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Journal Information

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Classification History

Year	A+	A	B	C
2026		✓	✓	
2025		✓	✓	
2024		✓	✓	
2023		✓	✓	
2021/2022		✓	✓	
2020		✓	✓	
2019		✓	✓	
2018		✓		

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Recent Articles

A differential algebra computational framework for high-order aberration analysis of electromagnetic lenses
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Authors: Zhicheng Liu, Shikai Zhu, Xu Liu et al.
DOI: 10.1016/j.ultramic.2026.114451

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2027-1 Vol. 288 Pages 114452
Authors: Tamazouzt Chennit, Arno Annys, Songge Li et al.
DOI: 10.1016/j.ultramic.2026.114452

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DOI: 10.1016/j.ultramic.2026.114460

Study on nonlinear spatial stitching method of SICM images based on adaptive region candidates
2027-1 Vol. 288 Pages 114453
Authors: Xiaobo Liao, Wenlin Wu, Zhiwu Wang et al.
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2027-1 Vol. 288 Pages 114464
Authors: Vishal Kumar, Andreas Jehle, Tizian Lorenzen et al.
DOI: 10.1016/j.ultramic.2026.114464

Pushing the limits of energy resolution by combining monochromated EELS with the CEOS energy-filtering and imaging device in the JEOL atomic-resolution multi-dimensional TEM
2027-1 Vol. 288 Pages 114449
Authors: Tobias Heil, Heiko Müller, Stephan Uhlemann et al.
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Thickness determination from EDXS maps acquired in a transmission electron microscope and its application for shape reconstruction of nanoparticles
2027-1 Vol. 288 Pages 114466
Authors: Radian Popescu, Dagmar Gerthsen, Simon Hettler et al.
DOI: 10.1016/j.ultramic.2026.114466

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2027-1 Vol. 288 Pages 114461
Authors: Martin Osmera, João Vaz, Paul M. Zeiger et al.
DOI: 10.1016/j.ultramic.2026.114461

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2027-1 Vol. 288 Pages 114462
Authors: Tomáš Chlouba, Magdalena Solà-Garcia, Nika van Nielen et al.
DOI: 10.1016/j.ultramic.2026.114462

A variational method based post-processing framework for high-fidelity EBSD grain-detection refinement
2026-11 Vol. 287 Pages 114443
Authors: Xu Zhang, Haitao Zhao, Junheng Gao et al.
DOI: 10.1016/j.ultramic.2026.114443