

Kohei Aso

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Atomic insights into the ordered solid solutions of Ni and Au in $\hat{\text{I}}\text{-Cu}_6\text{Sn}_5$. <i>Acta Materialia</i> , 2022, 224, 117513.	7.9	3
2	Quantitative Characterization of the Thermally Driven Alloying State in Ternary $\text{Ir}\hat{\text{I}}\text{-Pd}\hat{\text{I}}\text{-Ru}$ Nanoparticles. <i>ACS Nano</i> , 2022, 16, 1612-1624.	14.6	5
3	Subpercent Local Strains Due to the Shapes of Gold Nanorods Revealed by Data-Driven Analysis. <i>ACS Nano</i> , 2021, 15, 12077-12085.	14.6	6
4	Evidence of Copper Separation in Lithiated Cu_6Sn_5 Lithium-Ion Battery Anodes. <i>ACS Applied Energy Materials</i> , 2020, 3, 141-145.	5.1	14
5	One-Pot Synthesis of PtNi Alloy Nanoparticle-Supported Multiwalled Carbon Nanotubes in an Ionic Liquid Using a Staircase Heating Process. <i>ACS Omega</i> , 2020, 5, 25687-25694.	3.5	7
6	The Effects of Trace Sb and Zn Additions on Cu_6Sn_5 Lithium-Ion Battery Anodes. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 5182-5191.	0.9	3
7	Atom locations in a Ni doped $\hat{\text{I}}\text{-(Cu,Ni)}_6\text{Sn}_5$ intermetallic compound. <i>Scripta Materialia</i> , 2019, 158, 1-5.	5.2	22
8	Lattice Tetragonality and Local Strain Depending on Shape of Gold Nanoparticles. <i>Microscopy and Microanalysis</i> , 2019, 25, 2122-2123.	0.4	1
9	PM-11 Atom Location Analysis on Atomic-resolution STEM Images of Metal Nanoparticles by Convolutional Neural Network Approach. <i>Microscopy (Oxford, England)</i> , 2019, 68, i40-i40.	1.5	0
10	Sequential transmission electron microscopy observation of the shape change of gold nanorods under pulsed laser light irradiation. <i>Microscopy (Oxford, England)</i> , 2019, 68, 174-180.	1.5	7
11	Atomic Insights into Phase Evolution in Ternary Transition-Metal Dichalcogenides Nanostructures. <i>Small</i> , 2018, 14, e1800780.	10.0	13
12	3aA_MI-8A comparative study of patch-based noise reduction methods for atomic-resolution XEDS maps. <i>Microscopy (Oxford, England)</i> , 2018, 67, i28-i28.	1.5	0
13	In-situ investigation of the hydrogen release mechanism in bulk Mg_2NiH_4 . <i>Journal of Power Sources</i> , 2017, 341, 130-138.	7.8	55
14	2S-A1-5Recent Progress in 3-dimensional Structure Analysis of Nanoparticles. <i>Microscopy (Oxford, England)</i> , 2017, 66, i23-i23.	1.5	0
15	PM-11Lattice Strain Analysis in Gold Nanorods by Means of Atomic Resolution HAADF-STEM Experiments and Molecular Dynamics Simulations. <i>Microscopy (Oxford, England)</i> , 2017, 66, i23-i23.	1.5	0
16	Detection of picometer-order atomic displacements in drift-compensated HAADF-STEM images of gold nanorods. <i>Microscopy (Oxford, England)</i> , 2016, 65, 391-399.	1.5	12
17	Atomic Displacements in Twinned Structures in a Gold Nanoparticle Irradiated with a Pulsed Laser Light. <i>Materia Japan</i> , 2016, 55, 583-583.	0.1	0