

Chao Liu

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

639
citations

840119

11
h-index

996533

15
g-index

18
all docs

18
docs citations

18
times ranked

803
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional photoacoustic microscopy of hemodynamics: a review. <i>Biomedical Engineering Letters</i> , 2022, 12, 97-124.	2.1	21
2	Two-step proximal gradient descent algorithm for photoacoustic signal unmixing. <i>Photoacoustics</i> , 2022, 27, 100379.	4.4	5
3	Controllable Cleavage of C-N Bond-Based Fluorescent and Photoacoustic Dual-Modal Probes for the Detection of H ₂ S in Living Mice. <i>ACS Applied Bio Materials</i> , 2021, 4, 2020-2025.	2.3	22
4	Five-wavelength optical-resolution photoacoustic microscopy of blood and lymphatic vessels. <i>Advanced Photonics</i> , 2021, 3, .	6.2	42
5	Review of photoacoustic imaging for microrobots tracking in vivo [Invited]. <i>Chinese Optics Letters</i> , 2021, 19, 111701.	1.3	13
6	Self-Fluence-Compensated Functional Photoacoustic Microscopy. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 3856-3866.	5.4	14
7	Low-consumption photoacoustic method to measure liquid viscosity. <i>Biomedical Optics Express</i> , 2021, 12, 7139.	1.5	9
8	Single-shot photoacoustic microscopy of hemoglobin concentration, oxygen saturation, and blood flow in sub-microseconds. <i>Photoacoustics</i> , 2020, 17, 100156.	4.4	56
9	Micro-rocket robot with all-optic actuating and tracking in blood. <i>Light: Science and Applications</i> , 2020, 9, 84.	7.7	100
10	Effective Phototheranostics of Brain Tumor Assisted by Near-Infrared-II Light-Responsive Semiconducting Polymer Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 33492-33499.	4.0	100
11	3D printed microstructures for flexible electronic devices. <i>Nanotechnology</i> , 2019, 30, 414001.	1.3	26
12	Characterizing Nanoparticle Swarms With Tuneable Concentrations for Enhanced Imaging Contrast. <i>IEEE Robotics and Automation Letters</i> , 2019, 4, 2942-2949.	3.3	36
13	Single-shot linear dichroism optical-resolution photoacoustic microscopy. <i>Photoacoustics</i> , 2019, 16, 100148.	4.4	29
14	Optical-resolution photoacoustic microscopy of oxygen saturation with nonlinear compensation. <i>Biomedical Optics Express</i> , 2019, 10, 3061.	1.5	39
15	Nonlinear oxygen saturation measurement for functional photoacoustic microscopy (Conference) Tj ETQq1 1 0.784314 rgBT ₀ /Overlock		
16	Organic Semiconducting Polymer Nanoparticles for Photoacoustic Labeling and Tracking of Stem Cells in the Second Near-Infrared Window. <i>ACS Nano</i> , 2018, 12, 12201-12211.	7.3	127
17	Single-Cell Optical-Resolution Photoacoustic Microscopy. , 2018, , .		0
18	A short switching time pulsed laser for functional photoacoustic microscopy (Conference) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td (f		