

# Shuangyang Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1449278/publications.pdf>

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10  
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1307594

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1474206

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docs citations

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citing authors

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