

Xiaocui Wang

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

123
citations

1937685

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1588992

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all docs

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docs citations

9
times ranked

366
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonequilibrium sub-10 nm spin-wave soliton formation in FePt nanoparticles. <i>Science Advances</i> , 2022, 8, eabn0523.	10.3	10
2	Repetitive non-thermal melting as a timing monitor for femtosecond pump/probe X-ray experiments. <i>Structural Dynamics</i> , 2020, 7, 054303.	2.3	1
3	Role of Thermal Equilibrium Dynamics in Atomic Motion during Nonthermal Laser-Induced Melting. <i>Physical Review Letters</i> , 2020, 124, 105701.	7.8	10
4	Generation of a large compressive strain wave in graphite by ultrashort-pulse laser irradiation. <i>Structural Dynamics</i> , 2019, 6, 024501.	2.3	2
5	FemtoMAX – an X-ray beamline for structural dynamics at the short-pulse facility of MAX IV. <i>Journal of Synchrotron Radiation</i> , 2018, 25, 570-579.	2.4	17
6	Communication: Demonstration of a 20 ps X-ray switch based on a photoacoustic transducer. <i>Structural Dynamics</i> , 2017, 4, 051102.	2.3	1
7	Studies of electron diffusion in photo-excited Ni using time-resolved X-ray diffraction. <i>Applied Physics Letters</i> , 2016, 109, 203115.	3.3	2
8	Understanding the photothermal effect of gold nanostars and nanorods for biomedical applications. <i>RSC Advances</i> , 2014, 4, 30375-30383.	3.6	76
9	Ultrafast manipulation of the NiO antiferromagnetic order via sub-gap optical excitation. <i>Faraday Discussions</i> , 0, 237, 300-316.	3.2	4