Andrea Nitrosi

List of Publications by Year
in descending order

28	679	759055 12	552653 26
papers	citations	h-index	g-index

29	29	29	873
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Randomized Trial Comparing Breast Cancer Incidence and Interval Cancers after Tomosynthesis Plus Mammography versus Mammography Alone. Radiology, 2022, 303, 256-266.	3.6	29
2	Inflammatory burden and persistent CT lung abnormalities in COVID-19 patients. Scientific Reports, 2022, 12, 4270.	1.6	5
3	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. Applied Sciences (Switzerland), 2022, 12, 3903.	1.3	9
4	The value of computed tomography in assessing the risk of death in COVID-19 patients presenting to the emergency room. European Radiology, 2021, 31, 9164-9175.	2.3	14
5	Validation of a new fully automated software for 2D digital mammographic breast density evaluation in predicting breast cancer risk. Scientific Reports, 2021, 11, 19884.	1.6	3
6	Accuracy of CT in a cohort of symptomatic patients with suspected COVID-19 pneumonia during the outbreak peak in Italy. European Radiology, 2020, 30, 6818-6827.	2.3	33
7	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. Physics in Medicine and Biology, 2020, 65, 11NT02.	1.6	2
8	Characterization of GE discovery IGS 740 angiography system by means of channelized Hotelling observer (CHO). Physics in Medicine and Biology, 2019, 64, 095002.	1.6	4
9	Comparing two visualization protocols for tomosynthesis in screening: specificity and sensitivity of slabs versus planes plus slabs. European Radiology, 2019, 29, 3802-3811.	2.3	14
10	PHYSICAL CHARACTERISATION OF FOUR DIFFERENT COMMERCIAL DIGITAL BREAST TOMOSYNTHESIS SYSTEMS. Radiation Protection Dosimetry, 2018, 181, 277-289.	0.4	11
11	A straightforward multiparametric quality control protocol for proton magnetic resonance spectroscopy: Validation and comparison of various 1.5â€T and 3â€T clinical scanner systems. Physica Medica, 2018, 54, 49-55.	0.4	5
12	Digital Mammography versus Digital Mammography Plus Tomosynthesis for Breast Cancer Screening: The Reggio Emilia Tomosynthesis Randomized Trial. Radiology, 2018, 288, 375-385.	3.6	93
13	Contrast-enhanced spectral mammography in neoadjuvant chemotherapy monitoring: a comparison with breast magnetic resonance imaging. Breast Cancer Research, 2017, 19, 106.	2.2	103
14	Impact of the Introduction of Digital Mammography in an Organized Screening Program on the Recall and Detection Rate. Journal of Digital Imaging, 2016, 29, 235-242.	1.6	11
15	MODELING GLIOBLASTOMA RESPONSE TO RADIOTHERAPY BY COMBINING A TWO-COMPARTMENT KINETIC MODEL AND MULTIPARAMETRIC NMR DATA. Journal of Mechanics in Medicine and Biology, 2015, 15, 1540017.	0.3	0
16	RIS-PACS, patient safety, and clinical risk management. Radiologia Medica, 2015, 120, 498-503.	4.7	3
17	Patient Dose Management Solution Directly Integrated in the RIS: â€œGray Detectorâ€•Software. Journal of Digital Imaging, 2014, 27, 786-793.	1.6	5
18	Efficiency and Effectiveness of an Innovative RIS Function for Patient Information Reconciliation Directly Integrated with PACS. Journal of Digital Imaging, 2013, 26, 412-418.	1.6	6

#	Article	IF	Citations
19	Characterization of a clinical unit for digital radiography based on irradiation side sampling technology. Medical Physics, 2013, 40, 101902.	1.6	19
20	A comparison of digital radiography systems in terms of effective detective quantum efficiency. Medical Physics, 2012, 39, 2617-2627.	1.6	38
21	Contrast Detail Phantom Comparison on a Commercially Available Unit. Digital Breast Tomosynthesis (DBT) versus Full-Field Digital Mammography (FFDM). Journal of Digital Imaging, 2011, 24, 58-65.	1.6	6
22	Size assessment of breast lesions by means of a computer-aided detection (CAD) system for magnetic resonance mammography. Radiologia Medica, 2011, 116, 1039-1049.	4.7	9
23	Comparison of different computed radiography systems: Physical characterization and contrast detail analysis. Medical Physics, 2010, 37, 440-448.	1.6	23
24	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. Journal of Digital Imaging, 2009, 22, 656-666.	1.6	8
25	A Filmless Radiology Department in a Full Digital Regional Hospital: Quantitative Evaluation of the Increased Quality and Efficiency. Journal of Digital Imaging, 2007, 20, 140-148.	1.6	65
26	Comparison of different commercial FFDM units by means of physical characterization and contrast-detail analysis. Medical Physics, 2006, 33, 4198-4209.	1.6	67
27	Contrast-detail analysis of three flat panel detectors for digital radiography. Medical Physics, 2006, 33, 1707-1719.	1.6	25
28	On site evaluation of three flat panel detectors for digital radiography. Medical Physics, 2003, 30, 1719-1731.	1.6	67