

Chiye Li

List of Publications by Year in descending order

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44
papers

1,562
citations

430874

18
h-index

501196

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44
all docs

44
docs citations

44
times ranked

1590
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review of High-Frequency Ultrasonic Transducers for Photoacoustic Imaging Applications. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2022, 69, 1848-1858.	3.0	8
2	Transvaginal fast-scanning optical-resolution photoacoustic endoscopy. Journal of Biomedical Optics, 2018, 23, 1.	2.6	32
3	In vivo characterization of connective tissue remodeling using infrared photoacoustic spectra. Journal of Biomedical Optics, 2018, 23, 1-6.	2.6	5
4	Dry coupling for whole-body small-animal photoacoustic computed tomography. Journal of Biomedical Optics, 2017, 22, 1.	2.6	17
5	Vascular elastic photoacoustic tomography in humans. Proceedings of SPIE, 2016, , .	0.8	0
6	Detecting both melanoma depth and volume <i>in vivo</i> with a handheld photoacoustic probe. Proceedings of SPIE, 2016, , .	0.8	1
7	Time-of-flight compressed-sensing ultrafast photography for encrypted three-dimensional dynamic imaging. , 2016, , .		0
8	Photoacoustic elastography. Optics Letters, 2016, 41, 725.	3.3	41
9	Encrypted Three-dimensional Dynamic Imaging using Snapshot Time-of-flight Compressed Ultrafast Photography. Scientific Reports, 2015, 5, 15504.	3.3	52
10	Catheter-based photoacoustic endoscope for use in the instrument channel of a clinical video endoscope. , 2015, , .		3
11	Photoacoustic tomography of vascular compliance in humans. Journal of Biomedical Optics, 2015, 20, 126008.	2.6	23
12	Optical Drug Monitoring: Photoacoustic Imaging of Nanosensors to Monitor Therapeutic Lithium <i>in Vivo</i> . ACS Nano, 2015, 9, 1692-1698.	14.6	113
13	Handheld photoacoustic probe to detect both melanoma depth and volume at high speed <i>in vivo</i> . Journal of Biophotonics, 2015, 8, 961-967.	2.3	55
14	Photo-imprint super-resolution photoacoustic microscopy. , 2015, , .		2
15	Optical-resolution photoacoustic endomicroscopy in vivo. Biomedical Optics Express, 2015, 6, 918.	2.9	73
16	DMD-based spatially Fourier-encoded photoacoustic microscopy. Proceedings of SPIE, 2015, , .	0.8	0
17	Label-free optical-resolution photoacoustic endomicroscopy in vivo. , 2015, , .		0
18	Photothermal bleaching and recovery analysis in photoacoustic microscopy. Proceedings of SPIE, 2014, , .	0.8	0

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19	Photothermal bleaching in time-lapse photoacoustic microscopy. , 2014, , .		0
20	Intracellular temperature mapping with fluorescence-assisted photoacoustic thermometry. Proceedings of SPIE, 2014, , .	0.8	0
21	Photoacoustic microscopy with an enhanced axial resolution of 5.8 μ m. Proceedings of SPIE, 2014, , .	0.8	0
22	Spatially Fourier-encoded photoacoustic microscopy using a digital micromirror device. Optics Letters, 2014, 39, 430.	3.3	30
23	Single-shot compressed ultrafast photography at one hundred billion frames per second. Nature, 2014, 516, 74-77.	27.8	450
24	Catheter-based photoacoustic endoscope. Journal of Biomedical Optics, 2014, 19, 1.	2.6	52
25	DMD-based random-access optical-resolution photoacoustic microscopy. , 2014, , .		2
26	Label-free photoacoustic nanoscopy. Journal of Biomedical Optics, 2014, 19, 1.	2.6	124
27	Reversibly switchable fluorescence microscopy with enhanced resolution and image contrast. Journal of Biomedical Optics, 2014, 19, 086018.	2.6	8
28	Nonlinear light-sheet fluorescence microscopy by photobleaching imprinting. Journal of the Royal Society Interface, 2014, 11, 20130851.	3.4	11
29	Photoimprint Photoacoustic Microscopy for Three-Dimensional Label-Free Subdiffraction Imaging. Physical Review Letters, 2014, 112, 014302.	7.8	111
30	Urogenital photoacoustic endoscope. Optics Letters, 2014, 39, 1473.	3.3	38
31	Sub-diffraction-limited imaging by photobleaching imprinting microscopy. , 2014, , .		0
32	Slow-sound photoacoustic microscopy. Applied Physics Letters, 2013, 102, 163702.	3.3	25
33	Intracellular temperature mapping with fluorescence-assisted photoacoustic-thermometry. Applied Physics Letters, 2013, 102, 193705.	3.3	37
34	Photobleaching imprinting microscopy: seeing clearer and deeper. Journal of Cell Science, 2013, 127, 288-94.	2.0	12
35	Single-cell photoacoustic thermometry. Proceedings of SPIE, 2013, , .	0.8	0
36	Photoacoustic endoscopic imaging study of melanoma tumor growth in a rat colorectum in vivo. , 2013, , .		2

#	ARTICLE	IF	CITATIONS
37	Photoacoustic endoscopic imaging of the rabbit mediastinum. , 2013, , .		0
38	A parabolic mirror-based proximally actuated photoacoustic endoscope. Proceedings of SPIE, 2013, , .	0.8	0
39	Random-access optical-resolution photoacoustic microscopy using a digital micromirror device. Optics Letters, 2013, 38, 2683.	3.3	38
40	Photoacoustic recovery after photothermal bleaching in living cells. Journal of Biomedical Optics, 2013, 18, 106004.	2.6	7
41	Single-cell photoacoustic thermometry. Journal of Biomedical Optics, 2013, 18, 026003.	2.6	60
42	Photothermal bleaching in time-lapse photoacoustic microscopy. Journal of Biophotonics, 2013, 6, 543-548.	2.3	12
43	Optical sectioning by wide-field photobleaching imprinting microscopy. Applied Physics Letters, 2013, 103, 183703.	3.3	8
44	A 25-mm diameter probe for photoacoustic and ultrasonic endoscopy. Optics Express, 2012, 20, 23944.	3.4	110