Lei Li

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/557238/publications.pdf

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36	2,834	304368	395343
papers	citations	22 h-index	33 g-index

36	36	36	2685
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multiscale photoacoustic tomography of a genetically encoded near-infrared FRET biosensor. , 2022, , .		0
2	Integration of photoacoustic computed tomography with multitargeted polymer-based nanoparticles visualizes breast cancer intratumor heterogeneity. , 2022, , .		0
3	Neurophotonic Tools for Microscopic Measurements and Manipulation: Status Report. Neurophotonics, 2022, 9, 013001.	1.7	17
4	Integration of Multitargeted Polymer-Based Contrast Agents with Photoacoustic Computed Tomography: An Imaging Technique to Visualize Breast Cancer Intratumor Heterogeneity. ACS Nano, 2021, 15, 2413-2427.	7.3	16
5	Snapshot photoacoustic topography through an ergodic relay of optical absorption in vivo. Nature Protocols, 2021, 16, 2381-2394.	5.5	12
6	Recent Advances in Photoacoustic Tomography. BME Frontiers, 2021, 2021, .	2.2	34
7	Multiscale Photoacoustic Tomography of a Genetically Encoded Nearâ€Infrared FRET Biosensor. Advanced Science, 2021, 8, e2102474.	5.6	12
8	Spatiotemporal Antialiasing in Photoacoustic Computed Tomography. IEEE Transactions on Medical Imaging, 2020, 39, 3535-3547.	5.4	32
9	Fighting against Fast Speckle Decorrelation for Light Focusing inside Live Tissue by Photon Frequency Shifting. ACS Photonics, 2020, 7, 837-844.	3.2	11
10	Snapshot photoacoustic topography through an ergodic relay for high-throughput imaging of optical absorption. Nature Photonics, 2020, 14, 164-170.	15.6	70
11	Photoacoustic topography through an ergodic relay for functional imaging and biometric application in vivo. Journal of Biomedical Optics, 2020, 25, 1.	1.4	14
12	Photoacoustic Tomography of Neural Systems. , 2020, , 349-378.		7
13	A microrobotic system guided by photoacoustic computed tomography for targeted navigation in intestines in vivo. Science Robotics, 2019, 4, .	9.9	321
14	High-resolution, high-contrast mid-infrared imaging of fresh biological samples with ultraviolet-localized photoacoustic microscopy. Nature Photonics, 2019, 13, 609-615.	15.6	158
15	In vivo superresolution photoacoustic computed tomography by localization of single dyed droplets. Light: Science and Applications, 2019, 8, 36.	7.7	67
16	Focusing light inside live tissue using reversibly switchable bacterial phytochrome as a genetically encoded photochromic guide star. Science Advances, 2019, 5, eaay1211.	4.7	26
17	Highâ€resolution deep functional imaging of the whole mouse brain by photoacoustic computed tomography in vivo. Journal of Biophotonics, 2018, 11, e201700024.	1.1	86
18	Correcting the limited view in opticalâ€resolution photoacoustic microscopy. Journal of Biophotonics, 2018, 11, e201700196.	1.1	15

#	Article	IF	Citations
19	Dichroism-sensitive photoacoustic computed tomography. Optica, 2018, 5, 495.	4.8	29
20	Small near-infrared photochromic protein for photoacoustic multi-contrast imaging and detection of protein interactions in vivo. Nature Communications, 2018, 9, 2734.	5.8	77
21	Multiscale Photoacoustic Tomography. Optics and Photonics News, 2018, 29, 32.	0.4	8
22	Parameterized Joint Reconstruction of the Initial Pressure and Sound Speed Distributions for Photoacoustic Computed Tomography. SIAM Journal on Imaging Sciences, 2018, 11, 1560-1588.	1.3	28
23	Single-breath-hold photoacoustic computed tomography of the breast. Nature Communications, 2018, 9, 2352.	5.8	290
24	High-throughput ultraviolet photoacoustic microscopy with multifocal excitation. Journal of Biomedical Optics, 2018, 23, 1.	1.4	26
25	Dual-axis illumination for virtually augmenting the detection view of optical-resolution photoacoustic microscopy. Journal of Biomedical Optics, 2018, 23, 1.	1.4	8
26	Dry coupling for whole-body small-animal photoacoustic computed tomography. Journal of Biomedical Optics, 2017, 22, 1.	1.4	17
27	Single-impulse panoramic photoacoustic computed tomography of small-animal whole-body dynamics at high spatiotemporal resolution. Nature Biomedical Engineering, 2017, 1, .	11.6	334
28	Mitigation of artifacts due to isolated acoustic heterogeneities in photoacoustic computed tomography using a variable data truncation-based reconstruction method. Journal of Biomedical Optics, 2017, 22, 041018.	1.4	21
29	Multiview Hilbert transformation in full-ring transducer array-based photoacoustic computed tomography. Journal of Biomedical Optics, 2017, 22, 076017.	1.4	34
30	Photoacoustic imaging of voltage responses beyond the optical diffusion limit. Scientific Reports, 2017, 7, 2560.	1.6	50
31	In vivo label-free photoacoustic flow cytography and on-the-spot laser killing of single circulating melanoma cells. Scientific Reports, 2016, 6, 39616.	1.6	69
32	Label-free photoacoustic tomography of whole mouse brain structures ex vivo. Neurophotonics, 2016, 3, 1.	1.7	47
33	Multiscale photoacoustic tomography using reversibly switchable bacterial phytochrome as a near-infrared photochromic probe. Nature Methods, 2016, 13, 67-73.	9.0	206
34	Multiview Hilbert transformation for full-view photoacoustic computed tomography using a linear array. Journal of Biomedical Optics, 2015, 20, 1.	1.4	68
35	High-speed label-free functional photoacoustic microscopy of mouse brain in action. Nature Methods, 2015, 12, 407-410.	9.0	555
36	Fully motorized optical-resolution photoacoustic microscopy. Optics Letters, 2014, 39, 2117.	1.7	69