of Radiation Oncology Biology Physics, 2019, 105, E723-E724.	0.4	0
31	Gold Nanoparticles as Radiosensitizers in MDA MB 231 Xenograft Mouse Model. International Journal of Radiation Oncology Biology Physics, 2019, 105, E677-E678.	0.4	1
32	Liver Stereotactic Body Radiation Therapy Using Real Time Magnetic Resonance Guidance. International Journal of Radiation Oncology Biology Physics, 2019, 103, E20-E21.	0.4	0
33	Developing a Combined Radiomic/Genomic Signature for Prediction of Survival in Glioblastoma. International Journal of Radiation Oncology Biology Physics, 2019, 105, E103.	0.4	0
34	Utilizing a Deep Learning-Based Object Detection and Instance Segmentation Algorithm for the Delineation of Prostate and Prostate Cancer Segmentation. International Journal of Radiation Oncology Biology Physics, 2019, 105, S197-S198.	0.4	6
35	A Daily QA Phantom for Linear Accelerator with Image-Guided Radiosurgery Capability. International Journal of Radiation Oncology Biology Physics, 2019, 105, E691-E692.	0.4	0
36	Overall Survival Prediction in Glioblastoma Using Clinical Factors Combined with Texture Features Extracted from 3D Convolutional Neural Networks. International Journal of Radiation Oncology Biology Physics, 2019, 103, E49.	0.4	1

#	ARTICLE	IF	CITATIONS
37	Prospective Study of Dominant Intraprostatic Lesion (DIL) Response Before, During, and Post Radiation Treatment using Multi-Parametric MRI Biomarkers. International Journal of Radiation Oncology Biology Physics, 2019, 105, S84.	0.4	0
38	Automatic Segmentation of the Prostate on CT Images Using Deep Neural Networks (DNN). International Journal of Radiation Oncology Biology Physics, 2019, 104, 924-932.	0.4	66
39	Automatic Brain Tumor Segmentation and Overall Survival Prediction Using Machine Learning Algorithms. Lecture Notes in Computer Science, 2019, , 406-418.	1.0	14
40	COMP-03. QUANTITATIVE IMAGE FEATURE ANALYSIS IN DIFFUSE GLIOMA – A VALUABLE MR IMAGING BIOMARKER FOR PREOPERATIVE IDH MUTATION CLASSIFICATION. Neuro-Oncology, 2019, 21, vi61-vi61.	0.6	1
41	Detection of Dominant Intra-prostatic Lesions in Patients With Prostate Cancer Using an Artificial Neural Network and MR Multi-modal Radiomics Analysis. Frontiers in Oncology, 2019, 9, 1313.	1.3	26
42	Evaluation and Clinical Application of a Commercially Available Iterative Reconstruction Algorithm for CBCT-Based IGRT. Technology in Cancer Research and Treatment, 2019, 18, 153303381882305.	0.8	24
43	Abstract 3351: Overall survival prediction of glioblastoma patients combining clinical factors with texture features extracted from 3-D convolutional neural networks. , 2019, , .		2
44	Single institution experience treating adrenal metastases with stereotactic body radiation therapy. Journal of Cancer Research and Therapeutics, 2019, 15, 27.	0.3	11
45	Abstract 4862: Effect of irradiation and gold nanoparticle on expression dynamics of cell surface markers in MDA-MB 231 breast cancer cells. , 2019, , .		0
46	Abstract 4862: Effect of irradiation and gold nanoparticle on expression dynamics of cell surface markers in MDA-MB 231 breast cancer cells. , 2019, , .		0
47	Stereotactic radiosurgery for multiple myeloma of the spine. Journal of Radiation Oncology, 2018, 7, 37-44.	0.7	1
48	Refinement of <sc>MLC</sc> modeling improves commercial <sc>QA</sc> dosimetry system for <sc>SRS</sc> and <sc>SBRT</sc> patient-specific <sc>QA</sc>. Medical Physics, 2018, 45, 1351-1359.	1.6	20
49	An automated dose tracking system for adaptive radiation therapy. Computer Methods and Programs in Biomedicine, 2018, 154, 1-8.	2.6	19
