

Da Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/44343/publications.pdf>

Version: 2024-02-01

21
papers

460
citations

840585

11
h-index

713332

21
g-index

22
all docs

22
docs citations

22
times ranked

621
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term outcome of endovascular therapy for acute basilar artery occlusion. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 1210-1218.	2.4	14
2	Minimizing Radiation Dose Outliers Through Systematic Analysis, Computed Tomography Technologist Education, and Standardized System Solutions. Journal of Computer Assisted Tomography, 2021, 45, 78-83.	0.5	0
3	Estimating patient water equivalent diameter from CT localizer images – A longitudinal and multi-institutional study of the stability of calibration parameters. Medical Physics, 2020, 47, 2139-2149.	1.6	4
4	A new method for CT dose estimation by determining patient water equivalent diameter from localizer radiographs: Geometric transformation and calibration methods using readily available phantoms. Medical Physics, 2018, 45, 3371-3378.	1.6	13
5	Point Organ Radiation Dose in Abdominal CT: Effect of Patient Off-Centering in an Experimental Human Cadaver Study. Radiation Protection Dosimetry, 2017, 175, 440-449.	0.4	4
6	Metal implants on CT: comparison of iterative reconstruction algorithms for reduction of metal artifacts with single energy and spectral CT scanning in a phantom model. Abdominal Radiology, 2017, 42, 742-748.	1.0	16
7	Comparison of Measured and Estimated CT Organ Doses for Modulated and Fixed Tube Current. Academic Radiology, 2016, 23, 634-642.	1.3	4
8	CT dose equilibration and energy absorption in polyethylene cylinders with diameters from 6 to 55 cm. Medical Physics, 2015, 42, 2882-2891.	1.6	2
9	A new technique to characterize CT scanner bowtie filter attenuation and applications in human cadaver dosimetry simulations. Medical Physics, 2015, 42, 6274-6282.	1.6	13
10	Data-Driven CT Protocol Review and Management – Experience From a Large Academic Hospital. Journal of the American College of Radiology, 2015, 12, 267-272.	0.9	11
11	Longitudinal dose distribution and energy absorption in PMMA and water cylinders undergoing CT scans. Medical Physics, 2014, 41, 101912.	1.6	6
12	Radiation dose calculations for CT scans with tube current modulation using the approach to equilibrium function. Medical Physics, 2014, 41, 111910.	1.6	10
13	<i>In vitro</i> dose measurements in a human cadaver with abdomen/pelvis CT scans. Medical Physics, 2014, 41, 091911.	1.6	9
14	A study of the short-to long-phantom dose ratios for CT scanning without table translation. Medical Physics, 2014, 41, 091912.	1.6	9
15	Novel Lead-Free Drape Applied to the X-Ray Detector Protects against Scatter Radiation in the Angiography Suite. Journal of Vascular and Interventional Radiology, 2014, 25, 1200-1208.	0.2	4
16	A method to acquire CT organ dose map using OSL dosimeters and ATOM anthropomorphic phantoms. Medical Physics, 2013, 40, 081918.	1.6	32
17	Monte Carlo assessment of CT dose equilibration in PMMA and water cylinders with diameters from 6 to 55 cm. Medical Physics, 2013, 40, 031903.	1.6	26
18	X-ray spectral measurements for tungsten anode from 20 to 49 kVp on a digital breast tomosynthesis system. Medical Physics, 2012, 39, 3493-3500.	1.6	16

#	ARTICLE	IF	CITATIONS
19	Sensitivity analysis of a geometric calibration method using projection matrices for digital tomosynthesis systems. <i>Medical Physics</i> , 2011, 38, 202-209.	1.6	16
20	Objective characterization of GE Discovery CT750 HD scanner: Gemstone spectral imaging mode. <i>Medical Physics</i> , 2011, 38, 1178-1188.	1.6	182
21	A generic geometric calibration method for tomographic imaging systems with flat-panel detectors” A detailed implementation guide. <i>Medical Physics</i> , 2010, 37, 3844-3854.	1.6	68