

Zhenyue Chen

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

331
citations

840119

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940134

16
g-index

24
all docs

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docs citations

24
times ranked

233
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-invasive imaging of tau-targeted probe uptake by whole brain multi-spectral optoacoustic tomography. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 2137-2152.	3.3	23
2	Multiscale optical and optoacoustic imaging of amyloid- β^2 deposits in mice. <i>Nature Biomedical Engineering</i> , 2022, 6, 1031-1044.	11.6	39
3	Multimodal Noninvasive Functional Neurophotonic Imaging of Murine Brain-wide Sensory Responses. <i>Advanced Science</i> , 2022, 9, .	5.6	8
4	Diffuse optical localization imaging for noninvasive deep brain microangiography in the NIR-II window. <i>Optica</i> , 2021, 8, 796.	4.8	9
5	Croconaine-based nanoparticles enable efficient optoacoustic imaging of murine brain tumors. <i>Photoacoustics</i> , 2021, 22, 100263.	4.4	19
6	In-vitro and in-vivo characterization of CRANAD-2 for multi-spectral optoacoustic tomography and fluorescence imaging of amyloid-beta deposits in Alzheimer mice. <i>Photoacoustics</i> , 2021, 23, 100285.	4.4	32
7	Non-invasive optoacoustic imaging of tau in P301L mice. , 2021, , .		1
8	High-resolution fluorescence-guided transcranial ultrasound mapping in the live mouse brain. <i>Science Advances</i> , 2021, 7, eabi5464.	4.7	11
9	Cortex-wide microcirculation mapping with ultrafast large-field multifocal illumination microscopy. <i>Journal of Biophotonics</i> , 2020, 13, e202000198.	1.1	7
10	Multifocal structured illumination optoacoustic microscopy. <i>Light: Science and Applications</i> , 2020, 9, 152.	7.7	15
11	High-speed Large-field Multifocal Illumination Fluorescence Microscopy. <i>Laser and Photonics Reviews</i> , 2020, 14, 1900070.	4.4	16
12	Detection of cerebral tauopathy in P301L mice using high-resolution large-field multifocal illumination fluorescence microscopy. <i>Biomedical Optics Express</i> , 2020, 11, 4989.	1.5	22
13	Widefield fluorescence localization microscopy for transcranial imaging of cortical perfusion with capillary resolution. <i>Optics Letters</i> , 2020, 45, 3470.	1.7	4
14	Uniform light delivery in volumetric optoacoustic tomography. <i>Journal of Biophotonics</i> , 2019, 12, e201800387.	1.1	12
15	Concurrent fluorescence and volumetric optoacoustic tomography of nanoagent perfusion and bio-distribution in solid tumors. <i>Biomedical Optics Express</i> , 2019, 10, 5093.	1.5	19
16	Multifocal structured illumination optoacoustic microscopy. , 2019, , .		1
17	Performance of optoacoustic and fluorescence imaging in detecting deep-seated fluorescent agents. <i>Biomedical Optics Express</i> , 2018, 9, 2229.	1.5	41
18	Multifocal structured illumination fluorescence microscopy with large field-of-view and high spatio-temporal resolution. , 2018, , .		1

#	ARTICLE	IF	CITATIONS
19	Hybrid system for in vivo epifluorescence and 4D optoacoustic imaging. Optics Letters, 2017, 42, 4577.	1.7	32