

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	Label-free high-throughput photoacoustic tomography of suspected circulating melanoma tumor cells in patients in vivo. Journal of Biomedical Optics, 2020, 25, 1.	2.6	22
2	High-throughput, label-free, single-cell photoacoustic microscopy of intratumoral metabolic heterogeneity. Nature Biomedical Engineering, 2019, 3, 381-391.	22.5	58
3	Algorithm to identify circulating tumor cell clusters using in vivo flow cytometer. Journal of Innovative Optical Health Sciences, 2018, 11, 1850024.	1.0	0
4	Photoacoustic microscopy enables multilayered histological imaging of human breast cancer without staining. , 2018, , .		0
5	Noninvasive Determination of Melanoma Depth using a Handheld Photoacoustic Probe. Journal of Investigative Dermatology, 2017, 137, 1370-1372.	0.7	54
6	Quantitative photoacoustic elastography of Young's modulus in humans. , 2017, , .		6
7	Synthetic light-needle photoacoustic microscopy for extended depth of field (Conference) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50		
8	Fast label-free multilayered histology-like imaging of human breast cancer by photoacoustic microscopy. Science Advances, 2017, 3, e1602168.	10.3	187
9	Linear-array-based photoacoustic tomography for label-free high-throughput detection and quantification of circulating melanoma tumor cell clusters. , 2017, , .		0
10	Motionless volumetric photoacoustic microscopy with spatially invariant resolution. Nature Communications, 2017, 8, 780.	12.8	68
11	Grueneisen relaxation photoacoustic microscopy in vivo (Conference Presentation). , 2016, , .		0
12	Label-free high-throughput detection and quantification of circulating melanoma tumor cell clusters by linear-array-based photoacoustic tomography. Journal of Biomedical Optics, 2016, 22, 1.	2.6	38
13	Grueneisen relaxation photoacoustic microscopy in vivo. Journal of Biomedical Optics, 2016, 21, 066005.	2.6	15
14	Quantitative photoacoustic elastography in humans. Journal of Biomedical Optics, 2016, 21, 066011.	2.6	26
15	Vascular elastic photoacoustic tomography in humans. Proceedings of SPIE, 2016, , .	0.8	0
16	Time-of-flight compressed-sensing ultrafast photography for encrypted three-dimensional dynamic imaging. , 2016, , .		0
17	Photoacoustic elastography. Optics Letters, 2016, 41, 725.	3.3	41
18	Encrypted Three-dimensional Dynamic Imaging using Snapshot Time-of-flight Compressed Ultrafast Photography. Scientific Reports, 2015, 5, 15504.	3.3	52

#	ARTICLE	IF	CITATIONS
19	Photoacoustic tomography of vascular compliance in humans. Journal of Biomedical Optics, 2015, 20, 126008.	2.6	23
20	Near-infrared optical-resolution photoacoustic microscopy. Optics Letters, 2014, 39, 5192.	3.3	112
21	Near-infrared Optical-resolution Photoacoustic Microscopy with 1046 nm Illumination. , 2014, , .		0