

Leora Dresselhaus-Cooper

List of Publications by Year in descending order

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9
papers

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1684188
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docs citations

9
times ranked

147
citing authors

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