Zhoubo Li

List of Publications by Year in descending order

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16	918	758635 12	940134 16
papers	citations	h-index	g-index

16	16	16	908
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Human Imaging With Photon Countingâ€“Based Computed Tomography at Clinical Dose Levels. Investigative Radiology, 2016, 51, 421-429.	3.5	205
2	Evaluation of conventional imaging performance in a research whole-body CT system with a photon-counting detector array. Physics in Medicine and Biology, 2016, 61, 1572-1595.	1.6	185
3	Degradation of CT Low-Contrast Spatial Resolution Due to the Use of Iterative Reconstruction and Reduced Dose Levels. Radiology, 2015, 276, 499-506.	3.6	116
4	Dose-efficient ultrahigh-resolution scan mode using a photon counting detector computed tomography system. Journal of Medical Imaging, 2016, 3, 043504.	0.8	105
5	Noise performance of low-dose CT: comparison between an energy integrating detector and a photon counting detector using a whole-body research photon counting CT scanner. Journal of Medical Imaging, 2016, 3, 043503.	0.8	74
6	Observer Performance in the Detection and Classification of Malignant Hepatic Nodules and Masses with CT Image-Space Denoising and Iterative Reconstruction. Radiology, 2015, 276, 465-478.	3.6	51
7	An effective noise reduction method for multiâ€energy <scp>CT</scp> images that exploit spatioâ€spectral features. Medical Physics, 2017, 44, 1610-1623.	1.6	37
8	Characterization of Urinary Stone Composition by Use of Third-Generation Dual-Source Dual-Energy CT With Increased Spectral Separation. American Journal of Roentgenology, 2015, 205, 1203-1207.	1.0	36
9	Subjective and objective heterogeneity scores for differentiating small renal masses using contrast-enhanced CT. Abdominal Radiology, 2017, 42, 1485-1492.	1.0	34
10	Image-based material decomposition with a general volume constraint for photon-counting CT. Proceedings of SPIE, 2015, 9412, .	0.8	24
11	Estimation of signal and noise for a whole-body research photon-counting CT system. Journal of Medical Imaging, 2017, 4, 023505.	0.8	14
12	Dual-source multienergy CT with triple or quadruple x-ray beams. Journal of Medical Imaging, 2018, 5, 1.	0.8	14
13	A robust noise reduction technique for time resolved CT. Medical Physics, 2015, 43, 347-359.	1.6	11
14	Overcoming calcium blooming and improving the quantification accuracy of percent area luminal stenosis by material decomposition of multi-energy computed tomography datasets. Journal of Medical Imaging, 2020, 7, 053501.	0.8	5
15	Estimation of signal and noise for a whole-body photon counting research CT system. Proceedings of SPIE, 2016, 9783, .	0.8	4
16	Technical Note: Insertion of digital lesions in the projection domain for dualâ€source, dualâ€energy <scp>CT</scp>. Medical Physics, 2017, 44, 1655-1660.	1.6	3