

Chiye Li

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

1,562
citations

430874

18
h-index

501196

28
g-index

44
all docs

44
docs citations

44
times ranked

1590
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-shot compressed ultrafast photography at one hundred billion frames per second. <i>Nature</i> , 2014, 516, 74-77.	27.8	450
2	Label-free photoacoustic nanoscopy. <i>Journal of Biomedical Optics</i> , 2014, 19, 1.	2.6	124
3	Optical Drug Monitoring: Photoacoustic Imaging of Nanosensors to Monitor Therapeutic Lithium <i>in Vivo</i> . <i>ACS Nano</i> , 2015, 9, 1692-1698.	14.6	113
4	Photoimprint Photoacoustic Microscopy for Three-Dimensional Label-Free Subdiffraction Imaging. <i>Physical Review Letters</i> , 2014, 112, 014302.	7.8	111
5	A 25-mm diameter probe for photoacoustic and ultrasonic endoscopy. <i>Optics Express</i> , 2012, 20, 23944.	3.4	110
6	Optical-resolution photoacoustic endomicroscopy in vivo. <i>Biomedical Optics Express</i> , 2015, 6, 918.	2.9	73
7	Single-cell photoacoustic thermometry. <i>Journal of Biomedical Optics</i> , 2013, 18, 026003.	2.6	60
8	Handheld photoacoustic probe to detect both melanoma depth and volume at high speed <i>in vivo</i> . <i>Journal of Biophotonics</i> , 2015, 8, 961-967.	2.3	55
9	Catheter-based photoacoustic endoscope. <i>Journal of Biomedical Optics</i> , 2014, 19, 1.	2.6	52
10	Encrypted Three-dimensional Dynamic Imaging using Snapshot Time-of-flight Compressed Ultrafast Photography. <i>Scientific Reports</i> , 2015, 5, 15504.	3.3	52
11	Photoacoustic elastography. <i>Optics Letters</i> , 2016, 41, 725.	3.3	41
12	Random-access optical-resolution photoacoustic microscopy using a digital micromirror device. <i>Optics Letters</i> , 2013, 38, 2683.	3.3	38
13	Urogenital photoacoustic endoscope. <i>Optics Letters</i> , 2014, 39, 1473.	3.3	38
14	Intracellular temperature mapping with fluorescence-assisted photoacoustic-thermometry. <i>Applied Physics Letters</i> , 2013, 102, 193705.	3.3	37
15	Transvaginal fast-scanning optical-resolution photoacoustic endoscopy. <i>Journal of Biomedical Optics</i> , 2018, 23, 1.	2.6	32
16	Spatially Fourier-encoded photoacoustic microscopy using a digital micromirror device. <i>Optics Letters</i> , 2014, 39, 430.	3.3	30
17	Slow-sound photoacoustic microscopy. <i>Applied Physics Letters</i> , 2013, 102, 163702.	3.3	25
18	Photoacoustic tomography of vascular compliance in humans. <i>Journal of Biomedical Optics</i> , 2015, 20, 126008.	2.6	23

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19	Dry coupling for whole-body small-animal photoacoustic computed tomography. <i>Journal of Biomedical Optics</i> , 2017, 22, 1.	2.6	17
20	Photobleaching imprinting microscopy: seeing clearer and deeper. <i>Journal of Cell Science</i> , 2013, 127, 288-94.	2.0	12
21	Photothermal bleaching in time-lapse photoacoustic microscopy. <i>Journal of Biophotonics</i> , 2013, 6, 543-548.	2.3	12
22	Nonlinear light-sheet fluorescence microscopy by photobleaching imprinting. <i>Journal of the Royal Society Interface</i> , 2014, 11, 20130851.	3.4	11
23	Optical sectioning by wide-field photobleaching imprinting microscopy. <i>Applied Physics Letters</i> , 2013, 103, 183703.	3.3	8
24	Reversibly switchable fluorescence microscopy with enhanced resolution and image contrast. <i>Journal of Biomedical Optics</i> , 2014, 19, 086018.	2.6	8
25	A Review of High-Frequency Ultrasonic Transducers for Photoacoustic Imaging Applications. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2022, 69, 1848-1858.	3.0	8
26	Photoacoustic recovery after photothermal bleaching in living cells. <i>Journal of Biomedical Optics</i> , 2013, 18, 106004.	2.6	7
27	In vivo characterization of connective tissue remodeling using infrared photoacoustic spectra. <i>Journal of Biomedical Optics</i> , 2018, 23, 1-6.	2.6	5
28	Catheter-based photoacoustic endoscope for use in the instrument channel of a clinical video endoscope. , 2015, , .		3
29	Photoacoustic endoscopic imaging study of melanoma tumor growth in a rat colorectum <i>in vivo</i> . , 2013, , .		2
30	DMD-based random-access optical-resolution photoacoustic microscopy. , 2014, , .		2
31	Photo-imprint super-resolution photoacoustic microscopy. , 2015, , .		2
32	Detecting both melanoma depth and volume <i>in vivo</i> with a handheld photoacoustic probe. <i>Proceedings of SPIE</i> , 2016, , .	0.8	1
33	Single-cell photoacoustic thermometry. <i>Proceedings of SPIE</i> , 2013, , .	0.8	0
34	Photoacoustic endoscopic imaging of the rabbit mediastinum. , 2013, , .		0
35	A parabolic mirror-based proximally actuated photoacoustic endoscope. <i>Proceedings of SPIE</i> , 2013, , .	0.8	0
36	Photothermal bleaching and recovery analysis in photoacoustic microscopy. <i>Proceedings of SPIE</i> , 2014, , .	0.8	0

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37	Photothermal bleaching in time-lapse photoacoustic microscopy. , 2014, , .		0
38	Intracellular temperature mapping with fluorescence-assisted photoacoustic thermometry. Proceedings of SPIE, 2014, , .	0.8	0
39	Photoacoustic microscopy with an enhanced axial resolution of $5.8 \hat{=} 1/4$ m. Proceedings of SPIE, 2014, , .	0.8	0
40	Sub-diffraction-limited imaging by photobleaching imprinting microscopy. , 2014, , .		0
41	DMD-based spatially Fourier-encoded photoacoustic microscopy. Proceedings of SPIE, 2015, , .	0.8	0
42	Label-free optical-resolution photoacoustic endomicroscopy in vivo. , 2015, , .		0
43	Vascular elastic photoacoustic tomography in humans. Proceedings of SPIE, 2016, , .	0.8	0
44	Time-of-flight compressed-sensing ultrafast photography for encrypted three-dimensional dynamic imaging. , 2016, , .		0