Zhe Jiang

List of Publications by Year
in descending order

16 papers	267 citations	933447 10 h-index	996975 15 g-index
16 all docs	16 docs citations	16 times ranked	186 citing authors

#	Article	IF	Citations
1	Content-Noise Complementary Learning for Medical Image Denoising. IEEE Transactions on Medical Imaging, 2022, 41, 407-419.	8.9	54
2	Numerical Simulation of Airflow Fields in Two Typical Nasal Structures of Empty Nose Syndrome: A Computational Fluid Dynamics Study. PLoS ONE, 2013, 8, e84243.	2.5	35
3	Comparative study of deep learning models for optical coherence tomography angiography. Biomedical Optics Express, 2020, 11, 1580.	2.9	35
4	A deep learning based pipeline for optical coherence tomography angiography. Journal of Biophotonics, 2019, 12, e201900008.	2.3	31
5	<scp>N2NSRâ€OCT</scp>: Simultaneous denoising and superâ€resolution in optical coherence tomography images using semisupervised deep learning. Journal of Biophotonics, 2021, 14, e202000282.	2.3	23
6	Weakly Supervised Deep Learning-Based Optical Coherence Tomography Angiography. IEEE Transactions on Medical Imaging, 2021, 40, 688-698.	8.9	20
7	Comparative study of deep neural networks with unsupervised <scp>Noise2Noise</scp> strategy for noise reduction of optical coherence tomography images. Journal of Biophotonics, 2021, 14, e202100151.	2.3	17
8	PMS-GAN: Parallel Multi-Stream Generative Adversarial Network for Multi-Material Decomposition in Spectral Computed Tomography. IEEE Transactions on Medical Imaging, 2021, 40, 571-584.	8.9	12
9	Triplet Cross-Fusion Learning for Unpaired Image Denoising in Optical Coherence Tomography. IEEE Transactions on Medical Imaging, 2022, 41, 3357-3372.	8.9	12
10	A super-resolution method-based pipeline for fundus fluorescein angiography imaging. BioMedical Engineering OnLine, 2018, 17, 125.	2.7	11
11	Retinal choroidal vessel imaging based on multi-wavelength fundus imaging with the guidance of optical coherence tomography. Biomedical Optics Express, 2020, 11, 5212.	2.9	6
12	The Cellular Senescence-Inhibited Gene Is Essential for PPM1A Myristoylation To Modulate Transforming Growth Factor β Signaling. Molecular and Cellular Biology, 2018, 38, .	2.3	3
13	Synergistically segmenting choroidal layer and vessel using deep learning for choroid structure analysis. Physics in Medicine and Biology, 2022, 67, 085001.	3.0	3
14	High-throughput MQ encoder for pass-parallel EBCOT in JPEG2000. , 2015, , .		2
15	Rethinking the neighborhood information for deep learningâ€based optical coherence tomography angiography. Medical Physics, 2022, 49, 3705-3716.	3.0	2
16	New actuator disk model for propeller-aircraft computation. Science China Technological Sciences, 2016, 59, 1201-1207.	4.0	1