Shenghan Ren

List of Publications by Year
in descending order

13 papers	99 citations	1684188 5 h-index	1372567 10 g-index
13 all docs	13 docs citations	13 times ranked	100 citing authors

#	Article	IF	Citations
1	Molecular Optical Simulation Environment (MOSE): A Platform for the Simulation of Light Propagation in Turbid Media. PLoS ONE, 2013, 8, e61304.	2.5	53
2	A Thrombin-Responsive Nanoprobe for *In Vivo* Visualization of Thrombus Formation through Three-Dimensional Optical/Computed Tomography Hybrid Imaging. ACS Applied Materials & Interfaces, 2021, 13, 27814-27824.	8.0	10
3	Influence investigation of a void region on modeling light propagation in a heterogeneous medium. Applied Optics, 2013, 52, 400.	1.8	8
4	Multi-atlas registration and adaptive hexahedral voxel discretization for fast bioluminescence tomography. Biomedical Optics Express, 2016, 7, 1549.	2.9	7
5	Machine learning-based automatic segmentation of region of interest in dynamic optical imaging. AIP Advances, 2021, 11, 015029.	1.3	6
6	Adaptively Hybrid 3rd Simplified Spherical Harmonics With Diffusion Equation-Based Multispectral Cerenkov Luminescence Tomography. IEEE Access, 2019, 7, 160779-160785.	4.2	4
7	Short-range and long-range neuronal oscillatory coupling in multiple frequency bands during face perception. International Journal of Psychophysiology, 2020, 152, 26-35.	1.0	4
8	Effective reconstruction of bioluminescence tomography based on GPU-accelerated inverse Monte Carlo method. AIP Advances, 2020, 10, 105329.	1.3	2
9	Discriminative Context-Aware Network for Target Extraction in Remote Sensing Imagery. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 700-715.	4.9	2
10	Phase function estimation from a diffuse optical image via deep learning. Physics in Medicine and Biology, 2022, 67, 074001.	3.0	2
11	Automated segmentation of left ventricular myocardium using cascading convolutional neural networks based on echocardiography. AIP Advances, 2021, 11, .	1.3	1
12	Wide-field Raman spectroscopic imaging with frequency modulation based spatially encoded light illumination. AIP Advances, 2020, 10, 095012.	1.3	0
13	Special Patterns of Dynamic Brain Networks Discriminate Between Face and Non-face Processing: A Single-Trial EEG Study. Frontiers in Neuroscience, 2021, 15, 652920.	2.8	0