

Xu Ji

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

111
citations

1477746

6
h-index

1372195

10
g-index

17
all docs

17
docs citations

17
times ranked

90
citing authors

#	ARTICLE	IF	CITATIONS
1	Impacts of photon counting CT to maximum intensity projection (MIP) images of cerebral CT angiography: theoretical and experimental studies. <i>Physics in Medicine and Biology</i> , 2019, 64, 185015.	1.6	14
2	Impact of anti-charge sharing on the zero-frequency detective quantum efficiency of CdTe-based photon counting detector system: cascaded systems analysis and experimental validation. <i>Physics in Medicine and Biology</i> , 2018, 63, 095003.	1.6	13
3	Development of an Integrated C-Arm Interventional Imaging System With a Strip Photon Counting Detector and a Flat Panel Detector. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 3674-3685.	5.4	13
4	Task-driven optimization of the non-spectral mode of photon counting CT for intracranial hemorrhage assessment. <i>Physics in Medicine and Biology</i> , 2019, 64, 215014.	1.6	12
5	Studies of signal estimation bias in grating-based x-ray multicontrast imaging. <i>Medical Physics</i> , 2017, 44, 2453-2465.	1.6	10
6	Dual Energy Differential Phase Contrast CT (DE-DPC-CT) Imaging. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 3278-3289.	5.4	9
7	An experimental method to correct low-frequency concentric artifacts in photon counting CT. <i>Physics in Medicine and Biology</i> , 2021, 66, 175011.	1.6	9
8	Signal and noise characteristics of a CdTe-based photon counting detector: cascaded systems analysis and experimental studies. <i>Proceedings of SPIE</i> , 2017, 10132, .	0.8	6
9	Design, construction, and initial results of a prototype multi-contrast x-ray breast imaging system. , 2018, 10573, .		6
10	An experimental method to correct drift-induced error in zero-frequency DQE measurement. , 2019, 10948, .		5
11	Anomalous edge response of cadmium telluride-based photon counting detectors jointly caused by high-flux radiation and inter-pixel communication. <i>Physics in Medicine and Biology</i> , 2021, 66, 085006.	1.6	4
12	Spectrum optimization in photon counting detector based iodine K-edge CT imaging. , 2019, , .		4
13	Is high sensitivity always desirable for a grating-based differential phase contrast imaging system?. <i>Medical Physics</i> , 2020, 47, 1215-1228.	1.6	3
14	An experimental method to directly measure $DQE(k)$ at $k=0$ for 2D x-ray imaging systems. <i>Physics in Medicine and Biology</i> , 2019, 64, 075013.	1.6	1
15	Model-based inter- and intra-panel inconsistency correction for photon counting detector CT. , 2021, , .		1
16	Phase contrast CT enabled three-material decomposition in spectral CT imaging. , 2020, 11312, .		1
17	Impact of the sensitivity factor on the signal-to-noise ratio in grating-based phase contrast imaging. , 2019, 10948, .		0