William F Sensakovic

List of Publications by Year
in descending order

73	721	687363 13	552781 26
papers	citations	h-index	g-index

73	73	73	913
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Automated lung segmentation for thoracic CT. Academic Radiology, 2004, 11, 1011-1021.	2.5	254
2	Computerized segmentation and measurement of malignant pleural mesothelioma. Medical Physics, 2011, 38, 238-244.	3.0	51
3	Bariatric CT Imaging: Challenges and Solutions. Radiographics, 2016, 36, 1076-1086.	3.3	41
4	CT Radiation Dose Reduction in Robot-assisted Pediatric Spinal Surgery. Spine, 2017, 42, E417-E424.	2.0	30
5	U.S. Diagnostic Reference Levels and Achievable Doses for 10 Pediatric CT Examinations. Radiology, 2022, 302, 164-174.	7.3	29
6	Computerâ€assisted staging of chronic rhinosinusitis correlates with symptoms. International Forum of Allergy and Rhinology, 2015, 5, 637-642.	2.8	28
7	A simplified technique for delivering total body irradiation (TBI) with improved dose homogeneity. Medical Physics, 2012, 39, 2239-2248.	3.0	26
8	Medical Physics, 2012, 39, 4679-4690.	3.0	24
9	Characterization of mesothelioma and tissues present in contrastâ€enhanced thoracic CT scans. Medical Physics, 2011, 38, 942-947.	3.0	21
10	GammaKnife versus <scp>VMAT</scp> radiosurgery plan quality for many brain metastases. Journal of Applied Clinical Medical Physics, 2018, 19, 159-165.	1.9	21
11	Fetal Dosimetry at CT: A Primer. Radiographics, 2020, 40, 1061-1070.	3.3	20
12	Medical Physics, 2006, 33, 3085-3093.	3.0	17
13	Quantitative Measurement of Lung Reexpansion in Malignant Pleural Mesothelioma Patients Undergoing Pleurectomy/Decortication. Academic Radiology, 2011, 18, 294-298.	2.5	14
14	Dynamic contrast-enhanced CT for the assessment of tumour response in malignant pleural mesothelioma: a pilot study. European Radiology, 2019, 29, 682-688.	4.5	14
15	Contrast-enhanced Mammography: How Does It Work?. Radiographics, 2021, 41, 829-839.	3.3	14
16	Harmonization of radiomic feature variability resulting from differences in CT image acquisition and reconstruction: assessment in a cadaveric liver. Physics in Medicine and Biology, 2020, 65, 205008.	3.0	14
17	Image quality and dose differences caused by vendor-specific image processing of neonatal radiographs. Pediatric Radiology, 2016, 46, 1606-1613.	2.0	10
18	Automated matching of temporally sequential CT sections. Medical Physics, 2004, 31, 3417-3424.	3.0	9

