

Peng Li

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1671163/publications.pdf>

Version: 2024-02-01

19
papers

585
citations

759233

12
h-index

940533

16
g-index

20
all docs

20
docs citations

20
times ranked

549
citing authors

#	ARTICLE	IF	CITATIONS
1	Further improvements to the ptychographical iterative engine. <i>Optica</i> , 2017, 4, 736.	9.3	254
2	Multi-slice ptychographic tomography. <i>Scientific Reports</i> , 2018, 8, 2049.	3.3	72
3	Ptychographic inversion via Wigner distribution deconvolution: Noise suppression and probe design. <i>Ultramicroscopy</i> , 2014, 147, 106-113.	1.9	48
4	Breaking ambiguities in mixed state ptychography. <i>Optics Express</i> , 2016, 24, 9038.	3.4	43
5	Separation of three-dimensional scattering effects in tilt-series Fourier ptychography. <i>Ultramicroscopy</i> , 2015, 158, 1-7.	1.9	37
6	Lensless LED matrix ptychographic microscope: problems and solutions. <i>Applied Optics</i> , 2018, 57, 1800.	1.8	24
7	Characterizing a spatial light modulator using ptychography. <i>Optics Letters</i> , 2017, 42, 371.	3.3	18
8	Multiple mode x-ray ptychography using a lens and a fixed diffuser optic. <i>Journal of Optics (United Kingdom)</i> , 2017, 17, 022001.	2.2	17
9	Joint estimation of object and probes in vectorial ptychography. <i>Optics Express</i> , 2019, 27, 8143.	3.4	15
10	4th generation synchrotron source boosts crystalline imaging at the nanoscale. <i>Light: Science and Applications</i> , 2022, 11, 73.	16.6	13
11	General approaches for shear-correcting coordinate transformations in Bragg coherent diffraction imaging. Part I. <i>Journal of Applied Crystallography</i> , 2020, 53, 393-403.	4.5	12
12	General approaches for shear-correcting coordinate transformations in Bragg coherent diffraction imaging. Part II. <i>Journal of Applied Crystallography</i> , 2020, 53, 404-418.	4.5	12
13	Revealing nano-scale lattice distortions in implanted material with 3D Bragg ptychography. <i>Nature Communications</i> , 2021, 12, 7059.	12.8	10
14	Ten implementations of ptychography. <i>Journal of Microscopy</i> , 2018, 269, 187-194.	1.8	8
15	Optical ptychography with extended depth of field. <i>Journal of Physics: Conference Series</i> , 2017, 902, 012015.	0.4	1
16	An X-ray ptycho-tomography model of 'Seeing order in "amorphous" materials'. <i>Ultramicroscopy</i> , 2019, 203, 88-94.	1.9	1
17	Detector Tilt Considerations in Bragg Coherent Diffraction Imaging: A Simulation Study. <i>Crystals</i> , 2020, 10, 1150.	2.2	0
18	The Remarkably Flexible Ptychographic Data Set. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
19	Ptychography for strongly scattering 3D objects. , 2017, , .		0