

# Xu Ji

## List of Publications by Year in descending order

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17  
papers

111  
citations

1477746  
6  
h-index

1372195  
10  
g-index

17  
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docs citations

17  
times ranked

90  
citing authors

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