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19	ACR testing of a dedicated head SPECT unit. Journal of Applied Clinical Medical Physics, 2014, 15, 1-10.	1.9	9
20	SPECT/CT imageâ€based dosimetry for Yttriumâ€90 radionuclide therapy: Application to treatment response. Journal of Applied Clinical Medical Physics, 2018, 19, 435-443.	1.9	9
21	Occupational Dose and Dose Limits: Experience in a Large Multisite Hospital System. Journal of the American College of Radiology, 2016, 13, 649-655.	1.8	6
22	Sample content of kinesthetic educational training: Reducing scattered Xâ€ray exposures to interventional physician operators of fluoroscopy. Journal of Applied Clinical Medical Physics, 2020, 21, 196-208.	1.9	6
23	Twoâ€dimensional extrapolation methods for texture analysis on CT scans. Medical Physics, 2007, 34, 3465-3472.	3.0	5
24	A general method for the identification and repair of concavities in segmented medical images. , 2008, , .		4
25	Discreteâ€space versus continuousâ€space lesion boundary and area definitions. Medical Physics, 2008, 35, 4070-4078.	3.0	4
26	A modified gradient correlation filter for image segmentation: Application to airway and bowel. Medical Physics, 2009, 36, 480-485.	3.0	4
27	Magnetic Resonance Imaging of the Lung: Automated Segmentation Methods. , 2008, , 219-234.		4
28	Automated segmentation of mucosal change in rhinosinusitis patients. Proceedings of SPIE, 2010, , .	0.8	3
29	The influence of initial outlines on manual segmentation. Medical Physics, 2010, 37, 2153-2158.	3.0	3
30	What Is the CT Dose Report Sheet and Why Is It Useful?. American Journal of Roentgenology, 2016, 207, 929-930.	2.2	3
31	Impact of an Infant Transport Mattress on CT Dose and Image Quality. Academic Radiology, 2016, 23, 209-219.	2.5	3
32	The Link Between Radiation Optimization and Quality. Journal of the American College of Radiology, 2017, 14, 850-851.	1.8	3
33	Troubleshooting Image Quality and Other Problems by Using the DICOM Header: RadioGraphics Fundamentals | Online Presentation. Radiographics, 2018, 38, 847-848.	3.3	3
34	Temporal subtraction in chest radiography: Mutual information as a measure of image quality. Medical Physics, 2009, 36, 5675-5682.	3.0	2
35	Three-Dimensional Stereoscopic Volume Rendering of Malignant Pleural Mesothelioma. International Surgery, 2012, 97, 65-70.	0.1	2
36	Regarding Fat Suppression in MRI, When Are Spectral Techniques Preferred Over STIR, and Vice Versa?. American Journal of Roentgenology, 2015, 205, W231-W232.	2.2	2

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37	Role of Medical Physicists in the Diagnostic Residency Training Program. Journal of the American College of Radiology, 2017, 14, 119-121.	1.8	2
38	Line-Enhanced Deformable Registration of Pulmonary Computed Tomography Images Before and After Radiation Therapy With Radiation-Induced Fibrosis. Technology in Cancer Research and Treatment, 2018, 17, 153303461774941.	1.9	2
39	The Association between Transcatheter Aortic Valve Replacement (TAVR) Approach and New-Onset Bundle Branch Blocks. Cardiology and Therapy, 2019, 8, 357-364.	2.6	2
40	TUâ€Đâ€Ł100Jâ€05: Assessment of Mesothelioma Tumor Response: Correlation of Tumor Thickness and Tumor Area. Medical Physics, 2007, 34, 2554-2554.	3.0	1
41	TU-FG-206-02: Medical Physics Imaging Informatics in the Classroom and in Practice. Medical Physics, 2016, 43, 3760-3760.	3.0	1
42	SU-C-134-05: CT Contrast Media: Impact of Scanner Parameters On Enhancement and Detectability. Medical Physics, 2013, 40, 96-96.	3.0	1
43	Automated lung segmentation in magnetic resonance images. , 2005, , .		0
44	Extrapolation techniques for textural characterization of tissue in medical images. , 2007, , .		0
45	Analysis of Reader Subjective Ratings of Nodule Characteristics in the Lung Image Database Consortium (LIDC) Database: Experience with the First 89 Cases.. , 2009, , .		0
46	Registration of T2-weighted and diffusion-weighted MR images of the prostate: comparison between manual and landmark-based methods. Proceedings of SPIE, 2012, , .	0.8	0
47	SU-E-T-68: Helical Tomotherapy DQA with ArcCHECK: Sensitivity to Possible Delivery Errors. Medical Physics, 2012, 39, 3718-3718.	3.0	0
48	3D Quantitation of Sinonasal Inflammation Correlates with Symptoms and Disease-Specific Quality of Life in Patients with Rhinosinusitis. Journal of Allergy and Clinical Immunology, 2016, 137, AB186.	2.9	0
49	Protocol Optimization in the Era of Informatics. Journal of the American College of Radiology, 2019, 16, 1121-1122.	1.8	0
50	TU-FF-A4-05: Temporal Subtraction of Lateral Chest Radiographs. Medical Physics, 2006, 33, 2223-2223.	3.0	0
51	TU-D-330A-07: A Fast Pseudo-1D Active Contour for Medical Image Segmentation. Medical Physics, 2006, 33, 2196-2197.	3.0	0
52	SU-FF-I-04: An External Energy Field for Hemithoracic-Cavity Segmentation Using Deformable Contours. Medical Physics, 2007, 34, 2338-2338.	3.0	0
53	SU-FF-I-05: Evolution of Adrenal Gland Perfusion with Anti-Angiogenic Therapy: A CT-Based Study. Medical Physics, 2007, 34, 2338-2339.	3.0	0
54	SUâ€GGâ€Iâ€87: Inconsistencies in Discrete Space and Continuous Space Lesion Boundary and Area Definitions. Medical Physics, 2008, 35, 2661-2662.	3.0	0