50	Magnetic Resonance Guided Linear Accelerator for Stereotactic Radiosurgery Treatment. International Journal of Radiation Oncology Biology Physics, 2018, 102, e479.	0.4	2
51	Voxel-Based Texture Analysis of Multiparametric MRI for Intraprostatic Tumor Volume Delineation. International Journal of Radiation Oncology Biology Physics, 2018, 102, S102-S103.	0.4	0
52	Prostate Lesion Malignancy Classification from Multiparametric MRI Images Using Convolution Neural Network. International Journal of Radiation Oncology Biology Physics, 2018, 102, e373.	0.4	0
53	Radiomics Analysis of Normal Tissue for Patients with Lung Cancers. International Journal of Radiation Oncology Biology Physics, 2018, 102, e562.	0.4	0
54	Dosimetric Impact of Diaphragm Motion and Dynamic MLC Interplay in Lower Thoracic Spine Radiosurgery. International Journal of Radiation Oncology Biology Physics, 2018, 102, e524.	0.4	0

#	ARTICLE	IF	CITATIONS
55	On the improvement of <scp>CBCT</scp> image quality for soft tissueâ€based <scp>SRS</scp> localization. Journal of Applied Clinical Medical Physics, 2018, 19, 177-184.	0.8	7
56	Cellular Uptake and Radio-sensitization Effect of Small Gold Nanoparticles in MCF-7 Breast Cancer Cells. Journal of Nanomedicine & Nanotechnology, 2018, 09, .	1.1	7
57	Evaluation of a magnetic resonance guided linear accelerator for stereotactic radiosurgery treatment. Radiotherapy and Oncology, 2018, 127, 460-466.	0.3	48
58	(OA39) Integration of MR Guided Linear Accelerator for Treatment of Multiple Brain Metastases With Single-Isocenter Using Stereotactic Radiosurgery. International Journal of Radiation Oncology Biology Physics, 2018, 101, e16-e17.	0.4	0
59	(P57) The Accuracy of Stereotactic Radiosurgery With Cone Beam Computed Tomography Image Guidance for Trigeminal Neuralgia. International Journal of Radiation Oncology Biology Physics, 2018, 101, E42-E43.	0.4	0
60	Evaluation and verification of the <scp>QF</scp>ix Encompass<scp><sup>TM</sup></scp> couch insert for intracranial stereotactic radiosurgery. Journal of Applied Clinical Medical Physics, 2018, 19, 222-229.	0.8	10
61	Multiparametric MRI-based intraprostatic tumor volume delineation in localized prostate cancer.. Journal of Clinical Oncology, 2018, 36, 22-22.	0.8	0
62	Abstract 1376: Effect of gold nanoparticle on radiation induced DNA damage in MCF7 breast cancer cells. , 2018, , .		0
63	Abstract 4539: Examination of zone-based radiomic features for characterization of dominant intraprostatic lesions using MR multi-modal information. , 2018, , .		0
64	Targeting accuracy at couch kick for a frameless image guided radiosurgery system. Journal of Radiosurgery and SBRT, 2018, 5, 123-129.	0.2	0
65	An adaptive model for rapid and direct estimation of extravascular extracellular space in dynamic contrast enhanced MRI studies. NMR in Biomedicine, 2017, 30, e3682.	1.6	5
66	Tuning of Acuros<scp>XB</scp> source size setting for small intracranial targets. Journal of Applied Clinical Medical Physics, 2017, 18, 170-181.	0.8	7
67	A prediction model of radiationâ€induced necrosis for intracranial radiosurgery based on target volume. Medical Physics, 2017, 44, 4360-4367.	1.6	9
68	DCEâ€MRI prediction of survival time for patients with glioblastoma multiforme: using an adaptive neuroâ€fuzzyâ€based model and nested model selection technique. NMR in Biomedicine, 2017, 30, e3739.	1.6	16
69	Detection of Dominant Intraprostatic Lesions in Patients With Prostate Cancer Using an Artificial Neural Network and MR Multimodal Radiomics Analysis. International Journal of Radiation Oncology Biology Physics, 2017, 99, S82-S83.	0.4	4
