

# Jarmo Fatermans

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3857252/publications.pdf>

Version: 2024-02-01

12  
papers

210  
citations

1478505

6  
h-index

1281871

11  
g-index

13  
all docs

13  
docs citations

13  
times ranked

209  
citing authors

#	ARTICLE	IF	CITATIONS
1	Monitoring oxygen production on mass-selected iridium-tantalum oxide electrocatalysts. Nature Energy, 2022, 7, 55-64.	39.5	108
2	Single Atom Detection from Low Contrast-to-Noise Ratio Electron Microscopy Images. Physical Review Letters, 2018, 121, 056101.	7.8	30
3	Coupling Charge and Topological Reconstructions at Polar Oxide Interfaces. Physical Review Letters, 2021, 127, 127202.	7.8	20
4	The maximum a posteriori probability rule for atom column detection from HAADF STEM images. Ultramicroscopy, 2019, 201, 81-91.	1.9	17
5	Atom column detection from simultaneously acquired ABF and ADF STEM images. Ultramicroscopy, 2020, 219, 113046.	1.9	15
6	Co valence transformation in isopolar $\text{LaCo}_3\text{O}_x$ perovskite heterostructures via interfacial engineering. Physical Review Materials, 2020, 4, .	0.2	3
7	Atom column detection. Advances in Imaging and Electron Physics, 2021, 217, 177-214.	0.2	3
8	Statistical parameter estimation theory: principles and simulation studies. Advances in Imaging and Electron Physics, 2021, , 29-72.	0.2	2
9	Atomic-scale detection of individual lead clusters confined in Linde Type A zeolites. Nanoscale, 2022, 14, 9323-9330.	5.6	2
10	3D Atomic Scale Quantification of Nanostructures and their Dynamics Using Model-based STEM. Microscopy and Microanalysis, 2020, 26, 2606-2608.	0.4	1
11	General conclusions and future perspectives. Advances in Imaging and Electron Physics, 2021, , 243-253.	0.2	0
12	Image-quality evaluation and model selection with maximum a posteriori probability. Advances in Imaging and Electron Physics, 2021, 217, 215-242.	0.2	0