Jing Meng

List of Publications by Year
in descending order

18 papers	409 citations	1040056 9 h-index	940533 16 g-index
18 all docs	18 docs citations	18 times ranked	445 citing authors

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