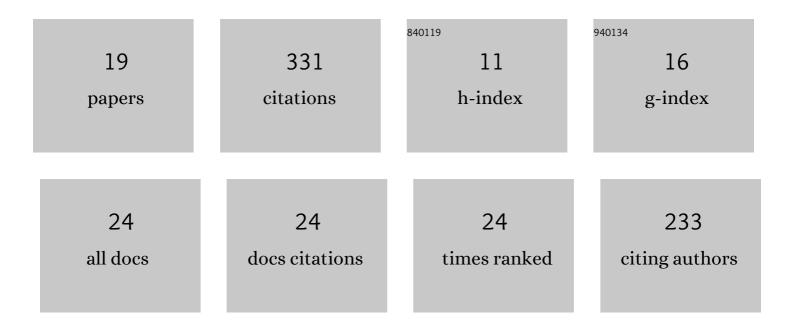
## Zhenyue Chen

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2159282/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	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
2	Multiscale optical and optoacoustic imaging of amyloid-β deposits in mice. Nature Biomedical Engineering, 2022, 6, 1031-1044.	11.6	39
3	Multimodal Noninvasive Functional Neurophotonic Imaging of Murine Brainâ€Wide Sensory Responses. Advanced Science, 2022, 9, .	5.6	8
4	Diffuse optical localization imaging for noninvasive deep brain microangiography in the NIR-II window. Optica, 2021, 8, 796.	4.8	9
5	Croconaine-based nanoparticles enable efficient optoacoustic imaging of murine brain tumors. Photoacoustics, 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. Photoacoustics, 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. Science Advances, 2021, 7, eabi5464.	4.7	11
9	Cortexâ€wide microcirculation mapping with ultrafast largeâ€field multifocal illumination microscopy. Journal of Biophotonics, 2020, 13, e202000198.	1.1	7
10	Multifocal structured illumination optoacoustic microscopy. Light: Science and Applications, 2020, 9, 152.	7.7	15
11	Highâ€Speed Largeâ€Field Multifocal Illumination Fluorescence Microscopy. Laser and Photonics Reviews, 2020, 14, 1900070.	4.4	16
12	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
13	Widefield fluorescence localization microscopy for transcranial imaging of cortical perfusion with capillary resolution. Optics Letters, 2020, 45, 3470.	1.7	4
14	Uniform light delivery in volumetric optoacoustic tomography. Journal of Biophotonics, 2019, 12, e201800387.	1.1	12
15	Concurrent fluorescence and volumetric optoacoustic tomography of nanoagent perfusion and bio-distribution in solid tumors. Biomedical Optics Express, 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. Biomedical Optics Express, 2018, 9, 2229.	1.5	41
18	Multifocal structured illumination fluorescence microscopy with large field-of-view and high spatio-temporal resolution. , 2018, , .		1

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#	Article	IF	CITATIONS	
19	Hybrid system for in vivo epifluorescence and 4D optoacoustic imaging. Optics Letters, 2017, 42, 45	77. 1.7	32	