

Trond R Henninen

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Structure Matters â€“ Direct Inâ€situ Observation of Cluster Nucleation at Atomic Scale in a Liquid Phase. ChemNanoMat, 2021, 7, 110-116.	1.5	10
2	Atomic Mechanisms of Nanocrystallization via Cluster-Clouds in Solution Studied by Liquid-Phase Scanning Transmission Electron Microscopy. Nano Letters, 2021, 21, 2861-2869.	4.5	20
3	Multi-step atomic mechanism of platinum nanocrystals nucleation and growth revealed by in-situ liquid cell STEM. Scientific Reports, 2021, 11, 23965.	1.6	13
4	The Structure of Subâ€nm Platinum Clusters at Elevated Temperatures. Angewandte Chemie - International Edition, 2020, 59, 839-845.	7.2	29
5	The Structure of Subâ€nm Platinum Clusters at Elevated Temperatures. Angewandte Chemie, 2020, 132, 849-855.	1.6	7
6	Atomic mechanisms of gold nanoparticle growth in ionic liquids studied by <i>in situ</i> scanning transmission electron microscopy. Nanoscale, 2020, 12, 22511-22517.	2.8	17
7	Multi-resolution convolutional neural networks for inverse problems. Scientific Reports, 2020, 10, 5730.	1.6	17
8	Noise2Atom: unsupervised denoising for scanning transmission electron microscopy images. Applied Microscopy, 2020, 50, 23.	0.8	27
9	Formation of gold nanoparticles in a free-standing ionic liquid triggered by heat and electron irradiation. Micron, 2019, 117, 16-21.	1.1	14