

Andrea Nitrosi

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

679
citations

759233

12
h-index

552781

26
g-index

29
all docs

29
docs citations

29
times ranked

873
citing authors

#	ARTICLE	IF	CITATIONS
1	Contrast-enhanced spectral mammography in neoadjuvant chemotherapy monitoring: a comparison with breast magnetic resonance imaging. <i>Breast Cancer Research</i> , 2017, 19, 106.	5.0	103
2	Digital Mammography versus Digital Mammography Plus Tomosynthesis for Breast Cancer Screening: The Reggio Emilia Tomosynthesis Randomized Trial. <i>Radiology</i> , 2018, 288, 375-385.	7.3	93
3	On site evaluation of three flat panel detectors for digital radiography. <i>Medical Physics</i> , 2003, 30, 1719-1731.	3.0	67
4	Comparison of different commercial FFDM units by means of physical characterization and contrast-detail analysis. <i>Medical Physics</i> , 2006, 33, 4198-4209.	3.0	67
5	A Filmless Radiology Department in a Full Digital Regional Hospital: Quantitative Evaluation of the Increased Quality and Efficiency. <i>Journal of Digital Imaging</i> , 2007, 20, 140-148.	2.9	65
6	A comparison of digital radiography systems in terms of effective detective quantum efficiency. <i>Medical Physics</i> , 2012, 39, 2617-2627.	3.0	38
7	Accuracy of CT in a cohort of symptomatic patients with suspected COVID-19 pneumonia during the outbreak peak in Italy. <i>European Radiology</i> , 2020, 30, 6818-6827.	4.5	33
8	A Randomized Trial Comparing Breast Cancer Incidence and Interval Cancers after Tomosynthesis Plus Mammography versus Mammography Alone. <i>Radiology</i> , 2022, 303, 256-266.	7.3	29
9	Contrast-detail analysis of three flat panel detectors for digital radiography. <i>Medical Physics</i> , 2006, 33, 1707-1719.	3.0	25
10	Comparison of different computed radiography systems: Physical characterization and contrast detail analysis. <i>Medical Physics</i> , 2010, 37, 440-448.	3.0	23
11	Characterization of a clinical unit for digital radiography based on irradiation side sampling technology. <i>Medical Physics</i> , 2013, 40, 101902.	3.0	19
12	Comparing two visualization protocols for tomosynthesis in screening: specificity and sensitivity of slabs versus planes plus slabs. <i>European Radiology</i> , 2019, 29, 3802-3811.	4.5	14
13	The value of computed tomography in assessing the risk of death in COVID-19 patients presenting to the emergency room. <i>European Radiology</i> , 2021, 31, 9164-9175.	4.5	14
14	Impact of the Introduction of Digital Mammography in an Organized Screening Program on the Recall and Detection Rate. <i>Journal of Digital Imaging</i> , 2016, 29, 235-242.	2.9	11
15	PHYSICAL CHARACTERISATION OF FOUR DIFFERENT COMMERCIAL DIGITAL BREAST TOMOSYNTHESIS SYSTEMS. <i>Radiation Protection Dosimetry</i> , 2018, 181, 277-289.	0.8	11
16	Size assessment of breast lesions by means of a computer-aided detection (CAD) system for magnetic resonance mammography. <i>Radiologia Medica</i> , 2011, 116, 1039-1049.	7.7	9
17	Mortality Prediction of COVID-19 Patients Using Radiomic and Neural Network Features Extracted from a Wide Chest X-ray Sample Size: A Robust Approach for Different Medical Imbalanced Scenarios. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 3903.	2.5	9
18	Application of QC_DR Software for Acceptance Testing and Routine Quality Control of Direct Digital Radiography Systems: Initial Experiences using the Italian Association of Physicist in Medicine Quality Control Protocol. <i>Journal of Digital Imaging</i> , 2009, 22, 656-666.	2.9	8

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19	Contrast Detail Phantom Comparison on a Commercially Available Unit. Digital Breast Tomosynthesis (DBT) versus Full-Field Digital Mammography (FFDM). <i>Journal of Digital Imaging</i> , 2011, 24, 58-65.	2.9	6
20	Efficiency and Effectiveness of an Innovative RIS Function for Patient Information Reconciliation Directly Integrated with PACS. <i>Journal of Digital Imaging</i> , 2013, 26, 412-418.	2.9	6
21	Patient Dose Management Solution Directly Integrated in the RIS: "Gray Detector" Software. <i>Journal of Digital Imaging</i> , 2014, 27, 786-793.	2.9	5
22	A straightforward multiparametric quality control protocol for proton magnetic resonance spectroscopy: Validation and comparison of various 1.5T and 3T clinical scanner systems. <i>Physica Medica</i> , 2018, 54, 49-55.	0.7	5
23	Inflammatory burden and persistent CT lung abnormalities in COVID-19 patients. <i>Scientific Reports</i> , 2022, 12, 4270.	3.3	5
24	Characterization of GE discovery IGS 740 angiography system by means of channelized Hotelling observer (CHO). <i>Physics in Medicine and Biology</i> , 2019, 64, 095002.	3.0	4
25	RIS-PACS, patient safety, and clinical risk management. <i>Radiologia Medica</i> , 2015, 120, 498-503.	7.7	3
26	Validation of a new fully automated software for 2D digital mammographic breast density evaluation in predicting breast cancer risk. <i>Scientific Reports</i> , 2021, 11, 19884.	3.3	3
27	Physical characterization of a novel wireless DRX Plus 3543C using both a carbon nano tube (CNT) mobile x-ray system and a traditional x-ray system. <i>Physics in Medicine and Biology</i> , 2020, 65, 11NT02.	3.0	2
28	MODELING GLIOBLASTOMA RESPONSE TO RADIOTHERAPY BY COMBINING A TWO-COMPARTMENT KINETIC MODEL AND MULTIPARAMETRIC NMR DATA. <i>Journal of Mechanics in Medicine and Biology</i> , 2015, 15, 1540017.	0.7	0