70	Correlation of Normal Lung Density Changes With Dose After Stereotactic Body Radiation Therapy for Early Stage Lung Cancer. International Journal of Radiation Oncology Biology Physics, 2017, 99, E632.	0.4	0
71	Can Image Quality of Daily CBCT be Improved by a New Reconstructor?. International Journal of Radiation Oncology Biology Physics, 2017, 99, S93.	0.4	0
72	Patient Immobilization for Stereotactic Radiosurgery in the Treatment of Malignancies of the Cervical Spine: 9-Point Mask Versus Non-9-Point Mask Immobilization System. International Journal of Radiation Oncology Biology Physics, 2017, 99, E683-E684.	0.4	0

#	ARTICLE	IF	CITATIONS
73	Technical Note: Evaluation of plastic scintillator detector for small field stereotactic patient-specific quality assurance. <i>Medical Physics</i> , 2017, 44, 5509-5516.	1.6	14
74	A Systematic Analysis of Errors in Target Localization and Treatment Delivery for Stereotactic Radiosurgery Using 2D/3D Image Registration. <i>Technology in Cancer Research and Treatment</i> , 2017, 16, 321-331.	0.8	5
75	Abstract 555: Examination and evaluation of MR radiomics features for characterization of dominant intraprostatic lesions. , 2017, , .		0
76	Treatment verification and delivery. , 2017, , 75-100.		0
77	Imaging simulation for lung cancer IGRT. , 2017, , 21-42.		0
78	Evaluation of gantry speed on image quality and imaging dose for 4D cone-beam CT acquisition. <i>Radiation Oncology</i> , 2016, 11, 98.	1.2	30
79	Technical Note: Evaluation of the systematic accuracy of a frameless, multiple image modality guided, linear accelerator based stereotactic radiosurgery system. <i>Medical Physics</i> , 2016, 43, 2527-2537.	1.6	19
80	Optimization of Treatment Geometry to Reduce Normal Brain Dose in Radiosurgery of Multiple Brain Metastases with Single Isocenter Volumetric Modulated Arc Therapy. <i>Scientific Reports</i> , 2016, 6, 34511.	1.6	34
81	Characterization and evaluation of 2.5 MV electronic portal imaging for accurate localization of intra- and extracranial stereotactic radiosurgery. <i>Journal of Applied Clinical Medical Physics</i> , 2016, 17, 268-284.	0.8	11
82	Deriving detector-specific correction factors for rectangular small fields using a scintillator detector. <i>Journal of Applied Clinical Medical Physics</i> , 2016, 17, 379-391.	0.8	15
83	A Physiologically Nested Pharmacokinetic Model in Dynamic Contrast-Enhanced Magnetic Resonance Imaging for Detection of Dominant Intraprostatic Lesions in Patients With Prostate Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 96, E619.	0.4	0
84	The Projection Summing Optimization Algorithm Can Effectively Reduce Normal Brain Dose in Stereotactic Radiosurgery of Multiple Brain Metastases With Single Isocenter. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 96, E676-E677.	0.4	1
85	Precise film dosimetry for stereotactic radiosurgery and stereotactic body radiotherapy quality assurance using Gafchromic <sup>®</sup> EBT3 films. <i>Radiation Oncology</i> , 2016, 11, 132.	1.2	72
86	To gate or not to gate - dosimetric evaluation comparing Gated vs. ITV-based methodologies in stereotactic ablative body radiotherapy (SABR) treatment of lung cancer. <i>Radiation Oncology</i> , 2016, 11, 125.	1.2	20
87	Targeting Accuracy of Image-Guided Radiosurgery for Intracranial Lesions. <i>Technology in Cancer Research and Treatment</i> , 2016, 15, 243-248.	0.8	19
88	SU-F-T-506: Development and Commissioning of the Effective and Efficient Grid Therapy Using High Dose Rate Flattening Filter Free Beam and Multileaf Collimator. <i>Medical Physics</i> , 2016, 43, 3579-3580.	1.6	0
