Yuan Gao

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4998279/publications.pdf

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		1163117	1281871
13	147	8	11
papers	citations	h-index	g-index

13	13	13	348
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	High-sensitivity nanoscale chemical imaging with hard x-ray nano-XANES. Science Advances, 2020, 6, .	10.3	41
2	FMX â€“ 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-speed raster-scanning synchrotron serial microcrystallography with a high-precision piezo-scanner. Journal of Synchrotron Radiation, 2018, 25, 1362-1370.	2.4	18
4	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
5	Observing pre-edge<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>K</mml:mi></mml:math>-shell resonances in Kr, Xe, and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>XeF</mml:mi><mml:mn>2</mml:mn></mml:msub></mml Physical Review A, 2019, 100, .	2.5	11
6	Bragg coherent diffraction imaging by simultaneous reconstruction of multiple diffraction peaks. Physical Review B, 2021, 103, .	3.2	11
7	2D MEMS-based multilayer Laue lens nanofocusing optics for high-resolution hard x-ray microscopy. Optics Express, 2020, 28, 17660.	3.4	9
8	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
9	Reconstructing longitudinal strain pulses using time-resolved x-ray diffraction. Physical Review B, 2013, 88, .	3.2	7
10	Retrieval of terahertz spectra through ultrafast electro-optic modulation. Applied Physics Letters, 2011, 99, 011106.	3.3	3
11	Bragg diffraction from sub-micron particles isolated by optical tweezers. AIP Conference Proceedings, 2016, , .	0.4	1
12	Design optimization of a confocal x-ray fluorescence imaging capability for XFM and SRX at NSLS-II. , 2019, , .		1
13	An optical design supporting variable illumination size and coherence fraction for x-ray imaging. , 2020, , .		0