

Devon Godfrey

List of Publications by Year in descending order

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54
papers

381
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1464605

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993246

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535
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#	ARTICLE	IF	CITATIONS
1	A Pooled Toxicity Analysis of Moderately Hypofractionated Proton Beam Therapy and Intensity Modulated Radiation Therapy in Early-Stage Prostate Cancer Patients. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 1082-1089.	0.4	19
2	Effect of Large Prostate Volume on Efficacy and Toxicity of Moderately Hypofractionated Radiotherapy In Patients with Prostate Cancer. <i>Advances in Radiation Oncology</i> , 2021, 7, 100805.	0.6	2
3	Local Tumor Control and Patient Outcome Using Stereotactic Body Radiation Therapy for Hepatocellular Carcinoma: iRECIST as a Potential Substitute for Traditional Criteria. <i>American Journal of Roentgenology</i> , 2019, 213, 1232-1239.	1.0	9
4	Radiation Therapy for Pancreatic Cancer: Executive Summary of an ASTRO Clinical Practice Guideline. <i>Practical Radiation Oncology</i> , 2019, 9, 322-332.	1.1	121
5	Evaluation of Post-Stereotactic Body Radiation Therapy Response Assessment for Hepatocellular Carcinoma: An Appraisal of RECIST, m-RECIST and WHO Criteria. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, e53.	0.4	1
6	The Impact of Biologically Equivalent Dose on Tumor Control in Unresectable Hepatocellular Carcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, E188-E189.	0.4	0
7	Intensity-Modulated Radiotherapy. , 2013, , 749-759.		0
8	Digital Tomosynthesis for Respiratory Gated Liver Treatment: Clinical Feasibility for Daily Image Guidance. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 79, 289-296.	0.4	8
9	MO-D-BRC-07: Reducing Artifacts in Cone-Beam CT Images Caused by the Presence of An Array Used for Tracking Transponders during Radiotherapy. <i>Medical Physics</i> , 2011, 38, 3713-3713.	1.6	2
10	SU-E-J-153: Tracking Respiratory Motion in CBCT Projection Images Using an Integrated Optical Flow (IOF) Method. <i>Medical Physics</i> , 2011, 38, 3478-3478.	1.6	0
11	SU-GG-I-24: Improving IGRT Efficiency Using GPU-Based Ultrafast Reconstruction of DTS/CBCT and DRR. <i>Medical Physics</i> , 2010, 37, 3106-3106.	1.6	0
12	Clinical Evaluation of Positioning Verification Using Digital Tomosynthesis and Bony Anatomy and Soft Tissues for Prostate Image-Guided Radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 73, 296-305.	0.4	23
13	TH-A-211A-01: Digital Tomosynthesis for Target Localization. <i>Medical Physics</i> , 2009, 36, 2790-2791.	1.6	0
14	A Novel Digital Tomosynthesis (DTS) Reconstruction Method using Prior Information and a Deformation Model. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008, 72, S109.	0.4	0
15	An Implantable MOSFET Dosimeter for the Measurement of Radiation Dose in Tissue During Cancer Therapy. <i>IEEE Sensors Journal</i> , 2008, 8, 38-51.	2.4	40
16	On-board four-dimensional digital tomosynthesis: First experimental results. <i>Medical Physics</i> , 2008, 35, 3574-3583.	1.6	38
17	TU-EE-A3-03: On-Board Four-Dimensional Digital Tomosynthesis (4D-DTS): Optimization of Respiratory Motion Dependent Acquisition and Reconstruction Parameters. <i>Medical Physics</i> , 2008, 35, 2912-2913.	1.6	0
18	SU-GG-I-53: The Impact of Scan Angles On the Visibility of Anatomy in On-Board Digital Tomosynthesis (DTS) Images for Head and Neck Cancer Patients: A Single-Observer Study. <i>Medical Physics</i> , 2008, 35, 2654-2654.	1.6	0

