

# Sotirios Stathakis

## List of Publications by Year in descending order

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135  
papers

1,341  
citations

448610

19  
h-index

511568

30  
g-index

137  
all docs

137  
docs citations

137  
times ranked

1503  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of the Dose Delivery Consistency and Its Dependence on Imaging Modality and Deformable Image Registration Algorithm in Prostate Cancer Patients. Journal of Medical and Biological Engineering, 2022, 42, 74-86.	1.0	2
2	A dosimetric comparative analysis of Brainlab elements and Eclipse RapidArc for spine SBRT treatment planning. Biomedical Physics and Engineering Express, 2022, 8, 025014.	0.6	1
3	Cleaning the dose falloff in lung SBRT plan. Journal of Applied Clinical Medical Physics, 2021, 22, 100-108.	0.8	8
4	Simultaneous exposure to chronic irradiation and simulated microgravity differentially alters immune cell phenotype in mouse thymus and spleen. Life Sciences in Space Research, 2021, 28, 66-73.	1.2	12
5	Output factor measurements with multiple detectors in CyberKnife® Robotic Radiosurgery System. Journal of Cancer Research and Therapeutics, 2021, 17, 870.	0.3	1
6	Quantifying false positional corrections due to facial motion using SGRT with open-face Masks. Journal of Applied Clinical Medical Physics, 2021, 22, 172-183.	0.8	7
7	A detailed experimental and Monte Carlo analysis of gold nanoparticle dose enhancement using 6 MV and 18 MV external beam energies in a macroscopic scale. Applied Radiation and Isotopes, 2021, 171, 109638.	0.7	9
8	On the evaluation of mobile target trajectory between four-dimensional computer tomography and four-dimensional cone-beam computer tomography. Journal of Applied Clinical Medical Physics, 2021, 22, 198-207.	0.8	1
9	A customizable aluminum compensator system for total body irradiation. Journal of Applied Clinical Medical Physics, 2021, 22, 36-44.	0.8	1
10	Implementation of a simple clinical linear accelerator beam model in MCNP6 and comparison with measured beam characteristics. Applied Radiation and Isotopes, 2020, 155, 108925.	0.7	4
11	Definitive single fraction stereotactic ablative radiotherapy for inoperable early-stage breast cancer: A case report. Reports of Practical Oncology and Radiotherapy, 2020, 25, 760-764.	0.3	4
12	Patient-specific dose quality assurance of single-isocenter multiple brain metastasis stereotactic radiosurgery using PTW Octavius 4D. Journal of Applied Clinical Medical Physics, 2020, 21, 107-115.	0.8	8
13	An open-source tool to visualize potential cone collisions while planning SRS cases. Journal of Applied Clinical Medical Physics, 2020, 21, 40-47.	0.8	1
14	Incorporating biological modeling into patient-specific plan verification. Journal of Applied Clinical Medical Physics, 2020, 21, 94-107.	0.8	0
15	Dose calculation comparisons between three modern treatment planning systems. Journal of Medical Physics, 2020, 45, 143.	0.1	10
16	Objective assessment of the quality and accuracy of deformable image registration. Journal of Medical Physics, 2020, 45, 156.	0.1	0
17	Use of 3D biological effective dose (BED) for optimizing multi-target liver cancer treatments. Australasian Physical and Engineering Sciences in Medicine, 2019, 42, 711-718.	1.4	0
18	Radiosurgery for mesial temporal lobe epilepsy following ROSE trial guidelines – A planning comparison between Gamma Knife, Eclipse, and Brainlab. Journal of Applied Clinical Medical Physics, 2019, 20, 134-141.	0.8	1

