

Yuan Gao

List of Publications by Year in descending order

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13
papers

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13
all docs

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docs citations

13
times ranked

348
citing authors

#	ARTICLE	IF	CITATIONS
1	Bragg coherent diffraction imaging by simultaneous reconstruction of multiple diffraction peaks. Physical Review B, 2021, 103, .	3.2	11
2	FMX – the Frontier Microfocusing Macromolecular Crystallography Beamline at the National Synchrotron Light Source II. Journal of Synchrotron Radiation, 2021, 28, 650-665.	2.4	24
3	High-sensitivity nanoscale chemical imaging with hard x-ray nano-XANES. Science Advances, 2020, 6, .	10.3	41
4	2D MEMS-based multilayer Laue lens nanofocusing optics for high-resolution hard x-ray microscopy. Optics Express, 2020, 28, 17660.	3.4	9
5	An optical design supporting variable illumination size and coherence fraction for x-ray imaging. , 2020, , .		0
6	Observing pre-edge K -shell resonances in Kr, Xe, and XeF_2 . Physical Review A, 2019, 100, .	2.5	11
7	Getting the Most Out of Your Crystals: Data Collection at the New High-Flux, Microfocus MX Beamlines at NSLS-II. Molecules, 2019, 24, 496.	3.8	13
8	Design optimization of a confocal x-ray fluorescence imaging capability for XFM and SRX at NSLS-II. , 2019, , .		1
9	High-speed raster-scanning synchrotron serial microcrystallography with a high-precision piezo-scanner. Journal of Synchrotron Radiation, 2018, 25, 1362-1370.	2.4	18
10	Bragg diffraction from sub-micron particles isolated by optical tweezers. AIP Conference Proceedings, 2016, , .	0.4	1
11	Reconstructing longitudinal strain pulses using time-resolved x-ray diffraction. Physical Review B, 2013, 88, .	3.2	7
12	Generation of acoustic pulses from a photo-acoustic transducer measured by time-resolved x-ray diffraction. Applied Physics Letters, 2012, 100, 191903.	3.3	8
13	Retrieval of terahertz spectra through ultrafast electro-optic modulation. Applied Physics Letters, 2011, 99, 011106.	3.3	3