

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