

Yuan Lin

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

234
citations

1162367

8
h-index

1058022

14
g-index

20
all docs

20
docs citations

20
times ranked

260
citing authors

#	ARTICLE	IF	CITATIONS
1	Generating multiphoton Greenberger-Horne-Zeilinger states with weak cross-Kerr nonlinearity. <i>Physical Review A</i> , 2007, 75, .	1.0	60
2	Development and Application of a Suite of 4-D Virtual Breast Phantoms for Optimization and Evaluation of Breast Imaging Systems. <i>IEEE Transactions on Medical Imaging</i> , 2014, 33, 1401-1409.	5.4	32
3	An efficient polyenergetic SART (pSART) reconstruction algorithm for quantitative myocardial CT perfusion. <i>Medical Physics</i> , 2014, 41, 021911.	1.6	27
4	An image-based technique to assess the perceptual quality of clinical chest radiographs. <i>Medical Physics</i> , 2012, 39, 7019-7031.	1.6	20
5	Automated characterization of perceptual quality of clinical chest radiographs: Validation and calibration to observer preference. <i>Medical Physics</i> , 2014, 41, 111918.	1.6	19
6	An angle-dependent estimation of CT x-ray spectrum from rotational transmission measurements. <i>Medical Physics</i> , 2014, 41, 062104.	1.6	17
7	Segmentation of myocardium from cardiac MR images using a novel dynamic programming based segmentation method. <i>Medical Physics</i> , 2015, 42, 1424-1435.	1.6	15
8	A fast poly-energetic iterative FBP algorithm. <i>Physics in Medicine and Biology</i> , 2014, 59, 1655-1678.	1.6	11
9	Reversible colossal barocaloric effect dominated by disordering of organic chains in $(\text{CH}_3\text{C}(\text{CH}_2)_{11}\text{NH}_3)_2\text{MnCl}_4$ single crystals. <i>NPG Asia Materials</i> , 2022, 14, .	3.8	7
10	Equivalence of two approaches for quantum-classical hybrid systems. <i>Journal of Chemical Physics</i> , 2008, 128, 204104.	1.2	6
11	A Distinct Spin Structure and Giant Baromagnetic Effect in MnNiGe Compounds with Fe-Doping. <i>Journal of the American Chemical Society</i> , 2021, 143, 6798-6804.	6.6	6
12	Development of a dynamic 4D anthropomorphic breast phantom for contrast-based breast imaging. <i>Proceedings of SPIE</i> , 2012, , .	0.8	5
13	Task-based strategy for optimized contrast enhanced breast imaging: analysis of six imaging techniques for mammography and tomosynthesis. , 2012, , .		4
14	Quantification of radiographic image quality based on patient anatomical contrast-to-noise ratio: a preliminary study with chest images. <i>Proceedings of SPIE</i> , 2010, , .	0.8	2
15	3D biopsy for tomosynthesis: simulation of prior information based reconstruction for dose and artifact reduction. , 2012, , .		1
16	A task-based comparison of two reconstruction algorithms for digital breast tomosynthesis. , 2014, , .		1
17	Development and validation of a segmentation-free polyenergetic algorithm for dynamic perfusion computed tomography. <i>Journal of Medical Imaging</i> , 2016, 3, 033503.	0.8	1
18	Response to "Comment on "Equivalence of two approaches for quantum-classical hybrid systems" [J. Chem. Phys. 131, 127101 (2009)]. <i>Journal of Chemical Physics</i> , 2009, 131, .	1.2	0

#	ARTICLE	IF	CITATIONS
19	A patient image-based technique to assess the image quality of clinical chest radiographs. , 2011, , .		0
20	Validation of an image-based technique to assess the perceptual quality of clinical chest radiographs with an observer study. Proceedings of SPIE, 2014, , .	0.8	0