

Leora Dresselhaus-Cooper

List of Publications by Year in descending order

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papers

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1684188
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9
docs citations

9
times ranked

147
citing authors

#	ARTICLE	IF	CITATIONS
1	X-ray free-electron laser based dark-field X-ray microscopy: a simulation-based study. Journal of Applied Crystallography, 2022, 55, 112-121.	4.5	5
2	An automated approach to the alignment of compound refractive lenses. Journal of Synchrotron Radiation, 2022, 29, 947-956.	2.4	1
3	X-ray Free Electron Laser-Induced Synthesis of $\hat{\mu}$ -Iron Nitride at High Pressures. Journal of Physical Chemistry Letters, 2021, 12, 3246-3252.	4.6	14
4	In situ visualization of long-range defect interactions at the edge of melting. Science Advances, 2021, 7, .	10.3	23
5	Pressure-Thresholded Response in Cylindrically Shocked Cyclotrimethylene Trinitramine (RDX). Journal of Physical Chemistry A, 2020, 124, 3301-3313.	2.5	7
6	Radiation furnace for synchrotron dark-field x-ray microscopy experiments. Review of Scientific Instruments, 2020, 91, 065109.	1.3	6
7	Single-Shot Multi-Frame Imaging of Cylindrical Shock Waves in a Multi-Layered Assembly. Scientific Reports, 2019, 9, 3689.	3.3	7
8	Simultaneous 8.2 $\hat{\mu}$ m keV phase-contrast imaging and 24.6 $\hat{\mu}$ m keV X-ray diffraction from shock-compressed matter at the LCLS. Applied Physics Letters, 2018, 112, .	3.3	24
9	Machine learning to analyze images of shocked materials for precise and accurate measurements. Journal of Applied Physics, 2017, 122, 104902.	2.5	4