

Aymeric Hamard

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

485
citations

933447

10
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

525
citing authors

#	ARTICLE	IF	CITATIONS
1	Image quality and dose reduction opportunity of deep learning image reconstruction algorithm for CT: a phantom study. <i>European Radiology</i> , 2020, 30, 3951-3959.	4.5	196
2	Systematic review and meta-analysis on the impact of lung cancer screening by low-dose computed tomography. <i>European Journal of Cancer</i> , 2020, 134, 107-114.	2.8	50
3	Comparison of two deep learning image reconstruction algorithms in chest CT images: A task-based image quality assessment on phantom data. <i>Diagnostic and Interventional Imaging</i> , 2022, 103, 21-30.	3.2	36
4	Effect of tin filter-based spectral shaping CT on image quality and radiation dose for routine use on ultralow-dose CT protocols: A phantom study. <i>Diagnostic and Interventional Imaging</i> , 2020, 101, 373-381.	3.2	32
5	Optimization of radiation dose for CT detection of lytic and sclerotic bone lesions: a phantom study. <i>European Radiology</i> , 2020, 30, 1075-1078.	4.5	30
6	Comparison of two versions of a deep learning image reconstruction algorithm on CT image quality and dose reduction: A phantom study. <i>Medical Physics</i> , 2021, 48, 5743-5755.	3.0	29
7	Performance of four dual-energy CT platforms for abdominal imaging: a task-based image quality assessment based on phantom data. <i>European Radiology</i> , 2021, 31, 5324-5334.	4.5	24
8	Ultra-low-dose chest CT performance for the detection of viral pneumonia patterns during the COVID-19 outbreak period: a monocentric experience. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 3190-3199.	2.0	19
9	Ultra-low-dose CT versus radiographs for minor spine and pelvis trauma: a Bayesian analysis of accuracy. <i>European Radiology</i> , 2021, 31, 2621-2633.	4.5	17
10	Early Results of Unilateral Prostatic Artery Embolization as a Focal Therapy in Patients with Prostate Cancer under Active Surveillance: Cancer Prostate Embolisation, a Pilot Study. <i>Journal of Vascular and Interventional Radiology</i> , 2021, 32, 247-255.	0.5	15
11	Optimization of image quality and accuracy of low iodine concentration quantification as function of kVp pairs for abdominal imaging using dual-source CT: A phantom study. <i>Physica Medica</i> , 2021, 88, 285-292.	0.7	9
12	Impact of ultra-low dose CT acquisition on semi-automated RECIST tool in the evaluation of malignant focal liver lesions. <i>Diagnostic and Interventional Imaging</i> , 2020, 101, 473-479.	3.2	8
13	Clinical evaluation of a dose management system-integrated 3D skin dose map by comparison with radiochromic films. <i>European Radiology</i> , 2020, 30, 5071-5081.	4.5	8
14	Comparison of acquisition and iterative reconstruction parameters in abdominal computed tomography-guided procedures: a phantom study. <i>Quantitative Imaging in Medicine and Surgery</i> , 2022, 12, 281-291.	2.0	6
15	Dactylitis: A pictorial review of key symptoms. <i>Diagnostic and Interventional Imaging</i> , 2020, 101, 193-207.	3.2	4
16	A retrospective comparison of organ dose and effective dose in percutaneous vertebroplasty performed under CT guidance or using a fixed C-arm with a flat-panel detector. <i>Physica Medica</i> , 2021, 88, 235-241.	0.7	2
17	A national dose analysis of guided tumor destruction: influence of sex, age, localization and destruction technique used. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 12, 0-0.	2.0	0