

Pengfei Hai

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

702
citations

759233

12
h-index

1199594

12
g-index

21
all docs

21
docs citations

21
times ranked

1017
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast label-free multilayered histology-like imaging of human breast cancer by photoacoustic microscopy. <i>Science Advances</i> , 2017, 3, e1602168.	10.3	187
2	Near-infrared optical-resolution photoacoustic microscopy. <i>Optics Letters</i> , 2014, 39, 5192.	3.3	112
3	Motionless volumetric photoacoustic microscopy with spatially invariant resolution. <i>Nature Communications</i> , 2017, 8, 780.	12.8	68
4	High-throughput, label-free, single-cell photoacoustic microscopy of intratumoral metabolic heterogeneity. <i>Nature Biomedical Engineering</i> , 2019, 3, 381-391.	22.5	58
5	Noninvasive Determination of Melanoma Depth using a Handheld Photoacoustic Probe. <i>Journal of Investigative Dermatology</i> , 2017, 137, 1370-1372.	0.7	54
6	Encrypted Three-dimensional Dynamic Imaging using Snapshot Time-of-flight Compressed Ultrafast Photography. <i>Scientific Reports</i> , 2015, 5, 15504.	3.3	52
7	Photoacoustic elastography. <i>Optics Letters</i> , 2016, 41, 725.	3.3	41
8	Label-free high-throughput detection and quantification of circulating melanoma tumor cell clusters by linear-array-based photoacoustic tomography. <i>Journal of Biomedical Optics</i> , 2016, 22, 1.	2.6	38
9	Quantitative photoacoustic elastography in humans. <i>Journal of Biomedical Optics</i> , 2016, 21, 066011.	2.6	26
10	Photoacoustic tomography of vascular compliance in humans. <i>Journal of Biomedical Optics</i> , 2015, 20, 126008.	2.6	23
11	Label-free high-throughput photoacoustic tomography of suspected circulating melanoma tumor cells in patients in vivo. <i>Journal of Biomedical Optics</i> , 2020, 25, 1.	2.6	22
12	Grueneisen relaxation photoacoustic microscopy <i>in vivo</i> . <i>Journal of Biomedical Optics</i> , 2016, 21, 066005.	2.6	15
13	Quantitative photoacoustic elastography of Young's modulus in humans. , 2017, , .		6
14	Near-infrared Optical-resolution Photoacoustic Microscopy with 1046 nm Illumination. , 2014, , .		0
15	Grueneisen relaxation photoacoustic microscopy in vivo (Conference Presentation). , 2016, , .		0
16	Vascular elastic photoacoustic tomography in humans. <i>Proceedings of SPIE</i> , 2016, , .	0.8	0
17	Time-of-flight compressed-sensing ultrafast photography for encrypted three-dimensional dynamic imaging. , 2016, , .		0
18	Synthetic light-needle photoacoustic microscopy for extended depth of field (Conference) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td (f		

#	ARTICLE	IF	CITATIONS
19	Linear-array-based photoacoustic tomography for label-free high-throughput detection and quantification of circulating melanoma tumor cell clusters. , 2017, , .		0
20	Algorithm to identify circulating tumor cell clusters using in vivo flow cytometer. Journal of Innovative Optical Health Sciences, 2018, 11, 1850024.	1.0	0
21	Photoacoustic microscopy enables multilayered histological imaging of human breast cancer without staining. , 2018, , .		0