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19	Evaluation of the Elekta Agility <scp>MLC</scp> performance using high-resolution log files. Medical Physics, 2019, 46, 1397-1407.	1.6	18
20	VMAT Optimization and Dose Calculation in the Presence of Metallic Hip Prostheses. Technology in Cancer Research and Treatment, 2019, 18, 153303381989225.	0.8	9
21	Treatment planning dose accuracy improvement in the presence of dental implants. Medical Dosimetry, 2019, 44, 159-166.	0.4	6
22	A dosimetric analysis of a spine SBRT specific treatment planning system. Journal of Applied Clinical Medical Physics, 2019, 20, 154-159.	0.8	15
23	Correlation between biological effective dose and radiation-induced liver disease from hypofractionated radiotherapy. Journal of Medical Physics, 2019, 44, 185.	0.1	3
24	Physical and Radiobiological Evaluation of Accelerated Intensity Modulated Radiotherapy for Locally Advanced Head and Neck Cancer and Comparison with Short-Term Clinical Outcomes. Asian Pacific Journal of Cancer Prevention, 2019, 20, 2463-2470.	0.5	0
25	Clinical Evaluation of a Two-dimensional Liquid-Filled Ion chamber Detector Array for Verification of High Modulation Small Fields in Radiotherapy. Journal of Medical Physics, 2019, 44, 91-98.	0.1	2
26	A dosimetric comparison between volumetric-modulated arc therapy and dynamic conformal arc therapy in SBRT. Jbuon, 2019, 24, 838-843.	0.3	5
27	Technical Note: A planning technique to lower normal tissue toxicity in lung <scp>SBRT</scp> plans based on two likely dependent <scp>RTOG</scp> metrics. Medical Physics, 2018, 45, 2325-2328.	1.6	11
28	Three-dimensional cluster formation and structure in heterogeneous dose distribution of intensity modulated radiation therapy. Radiotherapy and Oncology, 2018, 127, 197-205.	0.3	5
29	Evaluation and comparison of second-check monitor unit calculation software with Pinnacle 3 treatment planning system. Physica Medica, 2018, 45, 186-191.	0.4	6
30	Robust optimization in lung treatment plans accounting for geometric uncertainty. Journal of Applied Clinical Medical Physics, 2018, 19, 19-26.	0.8	30
31	Clinical analysis of the approximate, 3-dimensional, biological effective dose equation in multiphase treatment plans. Medical Dosimetry, 2018, 43, 11-22.	0.4	1
32	Dosimetric and localization accuracy of Elekta high definition dynamic radiosurgery. Physica Medica, 2018, 54, 146-151.	0.4	13
33	Use of lung treatment plans to evaluate DIR algorithms. Australasian Physical and Engineering Sciences in Medicine, 2018, 41, 837-845.	1.4	0
34	Suppression of ribosomal protein RPS6KB1 by Nexrutine increases sensitivity of prostate tumors to radiation. Cancer Letters, 2018, 433, 232-241.	3.2	19
35	DNA double-strand breaks as a method of radiation measurements for therapeutic beams. Medical Physics, 2018, 45, 3460-3465.	1.6	14
36	A method to predict patient-specific table coordinates for quality assurance in external beam radiation therapy. Journal of Applied Clinical Medical Physics, 2018, 19, 625-631.	0.8	3

