

# Peng Hu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3800165/publications.pdf>

Version: 2024-02-01

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