89	SU-F-T-566: Absolute Film Dosimetry for Stereotactic Radiosurgery and Stereotactic Body Radiotherapy Quality Assurance Using Gafchromic EBT3 Films. <i>Medical Physics</i> , 2016, 43, 3593-3593.	1.6	0
90	SU-F-J-177: A Novel Image Analysis Technique (center Pixel Method) to Quantify End-To-End Tests. <i>Medical Physics</i> , 2016, 43, 3448-3449.	1.6	0

#	ARTICLE	IF	CITATIONS
91	SU-F-J-38: Dose Rates and Preliminary Evaluation of Contouring Similarity Metrics Using 4D Cone Beam CT. Medical Physics, 2016, 43, 3414-3414.	1.6	0
92	SU-F-J-11: Radiobiologically Optimized Patient Localization During Prostate External Beam Localization. Medical Physics, 2016, 43, 3408-3408.	1.6	0
93	SU-G-TeP2-08: Evaluation of Plastic Scintillator Detector for Small Field Stereotactic Patient-Specific Quality Assurance. Medical Physics, 2016, 43, 3664-3664.	1.6	0
94	SU-G-BRC-07: Evaluation of AAA Focal Spot Size for SRS Planning Using End-To-End Dosimetric Data. Medical Physics, 2016, 43, 3628-3628.	1.6	0
95	Characteristics of a novel treatment system for linear accelerator-based stereotactic radiosurgery. Journal of Applied Clinical Medical Physics, 2015, 16, 125-148.	0.8	34
96	Radiobiologically optimized couch shift: A new localization paradigm using cone-beam CT for prostate radiotherapy. Medical Physics, 2015, 42, 6028-6032.	1.6	2
97	Initial clinical experience with a radiation oncology dedicated open 1.0T MR-simulation. Journal of Applied Clinical Medical Physics, 2015, 16, 218-240.	0.8	23
98	Contouring variability of human- and deformable-generated contours in radiotherapy for prostate cancer. Physics in Medicine and Biology, 2015, 60, 4429-4447.	1.6	41
99	MRI-Tracked Tumor Vascular Changes in the Hours after Single-Fraction Irradiation. Radiation Research, 2015, 183, 713.	0.7	33
100	Use of jaw tracking in intensity modulated and volumetric modulated arc radiation therapy for spine stereotactic radiosurgery. Practical Radiation Oncology, 2015, 5, e155-e162.	1.1	15
101	An adaptive MR-CT registration method for MRI-guided prostate cancer radiotherapy. Physics in Medicine and Biology, 2015, 60, 2837-2851.	1.6	28
102	A MLC-based inversely optimized 3D spatially fractionated grid radiotherapy technique. Radiotherapy and Oncology, 2015, 117, 483-486.	0.3	23
103	Implementation of a Novel Algorithm For Generating Synthetic CT Images From Magnetic Resonance Imaging Data Sets for Prostate Cancer Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2015, 91, 39-47.	0.4	90
104	Generation and verification of QFix kVue Calypso-compatible couch top model for a dedicated stereotactic linear accelerator with FFF beams. Journal of Applied Clinical Medical Physics, 2015, 16, 163-180.	0.8	7
105	A novel approach for evaluation of prostate deformation and associated dosimetric implications in IGRT of the prostate. Medical Physics, 2014, 41, 091709.	1.6	18
106	IMRT and RapidArc commissioning of a TrueBeam linear accelerator using TG-119 protocol cases. Journal of Applied Clinical Medical Physics, 2014, 15, 74-88.	0.8	21
107	Prescription to 50-75% isodose line may be optimum for linear accelerator based radiosurgery of cranial lesions. Journal of Radiosurgery and SBRT, 2014, 3, 139-147.	0.2	11
108	Commissioning of the Varian TrueBeam linear accelerator: A multi-institutional study. Medical Physics, 2013, 40, 031719.	1.6	143



