

Trond R Henninen

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

154
citations

1306789

7
h-index

1473754

9
g-index

10
all docs

10
docs citations

10
times ranked

201
citing authors

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