

Martin Linck

List of Publications by Year in descending order

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21
papers

537
citations

759233

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h-index

794594

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23
all docs

23
docs citations

23
times ranked

804
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploiting the full potential of the advanced two-hexapole corrector for STEM exemplified at 60kV. Ultramicroscopy, 2022, 233, 113440.	1.9	5
2	Off-axis electron holography: Materials analysis at atomic resolution. International Journal of Materials Research, 2022, 97, 890-898.	0.3	1
3	Off-axis Electron Holography on 2D Materials with Small Coherent and Incoherent Aberrations. Microscopy and Microanalysis, 2021, 27, 128-129.	0.4	0
4	Autocorrected off-axis holography of two-dimensional materials. Physical Review Research, 2020, 2, .	3.6	5
5	Test and characterization of a new post-column imaging energy filter. Advances in Imaging and Electron Physics, 2019, 212, 35-70.	0.2	14
6	Origins and demonstrations of electrons with orbital angular momentum. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2017, 375, 20150434.	3.4	39
7	Aberration corrected STEM by means of diffraction gratings. Ultramicroscopy, 2017, 182, 36-43.	1.9	15
8	Electron Microscopy with Structured Electrons. Microscopy and Microanalysis, 2017, 23, 448-449.	0.4	0
9	Automatic software correction of residual aberrations in reconstructed HRTEM exit waves of crystalline samples. Advanced Structural and Chemical Imaging, 2016, 2, 15.	4.0	14
10	Chromatic Aberration Correction for Atomic Resolution TEM Imaging from 20 to 80ÅkV. Physical Review Letters, 2016, 117, 076101.	7.8	99
11	A flexible multi-stimuli in situ (S)TEM: Concept, optical performance, and outlook. Ultramicroscopy, 2015, 151, 31-36.	1.9	9
12	Efficient diffractive phase optics for electrons. New Journal of Physics, 2014, 16, 093039.	2.9	67
13	On Proper Phase Contrast Imaging in Aberration Corrected TEM. Microscopy and Microanalysis, 2014, 20, 926-927.	0.4	2
14	Aberration-Corrected STEM by Means of Diffraction Gratings. Microscopy and Microanalysis, 2014, 20, 946-947.	0.4	7
15	Optimum aberration coefficients for recording high-resolution off-axis holograms in a Cs-corrected TEM. Ultramicroscopy, 2013, 124, 77-87.	1.9	7
16	Ferroelectric effects in individual BaTiO ₃ nanocrystals investigated by electron holography. Physical Review B, 2012, 85, .	3.2	18
17	State of the art in atomic resolution off-axis electron holography. Ultramicroscopy, 2012, 116, 13-23.	1.9	51
18	Aberration Correction and Electron Holography. Microscopy and Microanalysis, 2010, 16, 434-440.	0.4	12

#	ARTICLE	IF	CITATIONS
19	Off-axis electron holography in an aberration-corrected transmission electron microscope. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2009, 367, 3773-3793.	3.4	23
20	Electron Holography with a <i>C_s</i> -Corrected Transmission Electron Microscope. Microscopy and Microanalysis, 2008, 14, 68-81.	0.4	33
21	Electron Holography: Applications to Materials Questions. Annual Review of Materials Research, 2007, 37, 539-588.	9.3	116