

Tian Jin

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

383
citations

759233

12
h-index

888059

17
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17
all docs

17
docs citations

17
times ranked

339
citing authors

#	ARTICLE	IF	CITATIONS
1	Portable optical resolution photoacoustic microscopy (pORPAM) for human oral imaging. Optics Letters, 2017, 42, 4434.	3.3	74
2	Ultracompact high-resolution photoacoustic microscopy. Optics Letters, 2018, 43, 1615.	3.3	64
3	Opto-acousto-fluidic microscopy for three-dimensional label-free detection of droplets and cells in microchannels. Lab on A Chip, 2018, 18, 1292-1297.	6.0	35
4	Inverted multiscale optical resolution photoacoustic microscopy. Journal of Biophotonics, 2017, 10, 1580-1585.	2.3	30
5	Label-free photoacoustic imaging of the cardio-cerebrovascular development in the embryonic zebrafish. Biomedical Optics Express, 2017, 8, 2359.	2.9	28
6	<i>In vivo</i> oral imaging with integrated portable photoacoustic microscopy and optical coherence tomography. Applied Physics Letters, 2017, 111, .	3.3	21
7	Assessing hemorrhagic shock: Feasibility of using an ultracompact photoacoustic microscope. Journal of Biophotonics, 2019, 12, e201800348.	2.3	17
8	On-Chip Multicolor Photoacoustic Imaging Flow Cytometry. Analytical Chemistry, 2021, 93, 8134-8142.	6.5	17
9	An opto-acousto-fluidic microscopic system with a high spatiotemporal resolution for microfluidic applications. Optics Express, 2019, 27, 1425.	3.4	17
10	Portable optical resolution photoacoustic microscopy for volumetric imaging of multiscale organisms. Journal of Biophotonics, 2018, 11, e201700250.	2.3	16
11	Hybrid photoacoustic and electrophysiological recording of neurovascular communications in freely-moving rats. NeuroImage, 2017, 161, 232-240.	4.2	15
12	Design and evaluation of a compound acoustic lens for photoacoustic computed tomography. Biomedical Optics Express, 2017, 8, 2756.	2.9	14
13	Photoacoustic Imaging of Brain Functions: Wide Field-of-View Functional Imaging with High Spatiotemporal Resolution. Laser and Photonics Reviews, 2022, 16, .	8.7	13
14	Dual-model wearable photoacoustic microscopy and electroencephalograph: study of neurovascular coupling in anesthetized and freely moving rats. Biomedical Optics Express, 2021, 12, 6614.	2.9	7
15	Acoustic Standing Wave Aided Multiparametric Photoacoustic Imaging Flow Cytometry. Analytical Chemistry, 2021, 93, 14820-14827.	6.5	6
16	Photoacoustic microscopy visualizes glioma-induced disruptions of cortical microvascular structure and function. Journal of Neural Engineering, 2022, 19, 026027.	3.5	6
17	Multicolor Photoacoustic Volumetric Imaging of Subcellular Structures. ACS Nano, 2022, 16, 3231-3238.	14.6	3