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37	A dose falloff gradient study in RapidArc planning of lung stereotactic body radiation therapy. Journal of Medical Physics, 2018, 43, 147.	0.1	11
38	Dosimetric and Radiobiological Evaluation of Patient Setup Accuracy in Head-and-neck Radiotherapy Using Daily Computed Tomography-on-rails-based Corrections. Journal of Medical Physics, 2018, 43, 28-40.	0.1	0
39	Advanced Small Animal Conformal Radiation Therapy Device. Technology in Cancer Research and Treatment, 2017, 16, 45-56.	0.8	23
40	Therapeutic benefits in grid irradiation on Tomotherapy for bulky, radiation-resistant tumors. Acta Oncologica, 2017, 56, 1043-1047.	0.8	11
41	Investigation of error detection capabilities of phantom, <scp>EPID</scp> and <scp>MLC</scp> log file based <scp>IMRT QA</scp> methods. Journal of Applied Clinical Medical Physics, 2017, 18, 172-179.	0.8	27
42	Dosimetric validation of Monaco treatment planning system on an Elekta Versa<scp>HD</scp> linear accelerator. Journal of Applied Clinical Medical Physics, 2017, 18, 123-129.	0.8	19
43	Study of Image Qualities From 6D Robotâ€‘Based CBCT Imaging System of Small Animal Irradiator. Technology in Cancer Research and Treatment, 2017, 16, 811-818.	0.8	4
44	Radiobiological evaluation of prostate cancer IMRT and conformal-RT plans using different treatment protocols. Physica Medica, 2017, 40, 33-41.	0.4	10
45	Dosimetric and radiobiological comparison for quality assurance ofIMRTandVMATplans. Journal of Applied Clinical Medical Physics, 2017, 18, 237-244.	0.8	8
46	A Systematic Analysis of 2 Monoisocentric Techniques for the Treatment of Multiple Brain Metastases. Technology in Cancer Research and Treatment, 2017, 16, 639-644.	0.8	21
47	Helical tomotherapy to LINAC plan conversion utilizing RayStation Fallback planning. Journal of Applied Clinical Medical Physics, 2017, 18, 178-185.	0.8	6
48	Commissioning an Elekta Versa HD linear accelerator. Journal of Applied Clinical Medical Physics, 2016, 17, 179-191.	0.8	39
49	Pinnacle<sup>3</sup> modeling and endâ€‘toâ€‘end dosimetric testing of a Versa HD linear accelerator with the Agility head and flattening filterâ€‘free modes. Journal of Applied Clinical Medical Physics, 2016, 17, 192-206.	0.8	6
50	Effect of electron contamination on <i>in vivo</i> dosimetry for lung block shielding during TBI. Journal of Applied Clinical Medical Physics, 2016, 17, 486-491.	0.8	6
51	The level of detail required in a deformable phantom to accurately perform quality assurance of deformable image registration. Physics in Medicine and Biology, 2016, 61, 6269-6280.	1.6	7
52	Prediction of lung tumor motion extent through artificial neural network (ANN) using tumor size and location data. Biomedical Physics and Engineering Express, 2016, 2, 025012.	0.6	6
53	A graphical user interface (GUI) toolkit for the calculation of three-dimensional (3D) multi-phase biological effective dose (BED) distributions including statistical analyses. Computer Methods and Programs in Biomedicine, 2016, 131, 1-12.	2.6	2
54	Comparison of composite prostate radiotherapy plan doses with dependent and independent boost phases. Australasian Physical and Engineering Sciences in Medicine, 2016, 39, 727-733.	1.4	0

