

Luzhen Deng

List of Publications by Year in descending order

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papers

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citations

1478505

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1474206

9
g-index

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10
docs citations

10
times ranked

97
citing authors

#	ARTICLE	IF	CITATIONS
1	A CT Reconstruction Algorithm Based on L1/2Regularization. Computational and Mathematical Methods in Medicine, 2014, 2014, 1-8.	1.3	18
2	Multi-material decomposition of spectral CT images via Fully Convolutional DenseNets. Journal of X-Ray Science and Technology, 2019, 27, 461-471.	1.0	14
3	Monte Carlo Simulation for Polychromatic X-Ray Fluorescence Computed Tomography with Sheet-Beam Geometry. International Journal of Biomedical Imaging, 2017, 2017, 1-10.	3.9	10
4	A Geant4-based Monte Carlo study of a benchtop multi-pinhole X-ray fluorescence computed tomography imaging. International Journal of Nanomedicine, 2018, Volume 13, 7207-7216.	6.7	9
5	A CT reconstruction approach from sparse projection with adaptive-weighted diagonal total-variation in biomedical application. Bio-Medical Materials and Engineering, 2015, 26, S1685-S1693.	0.6	7
6	An Improved Total Variation Minimization Method Using Prior Images and Split-Bregman Method in CT Reconstruction. BioMed Research International, 2016, 2016, 1-9.	1.9	7
7	A detector's eye view (DEV)-based OSEM algorithm for benchtop x-ray fluorescence computed tomography (XFCT) image reconstruction. Physics in Medicine and Biology, 2019, 64, 08NT02.	3.0	5
8	Investigation of transmission computed tomography (CT) image quality and x-ray dose achievable from an experimental dual-mode benchtop x-ray fluorescence CT and transmission CT system. Journal of X-Ray Science and Technology, 2019, 27, 431-442.	1.0	4
9	Monte Carlo study of x-ray detection configurations for benchtop x-ray fluorescence computed tomography of gold nanoparticle-loaded objects. Physics in Medicine and Biology, 2020, 65, 175010.	3.0	4
10	Numerical and Monte Carlo Simulation on X-ray Fluorescence Computed Tomography with Self-Absorption Correction. Journal of Medical Imaging and Health Informatics, 2016, 6, 1720-1726.	0.3	2