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Photoacoustic Tomography

	总计	2017 年至今
引用	127	127
h 指数	6	6
i10 指数	4	4

11 篇文章 3 篇文章

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根据资金授权书

标题	引用次数	年份
Hand-held free-scan 3D photoacoustic tomography with global positioning system D Jiang, H Chen, R Zheng, F Gao Journal of Applied Physics 132 (7), 074904		2022
Inside Cover D Jiang, Y Xu, H Lan, Y Shen, Y Zhang, F Gao, L Liu, F Gao Journal of Biophotonics 15 (7), e202270017		2022
FPGA Acceleration of Image Reconstruction for Real-Time Photoacoustic Tomography Z Gao, Y Shen, D Jiang, F Liu, F Gao, F Gao arXiv preprint arXiv:2204.14084		2022
Programmable Acoustic Delay-Line Enabled Low-Cost Photoacoustic Tomography System D Jiang, H Lan, Y Wang, Y Shen, F Gao, F Gao IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control		2022
Size-adjustable ring-shape photoacoustic tomography imager in vivo D Jiang, Y Xu, H Lan, Y Shen, Y Zhang, F Gao, L Liu, F Gao Journal of Biophotonics, e202200070		2022
Hand-held 3D Photoacoustic Imager with GPS D Jiang, H Chen, Y Shen, Y Zhang, F Gao, R Zheng, F Gao arXiv preprint arXiv:2203.09048		2022
Size-adjustable Ring-shape Photoacoustic Tomography System D Jiang, Y Xu, H Lan, F Gao, F Gao arXiv preprint arXiv:2112.11630		2021
Deep learning enabled real-time photoacoustic tomography system via single data acquisition channel H Lan, D Jiang, F Gao, F Gao Photoacoustics 22, 100270	6	2021
Photoacoustic-monitored laser treatment for tattoo removal: a feasibility study Y Wang, D Jiang, H Lan, F Gao, F Gao arXiv preprint arXiv:2105.12288		2021

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The limited-view compensation of photoacoustic tomography via deep learning H Lan, D Jiang, F Gao Photons Plus Ultrasound: Imaging and Sensing 2021 11642, 267-271		2021
Deep learning enabled real-time photoacoustic tomography system via single data acquisition channel D Jiang, H Lan, F Gao Photons Plus Ultrasound: Imaging and Sensing 2021 11642, 175-181		2021
A broadband PA signal enhancement method with morphological frequency convolution for photoacoustic tomography D Jiang, H Lan, F Gao Photons Plus Ultrasound: Imaging and Sensing 2021 11642, 255-259		2021
Low-Cost Optoacoustic Tomography System with Programmable Acoustic Delay-Line D Jiang, H Lan, Y Wang, F Gao, F Gao arXiv preprint arXiv:2012.03943		2020
Y-Net: Hybrid deep learning image reconstruction for photoacoustic tomography in vivo H Lan, D Jiang, C Yang, F Gao, F Gao Photoacoustics 20, 100197	43	2020
Light-scanning hand-held photoacoustic probe design Y Zhao, L Zhu, H Lan, D Jiang, F Gao, F Gao arXiv preprint arXiv:2011.03446		2020
A Light-Adjustable Hand-Held Probe for Photoacoustic Tomography *in vivo* Y Zhao, S Yu, L Zhu, J Li, H Lan, D Jiang, F Gao, J Li, F Gao IEEE Journal of Selected Topics in Quantum Electronics 27 (4), 1-11	2	2020
Frequency-domain Dual-contrast Photoacoustic Imaging with Chirp Modulation Y Wang, H Zhong, D Jiang, H Lan, J Zhang, M Yaxin, F Gao, F Gao 2020 42nd Annual International Conference of the IEEE Engineering in …	1	2020
Low-cost multi-wavelength photoacoustic imaging based on portable continuous-wave laser diode module H Zhong, D Jiang, H Lan, T Duan, F Gao, F Gao IEEE Transactions on Biomedical Circuits and Systems 14 (4), 738-745	3	2020
Low-power magnetoacoustic sensing with 30W power amplifier Y Xu, H Zhong, D Jiang, F Gao 2019 IEEE Asia-Pacific Microwave Conference (APMC), 1164-1166	1	2019

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Multi-wavelengths nonlinear photoacoustic imaging based on compact laser diode system H Zhong, Y Wang, T Duan, D Jiang, C Yang, F Gao 2019 IEEE Biomedical Circuits and Systems Conference (BioCAS), 1-4	3	2019
Deep learning approach to reconstruct the photoacoustic image using multi-frequency data H Lan, C Yang, D Jiang, F Gao 2019 IEEE International Ultrasonics Symposium (IUS), 487-489	4	2019
Low-cost photoacoustic tomography system based on water-made acoustic delay-line D Jiang, Y Xu, Y Zhao, H Lan, F Gao 2019 IEEE International Ultrasonics Symposium (IUS), 2369-2372	4	2019
Image infusion of photoacoustic imaging based on novel adjustable hand-held probe Y Zhao, D Jiang, H Lan, F Gao 2019 IEEE International Ultrasonics Symposium (IUS), 2366-2368	3	2019
Y-Net: a hybrid deep learning reconstruction framework for photoacoustic imaging in vivo H Lan, D Jiang, C Yang, F Gao arXiv preprint arXiv:1908.00975	9	2019
Reconstruct the photoacoustic image based on deep learning with multi-frequency ring-shape transducer array H Lan, C Yang, D Jiang, F Gao 2019 41st Annual International Conference of the IEEE Engineering in …	14	2019
Fingertip laser diode system enables both time-domain and frequency-domain photoacoustic imaging H Zhong, D Jiang, T Duan, H Lan, J Zhang, F Gao 2019 IEEE International Symposium on Circuits and Systems (ISCAS), 1-4	2	2019
Low-cost photoacoustic tomography system based on multi-channel delay-line module D Jiang, H Lan, H Zhong, Y Zhao, H Li, F Gao IEEE Transactions on Circuits and Systems II: Express Briefs 66 (5), 778-782	16	2019
Dual-contrast nonlinear photoacoustic sensing and imaging based on single high-repetition-rate pulsed laser H Lan, T Duan, D Jiang, H Zhong, M Zhou, F Gao IEEE Sensors Journal 19 (14), 5559-5565	13	2019
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