

Kenan Li

List of Publications by Year in descending order

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325
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast X-ray Nanotomography with Sub-10 nm Resolution as a Powerful Imaging Tool for Nanotechnology and Energy Storage Applications. <i>Advanced Materials</i> , 2021, 33, e2008653.	21.0	32
2	Metal-Assisted Chemical Etching and Electroless Deposition for Fabrication of Hard X-ray Pd/Si Zone Plates. <i>Micromachines</i> , 2020, 11, 301.	2.9	7
3	Wavefront preserving and high efficiency diamond grating beam splitter for x-ray free electron laser. <i>Optics Express</i> , 2020, 28, 10939.	3.4	13
4	Tunable hard x-ray nanofocusing with Fresnel zone plates fabricated using deep etching. <i>Optica</i> , 2020, 7, 410.	9.3	19
5	More are better, but the details matter: combinations of multiple Fresnel zone plates for improved resolution and efficiency in X-ray microscopy. <i>Journal of Synchrotron Radiation</i> , 2018, 25, 1048-1059.	2.4	22
6	Zone Plate Performance as a Function of Tilt Analyzed via Multislice Simulations. <i>Microscopy and Microanalysis</i> , 2018, 24, 302-303.	0.4	2
7	Fabrication of hard x-ray zone plates with high aspect ratio using metal-assisted chemical etching. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2017, 35, 06G901.	1.2	37
8	Multislice does it all—calculating the performance of nanofocusing X-ray optics. <i>Optics Express</i> , 2017, 25, 1831.	3.4	31
9	Multilayer on-chip stacked Fresnel zone plates: Hard x-ray fabrication and soft x-ray simulations. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2015, 33, .	1.2	1
10	Rapid calculation of paraxial wave propagation for cylindrically symmetric optics. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2015, 32, 2074.	1.5	22
11	Fresnel zone plate stacking in the intermediate field for high efficiency focusing in the hard X-ray regime. <i>Optics Express</i> , 2014, 22, 28142.	3.4	35
12	Synthesis and photoluminescence properties of SnO ₂ /ZnO hierarchical nanostructures. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2012, 44, 791-796.	2.7	9
13	Low-density nanoporous iron foams synthesized by sol-gel autocombustion. <i>Nanoscale Research Letters</i> , 2012, 7, 129.	5.7	41