Xiaojing Gong

List of Publications by Year
in descending order

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23	916	566801	610482
papers	citations	15 h-index	24 g-index

24	24	24	1305
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Singleâ€Layer MoS₂ Nanosheets with Amplified Photoacoustic Effect for Highly Sensitive Photoacoustic Imaging of Orthotopic Brain Tumors. Advanced Functional Materials, 2016, 26, 8715-8725.	7.8	136
2	Intravascular Optical-Resolution Photoacoustic Tomography with a 1.1 mm Diameter Catheter. PLoS ONE, 2014, 9, e92463.	1.1	103
3	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.	1.5	66
4	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.	1.4	65
5	Reflection-mode in vivo photoacoustic microscopy with subwavelength lateral resolution. Biomedical Optics Express, 2014, 5, 4235.	1.5	59
6	Indocyanine Green Loaded Reduced Graphene Oxide for In Vivo Photoacoustic/Fluorescence Dual-Modality Tumor Imaging. Nanoscale Research Letters, 2016, 11, 85.	3.1	57
7	In vivo photoacoustic/ultrasonic dualâ€modality endoscopy with a miniaturized full fieldâ€ofâ€view catheter. Journal of Biophotonics, 2018, 11, e201800034.	1.1	55
8	In vivo assessment of inflammation in carotid atherosclerosis by noninvasive photoacoustic imaging. Theranostics, 2020, 10, 4694-4704.	4.6	52
9	Highly Sensitive MoS2â€“Indocyanine Green Hybrid for Photoacoustic Imaging of Orthotopic Brain Glioma at Deep Site. Nano-Micro Letters, 2018, 10, 48.	14.4	41
10	Advances in Imaging Techniques and Genetically Encoded Probes for Photoacoustic Imaging. Theranostics, 2016, 6, 2414-2430.	4.6	38
11	Motion Correction in Optical Resolution Photoacoustic Microscopy. IEEE Transactions on Medical Imaging, 2019, 38, 2139-2150.	5.4	37
12	The integrated high-resolution reflection-mode photoacoustic and fluorescence confocal microscopy. Photoacoustics, 2019, 14, 12-18.	4.4	35
13	A new deep learning method for image deblurring in optical microscopic systems. Journal of Biophotonics, 2020, 13, e201960147.	1.1	35
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.	1.5	20
15	In vivo intravascular photoacoustic imaging at a high speed of 100 frames per second. Biomedical Optics Express, 2020, 11, 6721.	1.5	17
16	IVUSIVPA hybrid intravascular molecular imaging of angiogenesis in atherosclerotic plaques via RGDfk peptide-targeted nanoprobes. Photoacoustics, 2021, 22, 100262.	4.4	16
17	Compact and low-cost handheld quasibright-field linear-array probe design in photoacoustic computed tomography. Journal of Biomedical Optics, 2018, 23, 1.	1.4	16
18	Dictionary learning sparse-sampling reconstruction method for in-vivo 3D photoacoustic computed tomography. Biomedical Optics Express, 2019, 10, 1660.	1.5	14

#	Article	IF	Citations
19	In vivo transrectal imaging of canine prostate with a sensitive and compact handheld transrectal array photoacoustic probe for early diagnosis of prostate cancer. Biomedical Optics Express, 2019, 10, 1707.	1.5	14
20	Full three-dimensional segmentation and quantification of tumor vessels for photoacoustic images. Photoacoustics, 2020, 20, 100212.	4.4	13
21	Multiscale Vascular Enhancement Filter Applied toIn VivoMorphologic and Functional Photoacoustic Imaging of Rat Ocular Vasculature. IEEE Photonics Journal, 2019, 11, 1-12.	1.0	12
22	A Low Cost Sensitive Transrectal Photoacoustic Probe With Single-Fiber Bright-Field Illumination for In Vivo Canine Prostate Imaging and Real-Time Biopsy Needle Guidance. IEEE Sensors Journal, 2020, 20, 10974-10980.	2.4	8
23	In vivo evaluation of endometrium through dual-modality intrauterine endoscopy. Biomedical Optics Express, 2022, 13, 2554.	1.5	5