

Jing Meng

List of Publications by Year in descending order

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18
papers

409
citations

1040056

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docs citations

18
times ranked

445
citing authors

#	ARTICLE	IF	CITATIONS
1	Sparse-sampling photoacoustic computed tomography: Deep learning vs. compressed sensing. <i>Biomedical Signal Processing and Control</i> , 2022, 71, 103233.	5.7	12
2	Classification-based framework for binarization on mice eye image in vivo with optical coherence tomography. <i>Journal of Biophotonics</i> , 2022, , e202100336.	2.3	0
3	RA V-Net: deep learning network for automated liver segmentation. <i>Physics in Medicine and Biology</i> , 2022, 67, 125022.	3.0	3
4	A microvascular image analysis method for optical-resolution photoacoustic microscopy. <i>Journal of Innovative Optical Health Sciences</i> , 2020, 13, 2050019.	1.0	2
5	Graphics processing unit accelerating compressed sensing photoacoustic computed tomography with total variation. <i>Applied Optics</i> , 2020, 59, 712.	1.8	7
6	Quantitative analysis on in vivo tumor microvascular images from optical-resolution photoacoustic microscopy. <i>Journal of Biophotonics</i> , 2019, 12, e201800421.	2.3	24
7	Dictionary learning sparse-sampling reconstruction method for in-vivo 3D photoacoustic computed tomography. <i>Biomedical Optics Express</i> , 2019, 10, 1660.	2.9	14
8	Compressed Sensing With a Gaussian Scale Mixture Model for Limited View Photoacoustic Computed Tomography <i>In Vivo</i> . <i>Technology in Cancer Research and Treatment</i> , 2018, 17, 153303381880822.	1.9	6
9	Adaptive non-local means on local principle neighborhood for noise/artifacts reduction in low-dose CT images. <i>Medical Physics</i> , 2017, 44, e230-e241.	3.0	13
10	Cultural Relic Image Enhancement Based on the Laplacian of the Gaussian and Retinex Model. <i>Journal of Computational and Theoretical Nanoscience</i> , 2017, 14, 3692-3697.	0.4	2
11	Delay-multiply-and-sum-based synthetic aperture focusing in photoacoustic microscopy. <i>Journal of Biomedical Optics</i> , 2016, 21, 036010.	2.6	113
12	High-speed, sparse-sampling three-dimensional photoacoustic computed tomography <i>in vivo</i> based on principal component analysis. <i>Journal of Biomedical Optics</i> , 2016, 21, 076007.	2.6	19
13	Multi-parametric quantitative microvascular imaging with optical-resolution photoacoustic microscopy in vivo. <i>Optics Express</i> , 2014, 22, 1500.	3.4	69
14	Compressed sensing based virtual-detector photoacoustic microscopy <i>in vivo</i> . <i>Journal of Biomedical Optics</i> , 2014, 19, 036003.	2.6	16
15	Biomedical photoacoustics in China. <i>Photoacoustics</i> , 2013, 1, 43-48.	7.8	8
16	Compressed-sensing photoacoustic computed tomography in vivo with partially known support. <i>Optics Express</i> , 2012, 20, 16510.	3.4	66
17	In vivo optical-resolution photoacoustic computed tomography with compressed sensing. <i>Optics Letters</i> , 2012, 37, 4573.	3.3	35
18	Optimization of Fiber Positions for Optical Tomography Based on the Equation of Radiative Transfer. , 2009, , .		0