

Shouhua Luo

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

384
citations

933447

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h-index

888059

17
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21
all docs

21
docs citations

21
times ranked

653
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic Nanoliposomes as <i>In Situ</i> Microbubble Bombers for Multimodality Image-Guided Cancer Theranostics. ACS Nano, 2017, 11, 1509-1519.	14.6	112
2	Biosynthesized Gold Nanoclusters and Iron Complexes as Scaffolds for Multimodal Cancer Bioimaging. Small, 2016, 12, 6255-6265.	10.0	56
3	In Situ Multimodality Imaging of Cancerous Cells Based on a Selective Performance of Fe ²⁺ -Adsorbed Zeolitic Imidazolate Frameworks. Advanced Functional Materials, 2017, 27, 1603926.	14.9	46
4	Rapid and multimodal <i>in vivo</i> bioimaging of cancer cells through <i>in situ</i> biosynthesis of Zn&Fe nanoclusters. Nano Research, 2017, 10, 2626-2632.	10.4	38
5	A novel calibration method incorporating nonlinear optimization and ball-bearing markers for cone-beam CT with a parameterized trajectory. Medical Physics, 2019, 46, 152-164.	3.0	23
6	SPECIAL: Single-Shot Projection Error Correction Integrated Adversarial Learning for Limited-Angle CT. IEEE Transactions on Computational Imaging, 2021, 7, 734-746.	4.4	23
7	Target therapy of multiple myeloma by PTX-NPs and ABCG2 antibody in a mouse xenograft model. Oncotarget, 2015, 6, 27714-27724.	1.8	18
8	PEGylated long-circulating liposomes deliver homoharringtonine to suppress multiple myeloma cancer stem cells. Experimental Biology and Medicine, 2017, 242, 996-1004.	2.4	16
9	Auto Diagnostics of Lung Nodules Using Minimal Characteristics Extraction Technique. Diagnostics, 2016, 6, 13.	2.6	15
10	Single-irradiation Simultaneous Dual-Modal Bioimaging Using Nanostructure Scintillators as Single Contrast Agent. Advanced Healthcare Materials, 2019, 8, e1801324.	7.6	11
11	Interior tomography in microscopic CT with image reconstruction constrained by full field of view scan at low spatial resolution. Physics in Medicine and Biology, 2018, 63, 075006.	3.0	10
12	Micro-CT image denoising with an asymmetric perceptual convolutional network. Physics in Medicine and Biology, 2021, 66, .	3.0	6
13	Geometric Calibration Based on a Simple Phantom for Multi-Lens Microscopic CT. International Journal of Computational Methods, 2019, 16, 1842015.	1.3	4
14	Data sustained misalignment correction in microscopic cone beam CT via optimization under the Grangeat Epipolar consistency condition. Medical Physics, 2020, 47, 498-508.	3.0	3
15	An Epipolar Based Algorithm for Respiratory Signal Extraction of Small Animal CT. Sensing and Imaging, 2018, 19, 1.	1.5	1
16	Implementation of a virtual laryngoscope system using efficient reconstruction algorithms. Medical Science Monitor, 2009, 15, MT95-100.	1.1	1
17	SSRNet: A CT Reconstruction Network Based on Sparse Connection and Weight Sharing for Parameters Reduction. Sensing and Imaging, 2022, 23, 1.	1.5	1
18	Experimental Research of <i>In Vivo</i> Mouse Cardiac 4D Micro-CT Imaging via Deformation Vector Field Registration. Sensing and Imaging, 2019, 20, 1.	1.5	0

#	ARTICLE	IF	CITATIONS
19	Robust regression-based estimation of isocenter offset with subpixel precision in tomographic image reconstruction. Journal of Medical Imaging, 2019, 6, 1.	1.5	0