

Xiaocui Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8937070/publications.pdf>

Version: 2024-02-01

9
papers

123
citations

1937685
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1588992
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9
all docs

9
docs citations

9
times ranked

366
citing authors

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