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55	Assessment of Lung Tumour Motion and Volume Size Dependencies Using Various Evaluation Measures. <i>Journal of Medical Imaging and Radiation Sciences</i> , 2016, 47, 30-42.e1.	0.2	2
56	Flattening filter-free accelerators: a report from the AAPM Therapy Emerging Technology Assessment Work Group. <i>Journal of Applied Clinical Medical Physics</i> , 2015, 16, 12-29.	0.8	144
57	Evaluation of Dosimetry Check software for IMRT patient-specific quality assurance. <i>Journal of Applied Clinical Medical Physics</i> , 2015, 16, 329-338.	0.8	20
58	Anatomy-based, patient-specific VMAT QA using EPID or MLC log files. <i>Journal of Applied Clinical Medical Physics</i> , 2015, 16, 206-215.	0.8	28
59	Reduction of motion, truncation and flow artifacts using BLADE sequences in cervical spine MR imaging. <i>Magnetic Resonance Imaging</i> , 2015, 33, 194-200.	1.0	10
60	Patient specific IMRT quality assurance with film, ionization chamber and detector arrays: Our institutional experience. <i>Radiation Physics and Chemistry</i> , 2015, 115, 12-16.	1.4	7
61	Dosimetric comparison of water phantoms, ion chambers, and data acquisition modes for LINAC characterization. <i>Radiation Measurements</i> , 2015, 82, 108-114.	0.7	4
62	Pediatric Cranio-spinal Axis Irradiation. <i>Technology in Cancer Research and Treatment</i> , 2015, 14, 169-180.	0.8	8
63	Stereotactic body radiation therapy patient specific quality assurance using a two-dimensional array at extended source to surface distance. <i>Journal of B U on</i> , 2015, 20, 1154-63.	0.4	1
64	Characterization of a two-dimensional liquid-filled ion chamber detector array used for verification of the treatments in radiotherapy. <i>Medical Physics</i> , 2014, 41, 051704.	1.6	32
65	Patient Specific Pre-Treatment QA Verification Using an EPID Approach. <i>Technology in Cancer Research and Treatment</i> , 2014, 13, 1-10.	0.8	19
66	Practical aspects and uncertainty analysis of biological effective dose (BED) regarding its three-dimensional calculation in multiphase radiotherapy treatment plans. <i>Medical Physics</i> , 2014, 41, 071707.	1.6	4
67	Radiobiologic comparison of helical tomotherapy, intensity modulated radiotherapy, and conformal radiotherapy in treating lung cancer accounting for secondary malignancy risks. <i>Medical Dosimetry</i> , 2014, 39, 337-347.	0.4	4
68	$\hat{\beta}^+$ index: A new evaluation parameter for quantitative quality assurance. <i>Computer Methods and Programs in Biomedicine</i> , 2014, 114, 60-69.	2.6	5
69	Comparison of Different Fractionation Schedules Toward a Single Fraction in High-Dose-Rate Brachytherapy as Monotherapy for Low-Risk Prostate Cancer Using 3-Dimensional Radiobiological Models. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 88, 216-223.	0.4	13
70	Comparing conformal, arc radiotherapy and helical tomotherapy in craniospinal irradiation planning. <i>Journal of Applied Clinical Medical Physics</i> , 2014, 15, 12-28.	0.8	23
71	VMAT monthly QA using two techniques: 2D ion chamber array with an isocentric gantry mount and an in vivo dosimetric device attached to gantry. <i>Journal of Radiotherapy in Practice</i> , 2014, 13, 240-246.	0.2	5
72	Evaluation of the generalized gamma as a tool for treatment planning optimization. <i>International Journal of Cancer Therapy and Oncology</i> , 2014, 2, 020418.	0.2	2

