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Convergent beam electron holography for analysis of van der Waals heterostructures

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#	Paper	IF	Citations
15	Stacking control in graphene-based materials: A promising method for fascinating physical properties. <i>Frontiers of Physics</i> , 2019 , 14, 1	3.7	4
14	Manifold learning of four-dimensional scanning transmission electron microscopy. <i>Npj Computational Materials</i> , 2019 , 5,	10.9	19
13	Convergent and divergent beam electron holography and reconstruction of adsorbates on free-standing two-dimensional crystals. <i>Frontiers of Physics</i> , 2019 , 14, 1	3.7	6
12	Moiré structures in twisted bilayer graphene studied by transmission electron microscopy. <i>Ultramicroscopy</i> , 2019 , 197, 46-52	3.1	18
11	Convergent beam electron diffraction of multilayer Van der Waals structures. <i>Ultramicroscopy</i> , 2020 , 212, 112976	3.1	5
10	Holographic reconstruction of the interlayer distance of bilayer two-dimensional crystal samples from their convergent beam electron diffraction patterns. <i>Ultramicroscopy</i> , 2020 , 219, 113020	3.1	1
9	HOLOGRAPHIC CONVERGENT ELECTRON BEAM DIFFRACTION (CBED) IMAGING OF TWO-DIMENSIONAL CRYSTALS. <i>Surface Review and Letters</i> , 2021 , 28, 2140001	1.1	
8	Direct imaging and electronic structure modulation of moiré superlattices at the 2D/3D interface. <i>Nature Communications</i> , 2021 , 12, 1290	17.4	15
7	Interferometric 4D-STEM for Lattice Distortion and Interlayer Spacing Measurements of Bilayer and Trilayer 2D Materials. <i>Small</i> , 2021 , 17, e2100388	11	3
6	Magic under the microscope. <i>Nature Materials</i> , 2021 , 20, 908-909	27	
5	Symmetry of diffraction patterns of two-dimensional crystal structures. <i>Ultramicroscopy</i> , 2021 , 228, 113336		
4	Quantitative Strain and Topography Mapping of 2D Materials Using Nanobeam Electron Diffraction.. <i>Microscopy and Microanalysis</i> , 2022 , 1-15	0.5	
3	Imaging defects in two-dimensional crystals by convergent-beam electron diffraction. <i>Physical Review B</i> , 2022 , 105,	3.3	0
2	Potentials of individual atoms by convergent beam electron diffraction. 2023 , 201, 244-250		0
1	Scalable high yield exfoliation for monolayer nanosheets. 2023 , 14,		0