

Peng Li

List of Publications by Year in descending order

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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	4th generation synchrotron source boosts crystalline imaging at the nanoscale. Light: Science and Applications, 2022, 11, 73.	16.6	13
2	Revealing nano-scale lattice distortions in implanted material with 3D Bragg ptychography. Nature Communications, 2021, 12, 7059.	12.8	10
3	Detector Tilt Considerations in Bragg Coherent Diffraction Imaging: A Simulation Study. Crystals, 2020, 10, 1150.	2.2	0
4	General approaches for shear-correcting coordinate transformations in Bragg coherent diffraction imaging. Part I. Journal of Applied Crystallography, 2020, 53, 393-403.	4.5	12
5	General approaches for shear-correcting coordinate transformations in Bragg coherent diffraction imaging. Part II. Journal of Applied Crystallography, 2020, 53, 404-418.	4.5	12
6	An X-ray ptycho-tomography model of 'Seeing order in "amorphous" materials'. Ultramicroscopy, 2019, 203, 88-94.	1.9	1
7	Joint estimation of object and probes in vectorial ptychography. Optics Express, 2019, 27, 8143.	3.4	15
8	Multi-slice ptychographic tomography. Scientific Reports, 2018, 8, 2049.	3.3	72
9	Ten implementations of ptychography. Journal of Microscopy, 2018, 269, 187-194.	1.8	8
10	Lensless LED matrix ptychographic microscope: problems and solutions. Applied Optics, 2018, 57, 1800.	1.8	24
11	Optical ptychography with extended depth of field. Journal of Physics: Conference Series, 2017, 902, 012015.	0.4	1
12	Further improvements to the ptychographical iterative engine. Optica, 2017, 4, 736.	9.3	254
13	Characterizing a spatial light modulator using ptychography. Optics Letters, 2017, 42, 371.	3.3	18
14	Ptychography for strongly scattering 3D objects. , 2017, , .		0
15	Breaking ambiguities in mixed state ptychography. Optics Express, 2016, 24, 9038.	3.4	43
16	Multiple mode x-ray ptychography using a lens and a fixed diffuser optic. Journal of Optics (United Kingdom), 2015, 12, 121101.	2.2	17
17	Separation of three-dimensional scattering effects in tilt-series Fourier ptychography. Ultramicroscopy, 2015, 158, 1-7.	1.9	37
18	The Remarkably Flexible Ptychographic Data Set. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
19	Ptychographic inversion via Wigner distribution deconvolution: Noise suppression and probe design. Ultramicroscopy, 2014, 147, 106-113.	1.9	48