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73	Comparison of BLADE and conventional T2-TSE sequences for the sagittal visualization of the cervical spinal cord in multiple sclerosis patients – A case report. <i>Magnetic Resonance Imaging</i> , 2013, 31, 1766-1770.	1.0	1
74	Evaluation of localization errors for craniospinal axis irradiation delivery using volume modulated arc therapy and proposal of a technique to minimize such errors. <i>Radiotherapy and Oncology</i> , 2013, 108, 107-113.	0.3	32
75	Application of an independent dose calculation software for estimating the impact of inter-fractional setup shifts in Helical Tomotherapy treatments. <i>Physica Medica</i> , 2013, 29, 615-623.	0.4	3
76	Elimination of motion, pulsatile flow and cross-talk artifacts using blade sequences in lumbar spine MR imaging. <i>Magnetic Resonance Imaging</i> , 2013, 31, 882-890.	1.0	11
77	Comparison of PD BLADE with fat saturation (FS), PD FS and T2 3D DESS with water excitation (WE) in detecting articular knee cartilage defects. <i>Magnetic Resonance Imaging</i> , 2013, 31, 1255-1262.	1.0	8
78	Radiobiological comparison of single and dual-isotope prostate seed implants. <i>Journal of Radiotherapy in Practice</i> , 2013, 12, 154-162.	0.2	1
79	Inclusion of radiobiological factors in prostate brachytherapy treatment planning. <i>Journal of Radiotherapy in Practice</i> , 2013, 12, 163-172.	0.2	1
80	Characterization of a novel 2D array dosimeter for patient-specific quality assurance with volumetric arc therapy. <i>Medical Physics</i> , 2013, 40, 071731.	1.6	40
81	Dosimetric Comparison of Craniospinal Axis Irradiation (CSI) Treatments Using Helical Tomotherapy, Smartarc <sup>TM</sup> , and 3D Conventional Radiation Therapy. <i>International Journal of Medical Physics, Clinical Engineering and Radiation Oncology</i> , 2013, 02, 30-38.	0.3	11
82	SU-E-T-299: Sensitivity Analysis of the Radiobiological Parameters Used to Examine the Effectiveness of Different Fractionation Schedules in Prostate Cancer HDR Brachytherapy. <i>Medical Physics</i> , 2013, 40, 273-273.	1.6	0
83	SU-E-I-69: Improving Image Quality in Brain MRI Using Blade Sequences. <i>Medical Physics</i> , 2013, 40, 141-141.	1.6	0
84	SU-E-T-323: Characterization of the Two-Dimensional Liquid Field Ion Chamber Detector Array Used for the Verification of the Treatments in Radiation Therapy. <i>Medical Physics</i> , 2013, 40, 278-278.	1.6	0
85	SU-E-T-226: SRT/SBRT Patient Specific QA with a New High Resolution 2D Detector Array. <i>Medical Physics</i> , 2013, 40, 256-256.	1.6	0
86	SU-E-T-212: To Evaluate Significance of Gamma Index Between the Measurement of 2D Detector Arrays and the Calculated Patient 3D Dose Distribution. <i>Medical Physics</i> , 2013, 40, 253-253.	1.6	0
87	3D Dose Reconstruction of Pretreatment Verification Plans Using Multiple 2D Planes from the OCTAVIUS/Seven29 Phantom Array. <i>Technology in Cancer Research and Treatment</i> , 2012, 11, 69-82.	0.8	4
88	Investigating the dosimetric and tumor control consequences of prostate seed loss and migration. <i>Medical Physics</i> , 2012, 39, 3291-3298.	1.6	9
89	Monte Carlo modeling of a Novalis TX Varian 6 MV with HD $\times$ 120 multileaf collimator. <i>Journal of Applied Clinical Medical Physics</i> , 2012, 13, 300-313.	0.8	18
90	On the quantification of the dosimetric accuracy of collapsed cone convolution superposition (CCCS) algorithm for small lung volumes using IMRT. <i>Journal of Applied Clinical Medical Physics</i> , 2012, 13, 43-59.	0.8	23

