

Shuangyang Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

106
citations

1307594

7
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

38
citing authors

#	ARTICLE	IF	CITATIONS
1	Automatic 3-D segmentation and volumetric light fluence correction for photoacoustic tomography based on optimal 3-D graph search. <i>Medical Image Analysis</i> , 2022, 75, 102275.	11.6	11
2	Multispectral interlaced sparse sampling photoacoustic tomography based on directional total variation. <i>Computer Methods and Programs in Biomedicine</i> , 2022, 214, 106562.	4.7	8
3	Epithelial Cell Adhesion Molecule-Functionalized Fe ₃ O ₄ @Au Nanoparticles for Coregistered Optoacoustic and Magnetic Resonance Imaging and Photothermal Therapy of Hepatocellular Carcinoma. <i>ACS Applied Nano Materials</i> , 2022, 5, 10213-10224.	5.0	4
4	Photoacoustic Tomography Image Restoration With Measured Spatially Variant Point Spread Functions. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 2318-2328.	8.9	13
5	Automatic correction of the initial rotation angle error improves 3D reconstruction in endoscopic airway optical coherence tomography. <i>Biomedical Optics Express</i> , 2021, 12, 7616.	2.9	5
6	Cross-sectional photoacoustic tomography image reconstruction with a multi-curve integration model. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 197, 105731.	4.7	10
7	Multispectral Interlaced Sparse Sampling Photoacoustic Tomography. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 3463-3474.	8.9	18
8	Quantitative Analysis of Reconstructed Conductivity Images Using Phase-based Electrical Properties Method at 3T MR. , 2020, , .		0
9	Model-Based Optoacoustic Tomography Image Reconstruction With Non-local and Sparsity Regularizations. <i>IEEE Access</i> , 2019, 7, 102136-102148.	4.2	16
10	Photoacoustic imaging of living mice enhanced with a low-cost contrast agent. <i>Biomedical Optics Express</i> , 2019, 10, 5744.	2.9	16