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19	SU-GG-I-52: Conversion of On-Board Digital Tomosynthesis (DTS) to HU Values. Medical Physics, 2008, 35, 2654-2654.	1.6	0
20	SU-GG-I-119: Localization Accuracy of Target Verification System Using Digital Tomosynthesis (DTS). Medical Physics, 2008, 35, 2706-2706.	1.6	1
21	SU-GG-I-94: Feasibility Study On the Efficacy of Dual Energy Cine Imaging in Radiation Therapy for Lung Cancer. Medical Physics, 2008, 35, 2700-2700.	1.6	0
22	SU-GG-I-93: Feasibility Study On Artifact Reduction Using Dual Energy Digital Tomosynthesis. Medical Physics, 2008, 35, 2700-2700.	1.6	0
23	TH-D-351-02: A Novel Digital Tomosynthesis (DTS) Reconstruction Method Using Prior Information and a Deformation Model. Medical Physics, 2008, 35, 2989-2989.	1.6	2
24	Initial application of digital tomosynthesis to improve brachytherapy treatment planning. , 2007, , .		0
25	A Preliminary Investigation of Dual Energy Subtraction Imaging for Improved Target Localization in the Thorax. International Journal of Radiation Oncology Biology Physics, 2007, 69, S491-S492.	0.4	0
26	The Effect of Scan Angle on Target Localization Accuracy Using Digital Tomosynthesis. International Journal of Radiation Oncology Biology Physics, 2007, 69, S628-S629.	0.4	0
27	Implementation of Digital Tomosynthesis for On-Board Target Localization of Radiotherapy. International Journal of Radiation Oncology Biology Physics, 2007, 69, S633-S634.	0.4	0
28	Clinical Evaluation of Digital Tomosynthesis in Positioning Verification Based on Bony Anatomy and Soft-Tissue for Prostate IMRT Treatment. International Journal of Radiation Oncology Biology Physics, 2007, 69, S640-S641.	0.4	0
29	A Preliminary Investigation of Dual Energy (DE) Subtraction Imaging for Improved Soft-Tissue Localization in the Pelvis. International Journal of Radiation Oncology Biology Physics, 2007, 69, S660-S661.	0.4	0
30	Automatic Registration Between Reference and On-Board Digital Tomosynthesis for Target Localization of Head and Neck Treatment. International Journal of Radiation Oncology Biology Physics, 2007, 69, S682.	0.4	1
31	Clinical Evaluation of Digital Tomosynthesis for Target Localization in Breath-Hold Liver Treatment. International Journal of Radiation Oncology Biology Physics, 2007, 69, S129-S130.	0.4	7
32	WE-E-1100F-01: 3D Interfraction Position Verification for Patients Undergoing Partial Breast Irradiation: Comparing Digital Tomosynthesis to Cone-Beam CT. Medical Physics, 2007, 34, 2607-2607.	1.6	4
33	WE-E-104: Radiation Characteristics and Hypofractionation Dose Response for the DVS Implantable MOSFET Dosimeter. Medical Physics, 2007, 34, 2610-2610.	1.6	1
34	SU-FF-J-58: Clinical Evaluation Using Digital Tomosynthesis for Positioning Verification of Breath-Hold Liver Treatment. Medical Physics, 2007, 34, 2381-2381.	1.6	0
35	SU-FF-I-39: Development of Clinical Application Platform Using Digital Tomosynthesis for Target Localization. Medical Physics, 2007, 34, 2346-2347.	1.6	0
36	SU-FF-I-54: A Hybrid Multiresolution Method for Automatic Registration Between Reference and On Board Digital Tomosynthesis. Medical Physics, 2007, 34, 2380-2380.	1.6	1

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37	2726. International Journal of Radiation Oncology Biology Physics, 2006, 66, S613-S614.	0.4	1
38	1025. International Journal of Radiation Oncology Biology Physics, 2006, 66, S143-S144.	0.4	0
39	SU-CC-ValA-01: Automatic Comparison Between Reference and On Board Digital Tomosynthesis for Target Localization. Medical Physics, 2006, 33, 1982-1982.	1.6	1
40	TH-C-330A-05: Analysis of the Point Spread Function of Isocentric Digital Tomosynthesis (DTS). Medical Physics, 2006, 33, 2266-2266.	1.6	3
41	TH-C-ValB-05: Rapid Low-Dose 3D Image-Guided Treatment Verification of Sites Prone to Respiratory Motion Using Breath-Hold On-Board Digital Tomosynthesis (DTS). Medical Physics, 2006, 33, 2268-2269.	1.6	3
42	SU-FF-I-19: A Study of Megavoltage Beam Tomosynthesis. Medical Physics, 2006, 33, 2001-2001.	1.6	1
43	SU-FF-J-118: Respiration Phase-Based Cone-Beam Computed Tomography (CBCT) Reconstruction. Medical Physics, 2006, 33, 2047-2047.	1.6	0
44	MO-A-224C-01: Daily Localization I: KV/CBCT. Medical Physics, 2006, 33, 2155-2155.	1.6	0
45	Initial application of digital tomosynthesis with on-board imaging in radiation oncology. , 2005, 5745, 1300.		6
46	Assessment of Setup Accuracy for Prostate Radiotherapy using On-board Imaging and Cone Beam Computed Tomography. International Journal of Radiation Oncology Biology Physics, 2005, 63, S535.	0.4	2
47	Online Digital Tomosynthesis (DTS): A Novel Technique for Improving Target Localization in Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2005, 63, S556.	0.4	0
48	SU-FF-J-57: Digital Tomosynthesis for Verification of Radiation Therapy Positioning: Preliminary Results From a Kilovoltage On-Board Imaging System. Medical Physics, 2005, 32, 1932-1932.	1.6	1
49	MO-D-I-6B-04: Matrix Inversion Tomosynthesis (MITS) Imaging of the Chest. Medical Physics, 2005, 32, 2058-2058.	1.6	0
50	Practical strategies for the clinical implementation of matrix inversion tomosynthesis (MITS). , 2003, , .		24
51	Optimization of matrix inverse tomosynthesis. , 2001, 4320, 696.		20
52	Applications of matrix inversion tomosynthesis. , 2000, , .		32
53	Frequency-domain technique for optical property measurements in moderately scattering media. Optics Letters, 2000, 25, 7.	1.7	5
54	<title>Application of frequency domain techniques to samples with moderate scatter</title>. , 1999, , .		2