Zhenyue Chen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2159282/publications.pdf

Version: 2024-02-01

19	331	840119 11	940134 16
papers	citations	h-index	g-index

24	24	24	233
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Performance of optoacoustic and fluorescence imaging in detecting deep-seated fluorescent agents. Biomedical Optics Express, 2018, 9, 2229.	1.5	41
2	Multiscale optical and optoacoustic imaging of amyloid-Î² deposits in mice. Nature Biomedical Engineering, 2022, 6, 1031-1044.	11.6	39
3	Hybrid system for in vivo epifluorescence and 4D optoacoustic imaging. Optics Letters, 2017, 42, 4577.	1.7	32
4	In-vitro and in-vivo characterization of CRANAD-2 for multi-spectral optoacoustic tomography and fluorescence imaging of amyloid-beta deposits in Alzheimer mice. Photoacoustics, 2021, 23, 100285.	4.4	32
5	Non-invasive imaging of tau-targeted probe uptake by whole brain multi-spectral optoacoustic tomography. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 2137-2152.	3.3	23
6	Detection of cerebral tauopathy in P301L mice using high-resolution large-field multifocal illumination fluorescence microscopy. Biomedical Optics Express, 2020, 11, 4989.	1.5	22
7	Croconaine-based nanoparticles enable efficient optoacoustic imaging of murine brain tumors. Photoacoustics, 2021, 22, 100263.	4.4	19
8	Concurrent fluorescence and volumetric optoacoustic tomography of nanoagent perfusion and bio-distribution in solid tumors. Biomedical Optics Express, 2019, 10, 5093.	1.5	19
9	Highâ€Speed Largeâ€Field Multifocal Illumination Fluorescence Microscopy. Laser and Photonics Reviews, 2020, 14, 1900070.	4.4	16
10	Multifocal structured illumination optoacoustic microscopy. Light: Science and Applications, 2020, 9, 152.	7.7	15
11	Uniform light delivery in volumetric optoacoustic tomography. Journal of Biophotonics, 2019, 12, e201800387.	1.1	12
12	High-resolution fluorescence-guided transcranial ultrasound mapping in the live mouse brain. Science Advances, 2021, 7, eabi5464.	4.7	11
13	Diffuse optical localization imaging for noninvasive deep brain microangiography in the NIR-II window. Optica, 2021, 8, 796.	4.8	9
14	Multimodal Noninvasive Functional Neurophotonic Imaging of Murine Brainâ€Wide Sensory Responses. Advanced Science, 2022, 9, .	5.6	8
15	Cortexâ€wide microcirculation mapping with ultrafast largeâ€field multifocal illumination microscopy. Journal of Biophotonics, 2020, 13, e202000198.	1.1	7
16	Widefield fluorescence localization microscopy for transcranial imaging of cortical perfusion with capillary resolution. Optics Letters, 2020, 45, 3470.	1.7	4
17	Multifocal structured illumination fluorescence microscopy with large field-of-view and high spatio-temporal resolution. , 2018, , .		1
18	Multifocal structured illumination optoacoustic microscopy. , 2019, , .		1

#	Article	IF	Citations
19	Non-invasive optoacoustic imaging of tau in P301L mice. , 2021, , .		1