

Luzhen Deng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5448407/publications.pdf>

Version: 2024-02-01

10
papers

80
citations

1478505

6
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

97
citing authors

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