

Marco Bertolini

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8688062/publications.pdf>

Version: 2024-02-01

42
papers

949
citations

623188

14
h-index

454577

30
g-index

43
all docs

43
docs citations

43
times ranked

934
citing authors

#	ARTICLE	IF	CITATIONS
1	A Randomized Trial Comparing Breast Cancer Incidence and Interval Cancers after Tomosynthesis Plus Mammography versus Mammography Alone. <i>Radiology</i> , 2022, 303, 256-266.	3.6	29
2	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.	1.3	9
3	CT protocol optimisation in PET/CT: what we learn from a systematic review. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 1-2.	3.3	2
4	How direct measurements on worker eyes with Scheimpflug camera can affect lens dose conversion coefficients in interventional radiology. <i>Journal of Radiological Protection</i> , 2021, 41, .	0.6	1
5	Cone beam CT augmented fluoroscopy allows safe and efficient diagnosis of a difficult lung nodule. <i>BMC Pulmonary Medicine</i> , 2021, 21, 327.	0.8	9
6	Texture analysis and multiple-instance learning for the classification of malignant lymphomas. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 185, 105153.	2.6	24
7	DNA damage in lens epithelial cells exposed to occupationally-relevant X-ray doses and role in cataract formation. <i>Scientific Reports</i> , 2020, 10, 21693.	1.6	5
8	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.	1.6	2
9	CT protocol optimisation in PET/CT: a systematic review. <i>EJNMMI Physics</i> , 2020, 7, 17.	1.3	15
10	Radiation dose reduction and static image quality assessment using a channelized hotelling observer on an angiography system upgraded with clarity IQ. <i>Biomedical Physics and Engineering Express</i> , 2020, 6, 025008.	0.6	5
11	EP-1382 Texture analysis of FDG-PET in NSCLC treated with SBRT:a validation study of two prognostic features. <i>Radiotherapy and Oncology</i> , 2019, 133, S754-S755.	0.3	0
12	Simulation of $H_p(10)$ and effective dose received by the medical staff in interventional radiology procedures. <i>Journal of Radiological Protection</i> , 2019, 39, 809-824.	0.6	14
13	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.	1.6	4
14	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.	2.3	14
15	PHYSICAL CHARACTERISATION OF FOUR DIFFERENT COMMERCIAL DIGITAL BREAST TOMOSYNTHESIS SYSTEMS. <i>Radiation Protection Dosimetry</i> , 2018, 181, 277-289.	0.4	11
16	Radiomic Profiling of Head and Neck Cancer: ^{18}F -FDG PET Texture Analysis as Predictor of Patient Survival. <i>Contrast Media and Molecular Imaging</i> , 2018, 2018, 1-8.	0.4	36
17	A comparative study of physical image quality in digital and synthetic mammography from commercially available mammography systems. <i>Physics in Medicine and Biology</i> , 2018, 63, 165020.	1.6	11
18	OC-0535: Multicenter validation of ion chambers in reference dosimetry of two IORT-dedicated electron linacs. <i>Radiotherapy and Oncology</i> , 2017, 123, S284.	0.3	1

#	ARTICLE	IF	CITATIONS
19	CT-guided biopsy of pulmonary nodules; predictive factors for diagnosis: Is there room for more prognostic factors?. <i>Radiologia Medica</i> , 2017, 122, 121-122.	4.7	1
20	Attenuation assessment of medical protective eyewear: the AVEN experience. <i>Journal of Radiological Protection</i> , 2016, 36, 279-289.	0.6	5
21	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.	0.3	0
22	RIS-PACS, patient safety, and clinical risk management. <i>Radiologia Medica</i> , 2015, 120, 498-503.	4.7	3
23	Free software for performing physical analysis of systems for digital radiography and mammography. <i>Medical Physics</i> , 2014, 41, 051903.	1.6	40
24	Patient Dose Management Solution Directly Integrated in the RIS: "Gray Detector" Software. <i>Journal of Digital Imaging</i> , 2014, 27, 786-793.	1.6	5
25	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.	1.6	6
26	Characterization of a clinical unit for digital radiography based on irradiation side sampling technology. <i>Medical Physics</i> , 2013, 40, 101902.	1.6	19
27	A comparison of digital radiography systems in terms of effective detective quantum efficiency. <i>Medical Physics</i> , 2012, 39, 2617-2627.	1.6	38
28	A new clinical unit for digital radiography based on a thick amorphous Selenium plate: Physical and psychophysical characterization. <i>Medical Physics</i> , 2011, 38, 4480-4488.	1.6	13
29	Contrast Detail Phantom Comparison on a Commercially Available Unit. <i>Digital Breast Tomosynthesis (DBT) versus Full-Field Digital Mammography (FFDM)</i> . <i>Journal of Digital Imaging</i> , 2011, 24, 58-65.	1.6	6
30	Comparison of different computed radiography systems: Physical characterization and contrast detail analysis. <i>Medical Physics</i> , 2010, 37, 440-448.	1.6	23
31	Physical and psychophysical characterization of a novel clinical system for digital mammography. <i>Medical Physics</i> , 2009, 36, 5139-5148.	1.6	31
32	Digital breast tomosynthesis (DBT) versus full field digital mammography (FFDM): comparison of a system performance using a contrast detail phantom. <i>Proceedings of SPIE</i> , 2009, , .	0.8	2
33	MR Imaging Findings in 56 Patients with Wernicke Encephalopathy: Nonalcoholics May Differ from Alcoholics. <i>American Journal of Neuroradiology</i> , 2009, 30, 171-176.	1.2	227
34	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.	1.6	8
35	SU-GG-I-71: Acceptance and Routine Quality Control in Direct Radiography Systems: Initial Experiences with the Italian Association of Physicist in Medicine Protocol. <i>Medical Physics</i> , 2008, 35, 2658-2658.	1.6	0
36	Wernicke Encephalopathy: MR Findings at Clinical Presentation in Twenty-Six Alcoholic and Nonalcoholic Patients. <i>American Journal of Neuroradiology</i> , 2007, 28, 1328-1331.	1.2	160

#	ARTICLE	IF	CITATIONS
37	Physical and psychophysical characterization of a GE senographe DS clinical system. , 2007, , .		4
38	Comparison of human observers and CDCOM software reading for CDMAM images. , 2007, , .		4
39	Performance evaluation of a direct computed radiography system by means of physical characterization and contrast detail analysis. , 2007, , .		3
40	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
41	Comparison of different commercial FFDM units by means of physical characterization and contrast-detail analysis. Medical Physics, 2006, 33, 4198-4209.	1.6	67
42	Contrast-detail analysis of three flat panel detectors for digital radiography. Medical Physics, 2006, 33, 1707-1719.	1.6	25