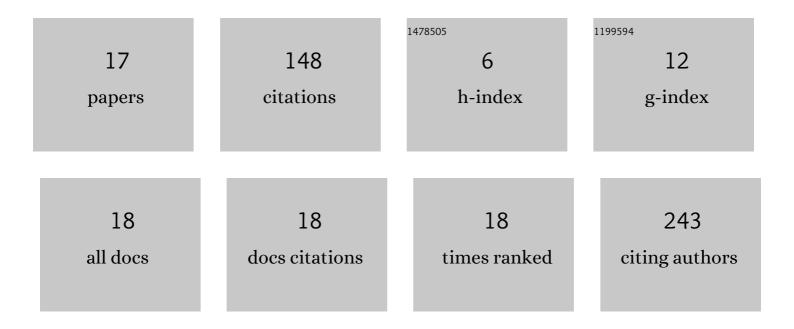
Kohei Aso

List of Publications by Year in descending order

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KOHELASO

| # | Article | IF | CITATIONS |
|----|---|------------|----------------|
| 1 | Atomic insights into the ordered solid solutions of Ni and Au in ÎCu6Sn5. Acta Materialia, 2022, 224, 117513. | 7.9 | 3 |
| 2 | Quantitative Characterization of the Thermally Driven Alloying State in Ternary Ir–Pd–Ru Nanoparticles. ACS Nano, 2022, 16, 1612-1624. | 14.6 | 5 |
| 3 | Subpercent Local Strains Due to the Shapes of Gold Nanorods Revealed by Data-Driven Analysis. ACS Nano, 2021, 15, 12077-12085. | 14.6 | 6 |
| 4 | Evidence of Copper Separation in Lithiated Cu ₆ Sn ₅ Lithium-Ion Battery Anodes. ACS Applied Energy Materials, 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. ACS Omega, 2020, 5, 25687-25694. | 3.5 | 7 |
| 6 | 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 |
| 7 | Atom locations in a Ni doped Î(Cu,Ni)6Sn5 intermetallic compound. Scripta Materialia, 2019, 158, 1-5. | 5.2 | 22 |
| 8 | Lattice Tetragonality and Local Strain Depending on Shape of Gold Nanoparticles. Microscopy and Microanalysis, 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. Microscopy (Oxford, England), 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. Microscopy (Oxford, England), 2019, 68, 174-180. | 1.5 | 7 |
| 11 | Atomic Insights into Phase Evolution in Ternary Transitionâ€Metal Dichalcogenides Nanostructures. Small, 2018, 14, e1800780. | 10.0 | 13 |
| 12 | 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 |
| 13 | In-situ investigation of the hydrogen release mechanism in bulk Mg2NiH4. Journal of Power Sources, 2017, 341, 130-138. | 7.8 | 55 |
| 14 | 2S-A1-5Recent Progress in 3-dimensional Structure Analysis of Nanoparticles. Microscopy (Oxford,) Tj ETQq0 0 (|) rgBT /Ov | erlock 10 Tf 5 |
| 15 | 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 |
| 16 | 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 |
| | Atomic Dicplacements in Twinned Structures in a Cold Nenonarticle Irradiated with a Dulcad Lagor | | |