

J Anthony Seibert

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,358
citations

623734

14
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

1164
citing authors

#	ARTICLE	IF	CITATIONS
1	An accurate method for computer-generating tungsten anode x-ray spectra from 30 to 140 kV. Medical Physics, 1997, 24, 1661-1670.	3.0	584
2	Scatter/primary in mammography: Comprehensive results. Medical Physics, 2000, 27, 2408-2416.	3.0	126
3	The standardized exposure index for digital radiography: an opportunity for optimization of radiation dose to the pediatric population. Pediatric Radiology, 2011, 41, 573-581.	2.0	92
4	An analytical edge spread function model for computer fitting and subsequent calculation of the LSF and MTF. Medical Physics, 1994, 21, 1541-1545.	3.0	83
5	Intraoperative fluoroscopy, portable X-ray, and CT: patient and operating room personnel radiation exposure in spinal surgery. Spine Journal, 2014, 14, 2985-2991.	1.3	80
6	Monte Carlo assessment of computed tomography dose to tissue adjacent to the scanned volume. Medical Physics, 2000, 27, 2393-2407.	3.0	49
7	Evolution of spatial resolution in breast CT at UC Davis. Medical Physics, 2015, 42, 1973-1981.	3.0	49
8	Evaluation of Recombinant Tissue Plasminogen Activator in Embolic Stroke. Neurosurgery, 1989, 24, 355-360.	1.1	43
9	An edge spread technique for measurement of the scatter-to-primary ratio in mammography. Medical Physics, 2000, 27, 845-853.	3.0	41
10	A Monte Carlo study of x-ray fluorescence in x-ray detectors. Medical Physics, 1999, 26, 905-916.	3.0	40
11	Characterization of the point spread function and modulation transfer function of scattered radiation using a digital imaging system. Medical Physics, 1986, 13, 254-256.	3.0	37
12	A breast density index for digital mammograms based on radiologists'™ ranking. Journal of Digital Imaging, 1998, 11, 101-115.	2.9	25
13	Association of adipose tissue and skeletal muscle metrics with overall survival and postoperative complications in soft tissue sarcoma patients: an opportunistic study using computed tomography. Quantitative Imaging in Medicine and Surgery, 2020, 10, 1580-1589.	2.0	21
14	Scintillating fiber optic screens: A comparison of MTF, light conversion efficiency, and emission angle with Gd ₂ O ₂ S:Tb screens. Medical Physics, 1997, 24, 279-285.	3.0	18
15	QUANTITATIVE METHODS FOR INDIRECT CT LYMPHOGRAPHY. Veterinary Radiology and Ultrasound, 1998, 39, 110-116.	0.9	13
16	An Image Quality“informed Framework for CT Characterization. Radiology, 2022, 302, 380-389.	7.3	9
17	JOURNAL CLUB: Quantification of Fetal Dose Reduction if Abdominal CT Is Limited to the Top of the Iliac Crests in Pregnant Patients With Trauma. American Journal of Roentgenology, 2016, 206, 705-712.	2.2	8
18	Reference phantom selection in pediatric computed tomography using data from a large, multicenter registry. Pediatric Radiology, 2022, 52, 445-452.	2.0	8

#	ARTICLE	IF	CITATIONS
19	Dose-Area Product to Effective Dose Conversion Coefficients for Pelvic Radiography Using a Monte Carlo Program. American Journal of Roentgenology, 2020, 215, 679-684.	2.2	6
20	Orthogonal Electrode Catheter Array for Mapping of Endocardial Focal Site of Ventricular Activation. PACE - Pacing and Clinical Electrophysiology, 1991, 14, 557-576.	1.2	5
21	Interlaced versus progressive readout of television cameras for digital radiographic acquisitions. Medical Physics, 1984, 11, 703-707.	3.0	4
22	A Call for the Structured Physicist Report. Journal of the American College of Radiology, 2016, 13, 307-309.	1.8	4
23	Patient Dose Monitoring and Focus on Nuclear Medicine Imaging Examinations. Journal of the American College of Radiology, 2018, 15, 88-89.	1.8	0