

Peng Hu

List of Publications by Year in descending order

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17
papers

1,162
citations

840119

11
h-index

1199166

12
g-index

17
all docs

17
docs citations

17
times ranked

1423
citing authors

#	ARTICLE	IF	CITATIONS
1	Massively parallel functional photoacoustic computed tomography of the human brain. <i>Nature Biomedical Engineering</i> , 2022, 6, 584-592.	11.6	97
2	High-speed three-dimensional photoacoustic computed tomography for preclinical research and clinical translation. <i>Nature Communications</i> , 2021, 12, 882.	5.8	77
3	Spatiotemporal Antialiasing in Photoacoustic Computed Tomography. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 3535-3547.	5.4	32
4	Snapshot photoacoustic topography through an ergodic relay for high-throughput imaging of optical absorption. <i>Nature Photonics</i> , 2020, 14, 164-170.	15.6	70
5	Photoacoustic computed tomography guided microrobots for targeted navigation in intestines in vivo. , 2020, , .		1
6	A microrobotic system guided by photoacoustic computed tomography for targeted navigation in intestines in vivo. <i>Science Robotics</i> , 2019, 4, .	9.9	321
7	15: Novel, sensor-based quantitative cervical elastography: objective quantification of cervical softness. <i>American Journal of Obstetrics and Gynecology</i> , 2019, 220, S13.	0.7	0
8	Photoacoustic computed tomography of human extremities. <i>Journal of Biomedical Optics</i> , 2019, 24, 1.	1.4	42
9	In vivo photoacoustic multi-contrast imaging and detection of protein interactions using a small near-infrared photochromic protein. , 2019, , .		1
10	High-resolution deep functional imaging of the whole mouse brain by photoacoustic computed tomography <i>in vivo</i>. <i>Journal of Biophotonics</i> , 2018, 11, e201700024.	1.1	86
11	Dichroism-sensitive photoacoustic computed tomography. <i>Optica</i> , 2018, 5, 495.	4.8	29
12	Small near-infrared photochromic protein for photoacoustic multi-contrast imaging and detection of protein interactions in vivo. <i>Nature Communications</i> , 2018, 9, 2734.	5.8	77
13	Single-breath-hold photoacoustic computed tomography of the breast. <i>Nature Communications</i> , 2018, 9, 2352.	5.8	290
14	Transvaginal fast-scanning optical-resolution photoacoustic endoscopy. <i>Journal of Biomedical Optics</i> , 2018, 23, 1.	1.4	32
15	In vivo characterization of connective tissue remodeling using infrared photoacoustic spectra. <i>Journal of Biomedical Optics</i> , 2018, 23, 1-6.	1.4	5
16	Clinical photoacoustic computed tomography of the human breast in vivo within a single breath hold. , 2018, , .		2
17	In vivo rat deep brain imaging using photoacoustic computed tomography (Conference Presentation). , 2017, , .		0