#	ARTICLE	IF	CITATIONS
109	Correlation of dose computed using different algorithms with local control following stereotactic ablative radiotherapy (SABR)-based treatment of non-small-cell lung cancer. <i>Radiotherapy and Oncology</i> , 2013, 109, 498-504.	0.3	36
110	An assessment of PTV margin based on actual accumulated dose for prostate cancer radiotherapy. <i>Physics in Medicine and Biology</i> , 2013, 58, 7733-7744.	1.6	22
111	Voxel-based statistical analysis of uncertainties associated with deformable image registration. <i>Physics in Medicine and Biology</i> , 2013, 58, 6481-6494.	1.6	22
112	Using patient-specific phantoms to evaluate deformable image registration algorithms for adaptive radiation therapy. <i>Journal of Applied Clinical Medical Physics</i> , 2013, 14, 177-194.	0.8	40
113	Evaluation of multiple image-based modalities for image-guided radiation therapy (IGRT) of prostate carcinoma: A prospective study. <i>Medical Physics</i> , 2013, 40, 041707.	1.6	66
114	Comprehensive evaluation and clinical implementation of commercially available Monte Carlo dose calculation algorithm. <i>Journal of Applied Clinical Medical Physics</i> , 2013, 14, 127-145.	0.8	20
115	MO-F-108-05: Treatment Planning Study of Volumetric Arc Therapy for Spine Stereotactic Radiosurgery Using Flattening Filter Free Beams. <i>Medical Physics</i> , 2013, 40, 407-407.	1.6	0
116	TU-E-108-06: Investigation of Prostate Deformation and Associated Dosimetric Implications in IMRT of the Prostate. <i>Medical Physics</i> , 2013, 40, 444-444.	1.6	0
117	SU-E-T-478: Prescription to 50-75% Isodose Line May Be Optimum for Linac Radiosurgery of Cranial Lesions. <i>Medical Physics</i> , 2013, 40, 315-315.	1.6	0
118	SU-E-T-126: IMRT and Rapid Arc Commissioning of Truebeam Linear Accelerator Using Gafchromic EBT3 Film. <i>Medical Physics</i> , 2013, 40, 232-233.	1.6	0
119	SU-E-T-416: Targeting Accuracy of a TrueBeam System for Multi-Lesion Cranial Radiosurgery with Single Isocenter. <i>Medical Physics</i> , 2013, 40, 300-300.	1.6	0
120	Evaluation of the deformation and corresponding dosimetric implications in prostate cancer treatment. <i>Physics in Medicine and Biology</i> , 2012, 57, 5361-5379.	1.6	45
121	Clinical Use of Dual Image-Guided Localization System for Spine Radiosurgery. <i>Technology in Cancer Research and Treatment</i> , 2012, 11, 123-131.	0.8	6
122	Practical methods for improving dose distributions in Monte Carlo-based IMRT planning of lung wall-seated tumors treated with SBRT. <i>Journal of Applied Clinical Medical Physics</i> , 2012, 13, 112-125.	0.8	9
123	Clinical commissioning and use of the Novalis Tx linear accelerator for SRS and SBRT. <i>Journal of Applied Clinical Medical Physics</i> , 2012, 13, 124-151.	0.8	40
124	SU-E-J-59: Dual Imaging Guided Localization System for Spine Radiosurgery. <i>Medical Physics</i> , 2012, 39, 3666-3666.	1.6	0
125	SU-E-J-45: Validation of the ExacTrac Virtual Isocenter Based Target Localization Method. <i>Medical Physics</i> , 2012, 39, 3662-3662.	1.6	1
126	TU-E-BRB-10: Dosimetric Consequences of Setup Errors Using CBCT for SBRT Localization. <i>Medical Physics</i> , 2012, 39, 3910-3910.	1.6	0



#	ARTICLE	IF	CITATIONS
127	SU-E-T-197: A Comprehensive Variance Reporting System and an Analysis of Variances Reported at Our Institution. Medical Physics, 2012, 39, 3748-3748.	1.6	0
128	SU-E-T-487: Spatial Assessment of Dose Distributions for Patients with Lung Cancer Treated with Stereotactic Ablative Radiotherapy (SABR). Medical Physics, 2012, 39, 3817-3817.	1.6	0
129	Advances in Treatment Techniques. Cancer Journal (Sudbury, Mass ), 2011, 17, 166-176.	1.0	17
