

Xinhua Li

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

44
papers

389
citations

12
h-index

17
g-index

48
ext. papers

475
ext. citations

4.6
avg, IF

3.76
L-index

#	Paper	IF	Citations
44	Patients undergoing multiple F-FDG PET/CT exams: Assessment of frequency, dose, and disease classification.. <i>British Journal of Radiology</i> , 2022 , 20211225	3.4	0
43	T-shirt size as a classification for body habitus in computed tomography (CT) and development of size-based dose reference levels for different indications.. <i>European Journal of Radiology</i> , 2022 , 151, 110289	4.7	0
42	Inhibition of miR-130b-3p restores autophagy and attenuates intervertebral disc degeneration through mediating ATG14 and PRKAA1.. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2022 , 1	5.4	2
41	Radiation exposure in 101 non-coronary fluoroscopically guided interventional procedures: reference levels of air kerma at the reference point and air kerma area product. <i>British Journal of Radiology</i> , 2021 , 20211108	3.4	0
40	Krüpel like factor 10 prevents intervertebral disc degeneration via TGF-β signaling pathway both and. <i>Journal of Orthopaedic Translation</i> , 2021 , 29, 19-29	4.2	2
39	Experimental and numerical studies on kV scattered x-ray imaging for real-time image guidance in radiation therapy. <i>Physics in Medicine and Biology</i> , 2021 , 66, 045022	3.8	0
38	Fetal dose evaluation for body CT examinations of pregnant patients during all stages of pregnancy. <i>European Journal of Radiology</i> , 2021 , 141, 109780	4.7	1
37	Patient-level dose monitoring in computed tomography: tracking cumulative dose from multiple multi-sequence exams with tube current modulation in children. <i>Pediatric Radiology</i> , 2021 , 51, 2498-2506 ^{2.8}		
36	Radiation Effective Dose Above 100 mSv From Fluoroscopically Guided Intervention: Frequency and Patient Medical Condition. <i>American Journal of Roentgenology</i> , 2020 , 215, 433-440	5.4	24
35	Effective Dose Assessment for Patients Undergoing Contemporary Fluoroscopically Guided Interventional Procedures. <i>American Journal of Roentgenology</i> , 2020 , 214, 158-170	5.4	12
34	Quantitative evaluation of transmission properties of breast tissue equivalent materials under Compton scatter imaging setup. <i>Physica Medica</i> , 2020 , 72, 32-38	2.7	
33	Data of CT bow tie filter profiles from three modern CT scanners. <i>Data in Brief</i> , 2019 , 25, 104261	1.2	4
32	Exam-level dose monitoring in CT: Quality metric consideration for multiple series acquisitions. <i>Medical Physics</i> , 2019 , 46, 1575-1580	4.4	6
31	Radiation Dose Monitoring for Fluoroscopically Guided Interventional Procedures: Effect on Patient Radiation Exposure. <i>Radiology</i> , 2019 , 290, 744-749	20.5	10
30	Radiation dose dependence on subject size in abdominal computed tomography: Water phantom and patient model comparison. <i>Medical Physics</i> , 2018 , 45, 2309-2317	4.4	1
29	Comprehensive evaluation of broad-beam transmission of patient supports from three fluoroscopy-guided interventional systems. <i>Medical Physics</i> , 2018 , 45, 1425-1432	4.4	10
28	Procedure-specific CT Dose and Utilization Factors for CT-guided Interventional Procedures. <i>Radiology</i> , 2018 , 289, 150-157	20.5	14

