

Wei Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

595
citations

759190

12
h-index

888047

17
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17
all docs

17
docs citations

17
times ranked

657
citing authors

#	ARTICLE	IF	CITATIONS
1	150- $\hat{1}$ / ₄ m Spatial Resolution Using Photon-Counting Detector Computed Tomography Technology. <i>Investigative Radiology</i> , 2018, 53, 655-662.	6.2	137
2	Spectral performance of a whole-body research photon counting detector CT: quantitative accuracy in derived image sets. <i>Physics in Medicine and Biology</i> , 2017, 62, 7216-7232.	3.0	90
3	Reduction of Metal Artifacts and Improvement in Dose Efficiency Using Photon-Counting Detector Computed Tomography and Tin Filtration. <i>Investigative Radiology</i> , 2019, 54, 204-211.	6.2	76
4	Comparison of a Photon-Counting-Detector CT with an Energy-Integrating-Detector CT for Temporal Bone Imaging: A Cadaveric Study. <i>American Journal of Neuroradiology</i> , 2018, 39, 1733-1738.	2.4	69
5	Spatiotemporal changes in blood-brain barrier permeability, cerebral blood flow, T2 and diffusion following mild traumatic brain injury. <i>Brain Research</i> , 2016, 1646, 53-61.	2.2	40
6	Retinotopic fMRI Reveals Visual Dysfunction and Functional Reorganization in the Visual Cortex of Mild to Moderate Glaucoma Patients. <i>Journal of Glaucoma</i> , 2017, 26, 430-437.	1.6	27
7	A deep learning&and partial least square regression&based model observer for a low&contrast lesion detection task in CT. <i>Medical Physics</i> , 2019, 46, 2052-2063.	3.0	27
8	MRI Study of the Posterior Visual Pathways in Primary Open Angle Glaucoma. <i>Journal of Glaucoma</i> , 2017, 26, 173-181.	1.6	26
9	Multimodal Randomized Functional MR Imaging of the Effects of Methylene Blue in the Human Brain. <i>Radiology</i> , 2016, 281, 516-526.	7.3	25
10	Lung nodule volume quantification and shape differentiation with an ultra-high resolution technique on a photon-counting detector computed tomography system. <i>Journal of Medical Imaging</i> , 2017, 4, 1.	1.5	20
11	Improving iodine contrast to noise ratio using virtual monoenergetic imaging and prior-knowledge-aware iterative denoising (mono-PKAID). <i>Physics in Medicine and Biology</i> , 2019, 64, 105014.	3.0	19
12	Targeted Imaging of Renal Fibrosis Using Antibody-Conjugated Gold Nanoparticles in Renal Artery Stenosis. <i>Investigative Radiology</i> , 2018, 53, 623-628.	6.2	15
13	Methylene blue modulates functional connectivity in the human brain. <i>Brain Imaging and Behavior</i> , 2017, 11, 640-648.	2.1	12
14	Ultrasound grayscale image quality comparison between a 2D intracavitary transducer and a 3D intracavitary transducer used in 2D mode: A phantom study. <i>Journal of Applied Clinical Medical Physics</i> , 2019, 20, 134-140.	1.9	4
15	Systematic optimization of ultrasound grayscale imaging presets and its application in abdominal scanning. <i>Journal of Applied Clinical Medical Physics</i> , 2020, 21, 192-199.	1.9	3
16	Determination of iodine detectability in different types of multiple-energy images for a photon-counting detector computed tomography system. <i>Journal of Medical Imaging</i> , 2019, 6, 1.	1.5	3
17	Evaluation of Shimming Techniques on MRI Breast Image Quality at 1.5T. <i>Journal of Breast Imaging</i> , 2019, 1, 199-204.	1.3	2