Longlong Wu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3035107/publications.pdf

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23	523	759233 12	677142 22
papers	citations	h-index	g-index

24	24	24	1041
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Imaging the Phase Transformation in Single Particles of the Lithium Titanate Anode for Lithium-Ion Batteries. ACS Applied Energy Materials, 2021, 4, 111-118.	5.1	16
2	Structure of a seeded palladium nanoparticle and its dynamics during the hydride phase transformation. Communications Chemistry, 2021, 4, .	4.5	4
3	Complex imaging of phase domains by deep neural networks. IUCrJ, 2021, 8, 12-21.	2.2	27
4	Three-dimensional coherent X-ray diffraction imaging via deep convolutional neural networks. Npj Computational Materials, 2021, 7, .	8.7	20
5	Machine learning approach to the phase problem in Bragg coherent diffraction imaging. Acta Crystallographica Section A: Foundations and Advances, 2021, 77, C286-C286.	0.1	0
6	Real Space Imaging of Spin Stripe Domain Fluctuations in a Complex Oxide. Physical Review Letters, 2021, 127, 275301.	7.8	3
7	Strain and Electronic Nematicity in La2-xSrxCuO4. Journal of Superconductivity and Novel Magnetism, 2020, 33, 93-98.	1.8	3
8	Precise Fabrication of De Novo Nanoparticle Lattices on Dynamic 2D Protein Crystalline Lattices. Nano Letters, 2020, 20, 1154-1160.	9.1	16
9	Improving efficiency and stability of colorful perovskite solar cells with two-dimensional photonic crystals. Nanoscale, 2020, 12, 8425-8431.	5.6	27
10	Evolution of ferroelastic domain walls during phase transitions in barium titanate nanoparticles. Physical Review Materials, 2020, 4, .	2.4	12
11	Dynamic Crystallization and Phase Transition in Evaporating Colloidal Droplets. Nano Letters, 2019, 19, 8225-8233.	9.1	19
12	In Situ Observation of Crystallization Dynamics and Grain Orientation in Sequential Deposition of Metal Halide Perovskites. Advanced Functional Materials, 2019, 29, 1902319.	14.9	53
13	Experimental evidence for x-ray standing wave modulated surface scattering effect. Applied Physics Letters, 2019, 114, 141601.	3.3	2
14	In situ X-ray scattering observation of two-dimensional interfacial colloidal crystallization. Nature Communications, 2018, 9, 1335.	12.8	32
15	In Situ Realâ€Time Study of the Dynamic Formation and Conversion Processes of Metal Halide Perovskite Films. Advanced Materials, 2018, 30, 1706401.	21.0	52
16	Realâ€Time Probing of Nanowire Assembly Kinetics at the Airâ€“Water Interface by Inâ€…Situ Synchrotron Xâ€Ray Scattering. Angewandte Chemie - International Edition, 2018, 57, 8130-8134.	13.8	14
17	X-ray standing wave enhanced scattering from mesoporous silica thin films. Applied Physics Letters, 2017, 110, .	3.3	7
18	Mesoporous Silica Thin Membranes with Large Vertical Mesochannels for Nanosizeâ€Based Separation. Advanced Materials, 2017, 29, 1702274.	21.0	87

#	Article	IF	Citations
19	Controllable Formation of Efficient CuSe Counter Electrodes for Quantum Dot Sensitized Solar Cells. Journal of the Electrochemical Society, 2017, 164, F1566-F1571.	2.9	9
20	Wide-angle polarization-free plasmon-enhanced light absorption in perovskite films using silver nanowires. Optics Express, 2017, 25, 3594.	3.4	7
21	Structural and optical control of DNA-mediated Janus plasmonic nanostructures. Nanoscale, 2016, 8, 9337-9342.	5.6	7
22	Two-Dimensional Organicâ€“Inorganic Hybrid Perovskite Photonic Films. Nano Letters, 2016, 16, 4166-4173.	9.1	105
23	X-ray and optical characterizations of DNA-mediated Janus nanostructures. Applied Physics Letters, 2016, 109, 233101.	3.3	1