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**Figures** are denoted by italic page numbers, **Tables** by bold numbers.

**Abbreviations:** EC = electron crystallography; ED = electron diffraction; EM = electron microscopy; ET = electron tomography; HRTEM = high-resolution transmission electron microscopy; PDF = pair distribution function; SAED = selected-area electron diffraction; SANS = small-angle neutron scattering; SAS = small-angle scattering; SAXS = small-angle X-ray scattering; SEM = scanning electron microscopy; STEM = scanning transmission electron microscopy; TEM = transmission electron microscopy; XRD = X-ray diffraction

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