27	Radiation Dose and Risk Estimates of CT-Guided Percutaneous Liver Ablations and Factors Associated with Dose Reduction. <i>CardioVascular and Interventional Radiology</i> , 2018 , 41, 1935-1942	2.7	3
26	Direct and fast measurement of CT beam filter profiles with simultaneous geometrical calibration. <i>Medical Physics</i> , 2017 , 44, 57-70	4.4	8
25	Assessment of radiation dose from abdominal quantitative CT with short scan length. <i>British Journal of Radiology</i> , 2017 , 90, 20160931	3.4	3
24	Characterization of radiation dose from tube current modulated CT examinations with considerations of both patient size and variable tube current. <i>Medical Physics</i> , 2017 , 44, 5413-5422	4.4	2
23	Initial Clinical Experience With Extremity Cone-Beam CT of the Foot and Ankle in Pediatric Patients. <i>American Journal of Roentgenology</i> , 2016 , 206, 431-5	5.4	22
22	Scatter radiation intensities around a clinical digital breast tomosynthesis unit and the impact on radiation shielding considerations. <i>Medical Physics</i> , 2016 , 43, 1096-110	4.4	6
21	A study of the midpoint dose to CTDI ratio: Implications for CT dose evaluation. <i>Medical Physics</i> , 2016 , 43, 5878	4.4	7
20	CT dose equilibration and energy absorption in polyethylene cylinders with diameters from 6 to 55 cm. <i>Medical Physics</i> , 2015 , 42, 2882-91	4.4	1
19	A new technique to characterize CT scanner bow-tie filter attenuation and applications in human cadaver dosimetry simulations. <i>Medical Physics</i> , 2015 , 42, 6274-82	4.4	11
18	Data-driven CT protocol review and management Experience from a large academic hospital. <i>Journal of the American College of Radiology</i> , 2015 , 12, 267-72	3.5	9
17	A study of the short- to long-phantom dose ratios for CT scanning without table translation. <i>Medical Physics</i> , 2014 , 41, 091912	4.4	9
16	Longitudinal dose distribution and energy absorption in PMMA and water cylinders undergoing CT scans. <i>Medical Physics</i> , 2014 , 41, 101912	4.4	5
15	Radiation dose calculations for CT scans with tube current modulation using the approach to equilibrium function. <i>Medical Physics</i> , 2014 , 41, 111910	4.4	8
14	In vitro dose measurements in a human cadaver with abdomen/pelvis CT scans. <i>Medical Physics</i> , 2014 , 41, 091911	4.4	9
13	Entrance skin dosimetry and size-specific dose estimate from pediatric chest CTA. <i>Journal of Cardiovascular Computed Tomography</i> , 2014 , 8, 97-107	2.8	15
12	A parameterization method and application in breast tomosynthesis dosimetry. <i>Medical Physics</i> , 2013 , 40, 092105	4.4	6
11	Workload and transmission data for the installation of a digital breast tomosynthesis system. <i>Medical Physics</i> , 2013 , 40, 063901	4.4	5
10	Calculations of two new dose metrics proposed by AAPM Task Group 111 using the measurements with standard CT dosimetry phantoms. <i>Medical Physics</i> , 2013 , 40, 081914	4.4	14

9	Monte Carlo assessment of CT dose equilibration in PMMA and water cylinders with diameters from 6 to 55 cm. <i>Medical Physics</i> , 2013 , 40, 031903	4.4	22
8	Transmission of broad W/Rh and W/Al (target/filter) x-ray beams operated at 25-49 kVp through common shielding materials. <i>Medical Physics</i> , 2012 , 39, 4132-8	4.4	8
7	Equations for CT dose calculations on axial lines based on the principle of symmetry. <i>Medical Physics</i> , 2012 , 39, 5347-52	4.4	12
6	Estimation of the weighted CTDI _w for multislice CT examinations. <i>Medical Physics</i> , 2012 , 39, 901-5	4.4	15
5	A practical approach to estimate the weighted CT dose index over an infinite integration length. <i>Physics in Medicine and Biology</i> , 2011 , 56, 5789-803	3.8	22
4	Automated extraction of radiation dose information from CT dose report images. <i>American Journal of Roentgenology</i> , 2011 , 196, W781-3	5.4	16
3	Sensitivity analysis of a geometric calibration method using projection matrices for digital tomosynthesis systems. <i>Medical Physics</i> , 2011 , 38, 202-9	4.4	13
2	Quantifying breast density with a cone-beam breast CT 2010 ,		2
1	A generic geometric calibration method for tomographic imaging systems with flat-panel detectors--a detailed implementation guide. <i>Medical Physics</i> , 2010 , 37, 3844-54	4.4	48