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55	SUâ€GGâ€Iâ€02: Evolution of Adrenal Gland Perfusion with Antiâ€Angiogenic Therapy: A CTâ€Based Approach. Medical Physics, 2008, 35, 2643-2643.	3.0	0
56	SU-FF-I-11: Inter-Observer Variability of Mesothelioma Area Measurements On CT Scans. Medical Physics, 2009, 36, 2436-2436.	3.0	0
57	WE-E-304A-06: The Influence of Initial Outlines On Observers. Medical Physics, 2009, 36, 2787-2787.	3.0	0
58	WE-B-201B-06: Characterization of Mesothelioma and Tissues Present in Contrast-Enhanced Chest CT Scans. Medical Physics, 2010, 37, 3417-3418.	3.0	0
59	SU-E-J-93: Perfusion CT and Tumor Response for Patients with Mesothelioma. Medical Physics, 2011, 38, 3463-3463.	3.0	0
60	SU-E-J-96: Prognostic Value of Automatically Segmented Lung Volumes during Chemotherapy for Patients with Mesothelioma. Medical Physics, 2011, 38, 3464-3464.	3.0	0
61	SU-E-I-03: Evaluation of CT Texture Feature Changes Following Deformable Lung Registration. Medical Physics, 2011, 38, 3396-3396.	3.0	0
62	Techniques for the Automated Segmentation of Lung in Thoracic Computed Tomography Scans. Advances in Bioinformatics and Biomedical Engineering Book Series, 2012, , 145-158.	0.4	0
63	SU-E-J-65: Feasibility Study of Backscatter Imaging for Image-Guided Radiotherapy. Medical Physics, 2012, 39, 3667-3667.	3.0	0
64	SU-E-J-18: Evaluation of the Effectiveness of Compression Methods in SBRT for Lung. Medical Physics, 2012, 39, 3656-3656.	3.0	0
65	SU-E-E-07: When the Old Ways Are the Best Ways: In Defense of Didactic Training. Medical Physics, 2014, 41, 126-126.	3.0	0
66	SU-E-J-262: Segmentation in Therapy: Impact of Display. Medical Physics, 2014, 41, 218-218.	3.0	0
67	MO-G-9A-01: Imaging Refresher for Standard of Care Radiation Therapy. Medical Physics, 2014, 41, 441-442.	3.0	0
68	WEâ€Eâ€201â€01: Use and Abuse of Common Statistics in Radiological Physics. Medical Physics, 2015, 42, 3683-3683.	3.0	0
69	WEâ€Eâ€201â€00: Practical Statistics for Medical Physicists. Medical Physics, 2015, 42, 3683-3683.	3.0	0
70	TH-E-201-01: Diagnostic Radiology Residents Physics Curriculum and Updates. Medical Physics, 2016, 43, 3893-3894.	3.0	0
71	MO-FG-206-00: Practical Statistics for Medical Physicists. Medical Physics, 2016, 43, 3714-3714.	3.0	0
72	The Effect of Thoracic Kyphosis on the Midfacial Skeleton of Adults. FASEB Journal, 2019, 33, 612.3.	0.5	0

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73	Techniques for the Automated Segmentation of Lung in Thoracic Computed Tomography Scans. , 0, , 675-687.		0