

Jiangbo Chen

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

292
citations

932766

10
h-index

940134

16
g-index

18
all docs

18
docs citations

18
times ranked

243
citing authors

#	ARTICLE	IF	CITATIONS
1	Wide-field polygon-scanning photoacoustic microscopy of oxygen saturation at 1-MHz A-line rate. <i>Photoacoustics</i> , 2020, 20, 100195.	4.4	62
2	Five-wavelength optical-resolution photoacoustic microscopy of blood and lymphatic vessels. <i>Advanced Photonics</i> , 2021, 3, .	6.2	42
3	Single-shot linear dichroism optical-resolution photoacoustic microscopy. <i>Photoacoustics</i> , 2019, 16, 100148.	4.4	29
4	Curvature-adaptive multi-jet polishing of freeform surfaces. <i>CIRP Annals - Manufacturing Technology</i> , 2018, 67, 357-360.	1.7	27
5	Confocal visible/NIR photoacoustic microscopy of tumors with structural, functional, and nanoprobe contrasts. <i>Photonics Research</i> , 2020, 8, 1875.	3.4	25
6	High-resolution photoacoustic microscopy with deep penetration through learning. <i>Photoacoustics</i> , 2022, 25, 100314.	4.4	19
7	Plasmonic-doped melanin-mimic for CXCR4-targeted NIR-II photoacoustic computed tomography-guided photothermal ablation of orthotopic hepatocellular carcinoma. <i>Acta Biomaterialia</i> , 2021, 129, 245-257.	4.1	15
8	A multifunctional targeted nanoprobe with high NIR-II PAI/MRI performance for precise theranostics of orthotopic early-stage hepatocellular carcinoma. <i>Journal of Materials Chemistry B</i> , 2021, 9, 8779-8792.	2.9	15
9	Self-Fluence-Compensated Functional Photoacoustic Microscopy. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 3856-3866.	5.4	14
10	Super-Resolution Photoacoustic Microscopy Using Structured-Illumination. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 2197-2207.	5.4	12
11	High acoustic numerical aperture photoacoustic microscopy with improved sensitivity. <i>Optics Letters</i> , 2020, 45, 628.	1.7	11
12	Dual-foci fast-scanning photoacoustic microscopy with 3.2-MHz A-line rate. <i>Photoacoustics</i> , 2021, 23, 100292.	4.4	9
13	Super-Resolution Photoacoustic Microscopy via Modified Phase Compounding. <i>IEEE Transactions on Medical Imaging</i> , 2022, 41, 3411-3420.	5.4	4
14	Modelling and application of particle distribution for atmospheric plasma excitation. <i>International Journal of Nanomanufacturing</i> , 2017, 13, 43.	0.3	3
15	Multi-focus image fusion with enhancement filtering for robust vascular quantification using photoacoustic microscopy. <i>Optics Letters</i> , 2022, 47, 3732.	1.7	3
16	Deterministic removal of atmospheric pressure plasma polishing based on the Lucy-Richardson algorithm. <i>Machining Science and Technology</i> , 2018, 22, 953-967.	1.4	2
17	Confocal Visible/NIR Photoacoustic Microscopy of Early-stage Tumor with Structural, Functional and Nanoprobe Contrasts. , 2021, , .		0
18	Super-resolution photoacoustic microscopy beyond diffraction limit: preliminary results. , 2022, , .		0