

Wenxi Liang

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

331
citations

933447

10
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

457
citing authors

#	ARTICLE	IF	CITATIONS
1	Primary structural dynamics in graphite. <i>New Journal of Physics</i> , 2011, 13, 063030.	2.9	51
2	Nanoscale diffractive probing of strain dynamics in ultrafast transmission electron microscopy. <i>Structural Dynamics</i> , 2018, 5, 014302.	2.3	50
3	Structural dynamics and transient electric-field effects in ultrafast electron diffraction from surfaces. <i>Chemical Physics Letters</i> , 2010, 493, 11-18.	2.6	41
4	Structural dynamics of surfaces by ultrafast electron crystallography: Experimental and multiple scattering theory. <i>Journal of Chemical Physics</i> , 2011, 135, 214201.	3.0	31
5	Observing (non)linear lattice dynamics in graphite by ultrafast Kikuchi diffraction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 5491-5496.	7.1	31
6	Electronic Grüneisen parameter and thermal expansion in ferromagnetic transition metal. <i>Applied Physics Letters</i> , 2008, 92, 121918.	3.3	28
7	Structural dynamics of nanoscale gold by ultrafast electron crystallography. <i>Chemical Physics Letters</i> , 2011, 515, 278-282.	2.6	28
8	Diffraction of Quantum Dots Reveals Nanoscale Ultrafast Energy Localization. <i>Nano Letters</i> , 2014, 14, 6148-6154.	9.1	27
9	Ultrafast electron crystallography of monolayer adsorbates on clean surfaces: Structural dynamics. <i>Chemical Physics Letters</i> , 2012, 542, 1-7.	2.6	15
10	Ultrafast electron crystallography of heterogeneous structures: Gold-graphene bilayer and ligand-encapsulated nanogold on graphene. <i>Chemical Physics Letters</i> , 2012, 542, 8-12.	2.6	12
11	Generation of surface electrons in femtosecond laser-solid interactions. <i>Science in China Series G: Physics, Mechanics and Astronomy</i> , 2006, 49, 335-340.	0.2	8
12	Ultrafast atomic-scale visualization of acoustic phonons generated by optically excited quantum dots. <i>Structural Dynamics</i> , 2017, 4, 044034.	2.3	7
13	Study of hot electrons generated from intense laser-plasma interaction employing Image Plate. <i>Science in China Series G: Physics, Mechanics and Astronomy</i> , 2008, 51, 1455-1462.	0.2	2
14	Linear and Nonlinear Lattice Dynamics in Graphite. , 2017, , 291-317.		0