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91	Performance of independent dose calculation in helical tomotherapy: implementation of the MCSIM code. Australasian Physical and Engineering Sciences in Medicine, 2012, 35, 423-438.	1.4	2
92	Evaluation of PTW Seven29 for tomotherapy patient-specific quality assurance and comparison with ScandiDos Delta4. Journal of Medical Physics, 2012, 37, 72.	0.1	12
93	WE-G-BRCD-05: Evaluation of Localization Errors for CSA Delivery Using VMAT. Medical Physics, 2012, 39, 3965-3965.	1.6	0
94	SU-E-T-465: Exploring the Dosimetric and Tumor Control Consequences of Prostate Seed Loss and Migration. Medical Physics, 2012, 39, 3812-3812.	1.6	0
95	SU-E-T-387: Validation of a New System for Patient Specific IMRT QA and Comparison with Other Commercial Systems. Medical Physics, 2012, 39, 3793-3793.	1.6	0
96	SU-E-T-517: Characterization of Relative Doses and Source Strengths for Various Plaque Sizes and Tumor Dimensions in the Treatment of Uveal Melanoma. Medical Physics, 2012, 39, 3824-3824.	1.6	0
97	Clinical Investigations Radiobiologically based treatment plan evaluation for prostate seed implants. Journal of Contemporary Brachytherapy, 2011, 2, 74-83.	0.4	0
98	Evaluation of the effect of prostate volume change on tumor control probability in LDR brachytherapy. Journal of Contemporary Brachytherapy, 2011, 3, 125-130.	0.4	5
99	Consistency and reproducibility of the VMAT plan delivery using three independent validation methods. Journal of Applied Clinical Medical Physics, 2011, 12, 129-140.	0.8	23
100	Comparison of four commercial devices for RapidArc and sliding window IMRT QA. Journal of Applied Clinical Medical Physics, 2011, 12, 338-349.	0.8	60
101	Rectal Dose Constraints for Intensity Modulated Radiation Therapy of the Prostate. American Journal of Clinical Oncology: Cancer Clinical Trials, 2011, 34, 188-195.	0.6	12
102	Clinical Evaluation of an Immobilization System for Stereotactic Body Radiotherapy Using Helical Tomotherapy. Medical Dosimetry, 2011, 36, 126-129.	0.4	13
103	Radiobiological and Dosimetric Analysis of Daily Megavoltage CT Registration on Adaptive Radiotherapy with Helical Tomotherapy. Technology in Cancer Research and Treatment, 2011, 10, 1-13.	0.8	7
104	SU-E-T-61: IMRT Patient QA with Dosimetry Check: The Effect of Detector Selection in Volumetric Dose Reconstruction. Medical Physics, 2011, 38, 3499-3499.	1.6	0
105	SU-E-T-91: VMAT Monthly Quality Assurance Using an in Vivo Dosimetric Device Attached to the Linac Gantry. Medical Physics, 2011, 38, 3506-3506.	1.6	0
106	Evaluation of a commercially available block for spatially fractionated radiation therapy. Journal of Applied Clinical Medical Physics, 2010, 11, 2-11.	0.8	32
107	Dosimetric comparison between 3D conformal and intensity-modulated radiation therapy for prostate cancer. Journal of Radiotherapy in Practice, 2010, 9, 77-85.	0.2	4
108	The inter- and intrafraction reproducibilities of three common IMRT delivery techniques. Medical Physics, 2010, 37, 4854-4860.	1.6	11

