

Zhongya Qin

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

229
citations

1307366

7
h-index

1281743

11
g-index

21
all docs

21
docs citations

21
times ranked

256
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive optics two-photon microscopy enables near-diffraction-limited and functional retinal imaging in vivo. <i>Light: Science and Applications</i> , 2020, 9, 79.	7.7	48
2	Adaptive optics two-photon endomicroscopy enables deep-brain imaging at synaptic resolution over large volumes. <i>Science Advances</i> , 2020, 6, .	4.7	36
3	Deep tissue multi-photon imaging using adaptive optics with direct focus sensing and shaping. <i>Nature Biotechnology</i> , 2022, 40, 1663-1671.	9.4	32
4	Optimization of Particle CBMeMber Filters for Hardware Implementation. <i>IEEE Transactions on Vehicular Technology</i> , 2018, 67, 9027-9031.	3.9	31
5	Quantitative Imaging of Lipid Synthesis and Lipolysis Dynamics in <i>Caenorhabditis elegans</i> by Stimulated Raman Scattering Microscopy. <i>Analytical Chemistry</i> , 2019, 91, 2279-2287.	3.2	30
6	In vivo imaging-guided microsurgery based on femtosecond laser produced new fluorescent compounds in biological tissues. <i>Biomedical Optics Express</i> , 2018, 9, 581.	1.5	19
7	New fluorescent compounds produced by femtosecond laser surgery in biological tissues: the mechanisms. <i>Biomedical Optics Express</i> , 2018, 9, 3373.	1.5	12
8	High-resolution two-photon transcranial imaging of brain using direct wavefront sensing. <i>Photonics Research</i> , 2021, 9, 1144.	3.4	9
9	Structure and Tracer Kinetics-Driven Dynamic PET Reconstruction. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2020, 4, 400-409.	2.7	3
10	Study of neurovascular coupling by using mesoscopic and microscopic imaging. <i>IScience</i> , 2021, 24, 103176.	1.9	3
11	In vivostudy of metabolic dynamics and heterogeneity in brown and beige fat by label-free multiphoton redox and fluorescence lifetime microscopy. <i>Journal of Biophotonics</i> , 2020, 13, e201960057.	1.1	2
12	In vivo two-photon imaging of macrophage activities in skeletal muscle regeneration. , 2018, , .		2
13	Dynamic particle allocation for CB-MeMber filter. , 2015, , .		0
14	In vivo study of lipid synthesis and lipolysis dynamics by stimulated Raman scattering microscopy. , 2018, , .		0
15	Adaptive optics two-photon microscopy for in vivo imaging of cortex and hippocampus in mouse brain. , 2019, , .		0
16	Adaptive optics two-photon microendoscopy for high-resolution and deep-brain imaging in vivo. , 2020, , .		0
17	Adaptive optics two-photon microscopy for in vivo imaging of mouse retina. , 2020, , .		0
18	In vivo high-resolution multimodal nonlinear optical microscopy of spinal cord in mice. , 2020, , .		0