

Riqiang Lin

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

787
citations

567281

15
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

989
citing authors

#	ARTICLE	IF	CITATIONS
1	Intravascular Optical-Resolution Photoacoustic Tomography with a 1.1 mm Diameter Catheter. PLoS ONE, 2014, 9, e92463.	2.5	103
2	Blind-deconvolution optical-resolution photoacoustic microscopy in vivo. Optics Express, 2013, 21, 7316.	3.4	81
3	Multi-parametric quantitative microvascular imaging with optical-resolution photoacoustic microscopy in vivo. Optics Express, 2014, 22, 1500.	3.4	69
4	In vivo photoacoustic molecular imaging of breast carcinoma with folate receptor-targeted indocyanine green nanoprobes. Nanoscale, 2014, 6, 14270-14279.	5.6	67
5	Linear array-based real-time photoacoustic imaging system with a compact coaxial excitation handheld probe for noninvasive sentinel lymph node mapping. Biomedical Optics Express, 2018, 9, 1408.	2.9	66
6	High-speed intravascular spectroscopic photoacoustic imaging at 1000 A-lines per second with a 0.9-mm diameter catheter. Journal of Biomedical Optics, 2015, 20, 1.	2.6	65
7	Reflection-mode in vivo photoacoustic microscopy with subwavelength lateral resolution. Biomedical Optics Express, 2014, 5, 4235.	2.9	59
8	<i>In vivo</i> photoacoustic/ultrasonic dual-modality endoscopy with a miniaturized full field-of-view catheter. Journal of Biophotonics, 2018, 11, e201800034.	2.3	55
9	Advances in Imaging Techniques and Genetically Encoded Probes for Photoacoustic Imaging. Theranostics, 2016, 6, 2414-2430.	10.0	38
10	Motion Correction in Optical Resolution Photoacoustic Microscopy. IEEE Transactions on Medical Imaging, 2019, 38, 2139-2150.	8.9	37
11	Longitudinal label-free optical-resolution photoacoustic microscopy of tumor angiogenesis in vivo. Quantitative Imaging in Medicine and Surgery, 2015, 5, 23-9.	2.0	34
12	Quantitative analysis on in vivo tumor microvascular images from optical-resolution photoacoustic microscopy. Journal of Biophotonics, 2019, 12, e201800421.	2.3	24
13	Three-dimensional Hessian matrix-based quantitative vascular imaging of rat iris with optical-resolution photoacoustic microscopy in vivo. Journal of Biomedical Optics, 2018, 23, 1.	2.6	23
14	Multi-spectral intravascular photoacoustic/ultrasound/optical coherence tomography tri-modality system with a fully-integrated 0.9-mm full field-of-view catheter for plaque vulnerability imaging. Biomedical Optics Express, 2021, 12, 1934.	2.9	20
15	Compressed sensing based virtual-detector photoacoustic microscopy <i>in vivo</i> . Journal of Biomedical Optics, 2014, 19, 036003.	2.6	16
16	Full three-dimensional segmentation and quantification of tumor vessels for photoacoustic images. Photoacoustics, 2020, 20, 100212.	7.8	13
17	Multiscale Vascular Enhancement Filter Applied to <i>In Vivo</i> Morphologic and Functional Photoacoustic Imaging of Rat Ocular Vasculature. IEEE Photonics Journal, 2019, 11, 1-12.	2.0	12
18	A microvascular image analysis method for optical-resolution photoacoustic microscopy. Journal of Innovative Optical Health Sciences, 2020, 13, 2050019.	1.0	2

#	ARTICLE	IF	CITATIONS
19	Photoacoustic/Ultrasonic Dual-Modality Endoscopy in Vivo. IFMBE Proceedings, 2019, , 137-138.	0.3	1
20	High-Speed Intravascular Spectroscopic Photoacoustic Imaging at Two Spectral Bands. IFMBE Proceedings, 2019, , 159-160.	0.3	0