130	SU-E-T-165: Systematic Evaluation of Uncertainties Associated with GAFCHROMIC EBT2 Film Dosimetry for 6MV Photon Beams. Medical Physics, 2011, 38, 3524-3524.	1.6	2
131	SU-E-T-138: Evaluation of GAFCHROMIC® EBT2 Films as An Absolute and Relative Dosimeters in Small Field Dosimetry. Medical Physics, 2011, 38, 3518-3518.	1.6	0
132	SU-E-T-780: Evaluation of Margin-Reduction Using a Framework for Image-Guided Adaptive Radiotherapy (IGART) of Prostate Cancer in the Clinical Setting. Medical Physics, 2011, 38, 3670-3670.	1.6	0
133	MO-D-BRC-04: Low CBCT Dose Measurement for Head Phantom Using XR-QA Film and a Flatbed Scanner. Medical Physics, 2011, 38, 3712-3713.	1.6	0
134	SU-E-T-689: Monte Carlo-Based Optimization for Lung SBRT Treatment Planning. Medical Physics, 2011, 38, 3648-3648.	1.6	0
135	SU-E-T-651: Radiobiological Effect of Target Volume in SBRT of Lung Tumor: Comparison of Treatment Planning Algorithms Between Pencil Beam Algorithm and Monte Carlo Method. Medical Physics, 2011, 38, 3639-3639.	1.6	0
136	TH-E-BRC-11: Practical Methods for Improving Dose Non-Uniformity in Monte Carlo- Based IMRT Planning of Lung Tumors Treated with Stereotactic Body Radiotherapy (SBRT). Medical Physics, 2011, 38, 3871-3871.	1.6	0
137	Dosimetric verification and clinical evaluation of a new commercially available Monte Carlo-based dose algorithm for application in stereotactic body radiation therapy (SBRT) treatment planning. Physics in Medicine and Biology, 2010, 55, 4445-4464.	1.6	66
138	Combining scatter reduction and correction to improve image quality in cone-beam computed tomography (CBCT). Medical Physics, 2010, 37, 5634-5644.	1.6	73
139	SU-GG-I-106: Reconstructing Surface Models from Contours: A Simple Two-Step Algorithm. Medical Physics, 2010, 37, 3125-3125.	1.6	0
140	MO-E-BRA-05: Clinical Issues Associated with the Use of Monte Carlo-Based Prospective Planning for Lung SBRT and Spine SRS Patients. Medical Physics, 2010, 37, 3354-3354.	1.6	0
141	MO-E-BRB-06: Using Generalized Equivalent Uniform Dose to Evaluate Dose Distributions in NSCLC Patients Planned for Stereotactic Body Radiotherapy. Medical Physics, 2010, 37, 3356-3356.	1.6	0
142	SU-FF-J-01: Feasibility of a Pre-Object-Grid to Reduce Scatter and Improve Image Quality in Cone-Beam Computed Tomography (CBCT). Medical Physics, 2009, 36, 2475-2475.	1.6	1
143	SU-FF-J-41: Clinical Management of Detected Target Deviations in IGRT: A Geometrical Approach. Medical Physics, 2009, 36, 2485-2485.	1.6	0
144	WE-E-AUD C-06: 4D Imaging of Lung Cancer Patients Treated with Stereotactic Body Radiotherapy (SBRT): Assessment of Target Volumes. Medical Physics, 2008, 35, 2956-2956.	1.6	0

#	ARTICLE	IF	CITATIONS
145	SU-EE-A2-04: Verification of the Rotational Accuracy of the Brainlab Robotics 6D Couch and the ExacTrac X-Ray 6D Fusion System. Medical Physics, 2008, 35, 2639-2639.	1.6	0
146	Dose delivered from Varian's CBCT to patients receiving IMRT for prostate cancer. Physics in Medicine and Biology, 2007, 52, 2267-2276.	1.6	154
147	SU-FF-T-60: A Simplified Frame Work Using Deep Inspiration Breath-Hold (DIBH) for the Treatment of Left Breast Cancer with Improved Heart Sparing. Medical Physics, 2006, 33, 2062-2062.	1.6	4
148	TH-D-ValB-02: Skin and Body Dose Measurements for Varian Cone-Beam CT (CBCT) During IMRT for Prostate Cancer. Medical Physics, 2006, 33, 2280-2280.	1.6	2
149	Magnetic resonance imagingâ€onlyâ€based radiation treatment planning for simultaneous integrated boost of multiparametric magnetic resonance imagingâ€defined dominant intraprostatic lesions. Precision Radiation Oncology, 0, , .	0.4	0