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109	MU-Tomo: Independent Dose Validation Software for Helical TomoTherapy. Journal of Cancer Science & Therapy, 2010, 02, 145-152.	1.7	12
110	SU-CC-CT-292: Comparison of Helical TomoTherapy Patient Quality Assurance Using PTW Seven29 and ScandiDos Delta4. Medical Physics, 2010, 37, 3253-3253.	1.6	0
111	SU-CC-CT-314: Daily Evaluation of in Vivo Dose Verification Device. Medical Physics, 2010, 37, 3258-3258.	1.6	0
112	SU-GG-I-88: Physics Performance Comparisons between 256-Slice, 64-Slice and 16-Slice CT Scanners in the Clinic. Medical Physics, 2010, 37, 3121-3121.	1.6	0
113	SU-GG-T-503: Do Stricter IMRT Planning Constraints Produce Better Radiobiological Results?. Medical Physics, 2010, 37, 3302-3302.	1.6	0
114	Expected clinical impact of the differences between planned and delivered dose distributions in helical tomotherapy for treating head and neck cancer using helical megavoltage CT images. Journal of Applied Clinical Medical Physics, 2009, 10, 125-139.	0.8	7
115	Dose calculation algorithms in the context of inhomogeneity corrections for high energy photon beams. Medical Physics, 2009, 36, 4765-4775.	1.6	33
116	A Prediction Study on Radiation-induced Second Malignancies for IMRT Treatment Delivery. Technology in Cancer Research and Treatment, 2009, 8, 141-147.	0.8	19
117	Monte Carlo Modeling and Commissioning of a Dual-layer Micro Multileaf Collimator. Technology in Cancer Research and Treatment, 2009, 8, 105-114.	0.8	3
118	Treatment planning and delivery of IMRT using 6 and 18MV photon beams without flattening filter. Applied Radiation and Isotopes, 2009, 67, 1629-1637.	0.7	62
119	Dosimetric evaluation of multi-pattern spatially fractionated radiation therapy using a multi-leaf collimator and collapsed cone convolution superposition dose calculation algorithm. Applied Radiation and Isotopes, 2009, 67, 1939-1944.	0.7	12
120	Spatial registration of temporally separated whole breast 3D ultrasound images. Medical Physics, 2009, 36, 4288-4300.	1.6	8
121	SU-FF-T-99: Impact of Proper Bladder and Rectum Delineation in the Evaluation of the Effectiveness of IMRT in Prostate Cancer Radiotherapy. Medical Physics, 2009, 36, 2542-2542.	1.6	0
122	MO-EE-A3-06: Comparison of Pre- and Post-Implant Prostate Volume Segmentation Using Trans-Rectal Ultrasound and Computed Tomography. Medical Physics, 2009, 36, 2705-2705.	1.6	0
123	SU-FF-T-140: The Inter- and Intra-Fraction Reproducibility of Three Common IMRT Delivery Techniques. Medical Physics, 2009, 36, 2552-2552.	1.6	0
124	SU-FF-T-540: Assessment of Clinical Response Factors of Acoustic Neuromas After Gamma Knife Treatment. Medical Physics, 2009, 36, 2648-2648.	1.6	0
125	SU-FF-T-337: Use of GAFCHROMIC® EBT Film for In-Water Measurements of Surface Dose of Build Up Region, and Other Dosimetric Parameters Using 6, 9, 12, 16, and 20 MeV Electron Beams. Medical Physics, 2009, 36, 2599-2599.	1.6	0
126	SU-FF-T-513: DVM Vs. DMH in Lung Cancer Radiotherapy. Medical Physics, 2009, 36, 2641-2642.	1.6	0



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127	SU-FF-T-461: Dosimetric Evaluation of a 120-MLC Plan Delivered On a 80-MLC Linear Accelerator. Medical Physics, 2009, 36, 2629-2629.	1.6	1
128	SU-FF-T-520: Is IMRT Better Than 3D Conformal Therapy for Prostate Cancer? A Radiobiological Comparison. Medical Physics, 2009, 36, 2643-2643.	1.6	0
129	Ultrasound of the Fingers for Human Identification Using Biometrics. Ultrasound in Medicine and Biology, 2008, 34, 392-399.	0.7	11
130	Dosimetric and radiobiological evaluation of dose distribution perturbation due to head heterogeneities for Linac and Gamma Knife stereotactic radiotherapy. Acta Oncologica, 2008, 47, 917-927.	0.8	11
131	SU-EGG-173: Investigation of the Transmission Detectors for Daily Dose Verification and QA of IMRT Treatments. Medical Physics, 2008, 35, 2765-2765.	1.6	0
132	Monte Carlo determination of radiation-induced cancer risks for prostate patients undergoing intensity-modulated radiation therapy. Journal of Applied Clinical Medical Physics, 2007, 8, 14-27.	0.8	35
133	An inhomogeneity correction algorithm for irregular fields of high-energy photon beams based on Clarkson integration and the 3D beam subtraction method. Journal of Applied Clinical Medical Physics, 2006, 7, 1-13.	0.8	4
134	An inhomogeneity correction algorithm for irregular fields of high-energy photon beams based on Clarkson integration and the 3D beam subtraction method. Journal of Applied Clinical Medical Physics, 2006, 7, 1-13.	0.8	12
135	Computational simulator that calculates tumor control probability in a tumor heterogeneously irradiated for fractionated radiation oncology treatments. Simulation, 0, , 003754972110394.	1.1	1