

# Jiamiao Yang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7184364/publications.pdf>

Version: 2024-02-01

24  
papers

437  
citations

759233

12  
h-index

752698

20  
g-index

24  
all docs

24  
docs citations

24  
times ranked

363  
citing authors

#	ARTICLE	IF	CITATIONS
1	Motionless volumetric photoacoustic microscopy with spatially invariant resolution. <i>Nature Communications</i> , 2017, 8, 780.	12.8	68
2	Angular-spectrum modeling of focusing light inside scattering media by optical phase conjugation. <i>Optica</i> , 2019, 6, 250.	9.3	42
3	Focusing light through scattering media by polarization modulation based generalized digital optical phase conjugation. <i>Applied Physics Letters</i> , 2017, 111, 201108.	3.3	40
4	Anti-scattering light focusing by fast wavefront shaping based on multi-pixel encoded digital-micromirror device. <i>Light: Science and Applications</i> , 2021, 10, 149.	16.6	40
5	Laser differential reflection-confocal focal-length measurement. <i>Optics Express</i> , 2012, 20, 26027.	3.4	32
6	Focusing light inside live tissue using reversibly switchable bacterial phytochrome as a genetically encoded photochromic guide star. <i>Science Advances</i> , 2019, 5, eaay1211.	10.3	26
7	Laser differential confocal interference multi-parameter comprehensive measurement method and its system for spherical lens. <i>Optics Express</i> , 2016, 24, 22813.	3.4	23
8	Laser differential confocal paraboloidal vertex radius measurement. <i>Optics Letters</i> , 2014, 39, 830.	3.3	22
9	Measuring the lens focal length by laser reflection-confocal technology. <i>Applied Optics</i> , 2013, 52, 3812.	1.8	18
10	Synthetic Bessel light needle for extended depth-of-field microscopy. <i>Applied Physics Letters</i> , 2018, 113, 181104.	3.3	17
11	Radius measurement by laser confocal technology. <i>Applied Optics</i> , 2014, 53, 2860.	1.8	16
12	Gradient-assisted focusing light through scattering media. <i>Optics Letters</i> , 2021, 46, 1518.	3.3	15
13	Dual-polarization analog optical phase conjugation for focusing light through scattering media. <i>Applied Physics Letters</i> , 2019, 114, 231104.	3.3	12
14	Intelligently optimized digital optical phase conjugation with particle swarm optimization. <i>Optics Letters</i> , 2020, 45, 431.	3.3	12
15	Measurement of the refractive index and thickness for lens by confocal technique. <i>Optik</i> , 2013, 124, 2825-2828.	2.9	11
16	Fighting against Fast Speckle Decorrelation for Light Focusing inside Live Tissue by Photon Frequency Shifting. <i>ACS Photonics</i> , 2020, 7, 837-844.	6.6	11
17	Laser differential confocal radius measurement system. <i>Applied Optics</i> , 2012, 51, 6275.	1.8	10
18	Single-Shot Time-Reversed Optical Focusing into and through Scattering Media. <i>ACS Photonics</i> , 2020, 7, 2871-2877.	6.6	8

#	ARTICLE	IF	CITATIONS
19	High-contrast light focusing through scattering media with multi-pixel encoding. Applied Physics Express, 2021, 14, 092009.	2.4	8
20	Volumetric random-access multi-focus scanning based on fast light modulation. Optics and Lasers in Engineering, 2022, 158, 107128.	3.8	4
21	A data processing method based on tracking light spot for the laser differential confocal component parameters measurement system. , 2013, , .		1
22	High-precision radius automatic measurement using laser differential confocal technology. , 2015, , .		1
23	Measuring the lens focal length by laser confocal technique. Proceedings of SPIE, 2013, , .	0.8	0
24	Synthetic light-needle photoacoustic microscopy for extended depth of field (Conference) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td		