Kohei Aso

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/926253/publications.pdf

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		1478505	1199594
17	148	6	12
papers	citations	h-index	g-index

18	18	18	243
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	In-situ investigation of the hydrogen release mechanism in bulk Mg2NiH4. Journal of Power Sources, 2017, 341, 130-138.	7.8	55
2	Atom locations in a Ni doped Î·-(Cu,Ni)6Sn5 intermetallic compound. Scripta Materialia, 2019, 158, 1-5.	5.2	22
3	Evidence of Copper Separation in Lithiated Cu₆Sn₅ Lithium-Ion Battery Anodes. ACS Applied Energy Materials, 2020, 3, 141-145.	5.1	14
4	Atomic Insights into Phase Evolution in Ternary Transitionâ€Metal Dichalcogenides Nanostructures. Small, 2018, 14, e1800780.	10.0	13
5	Detection of picometer-order atomic displacements in drift-compensated HAADF-STEM images of gold nanorods. Microscopy (Oxford, England), 2016, 65, 391-399.	1.5	12
6	Sequential transmission electron microscopy observation of the shape change of gold nanorods under pulsed laser light irradiation. Microscopy (Oxford, England), 2019, 68, 174-180.	1.5	7
7	One-Pot Synthesis of PtNi Alloy Nanoparticle-Supported Multiwalled Carbon Nanotubes in an Ionic Liquid Using a Staircase Heating Process. ACS Omega, 2020, 5, 25687-25694.	3.5	7
8	Subpercent Local Strains Due to the Shapes of Gold Nanorods Revealed by Data-Driven Analysis. ACS Nano, 2021, 15, 12077-12085.	14.6	6
9	Quantitative Characterization of the Thermally Driven Alloying State in Ternary Irâ€“Pdâ€“Ru Nanoparticles. ACS Nano, 2022, 16, 1612-1624.	14.6	5
10	The Effects of Trace Sb and Zn Additions on Cu6Sn5 Lithium-Ion Battery Anodes. Journal of Nanoscience and Nanotechnology, 2020, 20, 5182-5191.	0.9	3
11	Atomic insights into the ordered solid solutions of Ni and Au in Î·-Cu6Sn5. Acta Materialia, 2022, 224, 117513.	7.9	3
12	Lattice Tetragonality and Local Strain Depending on Shape of Gold Nanoparticles. Microscopy and Microanalysis, 2019, 25, 2122-2123.	0.4	1
13	3aA_MI-8A comparative study of patch-based noise reduction methods for atomic-resolution XEDS maps. Microscopy (Oxford, England), 2018, 67, i28-i28.	1.5	0
14	PM-11 Atom Location Analysis on Atomic-resolution STEM Images of Metal Nanoparticles by Convolutional Neural Network Approach. Microscopy (Oxford, England), 2019, 68, i40-i40.	1.5	0
15	Atomic Displacements in Twinned Structures in a Gold Nanoparticle Irradiated with a Pulsed Laser Light. Materia Japan, 2016, 55, 583-583.	0.1	0
16	2S-A1-5Recent Progress in 3-dimensional Structure Analysis of Nanoparticles. Microscopy (Oxford,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.5	0
17	PM-11Lattice Strain Analysis in Gold Nanorods by Means of Atomic Resolution HAADF-STEM Experiments and Molecular Dynamics Simulations. Microscopy (Oxford, England), 2017, 66, i23-i23.	1.5	0