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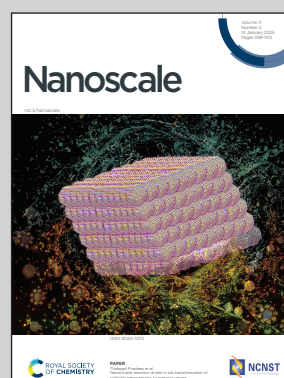


**Showcasing research from Prof. Yuichi Negishi's laboratory, Tohoku University, Japan.**

Designed construction of two new atom-precise three-dimensional and two-dimensional Ag<sub>12</sub> cluster-assembled materials

This study elucidates how the binding with the organic linkers alters the symmetry of the silver nanoclusters (NCs). Changes in the symmetry of discrete NCs to assembled structures have not been reported yet. This study provides an atomic-level explanation of the transformation of symmetry from NCs to extended structures.

**As featured in:**



See Saikat Das, Yuichi Negishi *et al.*, *Nanoscale*, 2025, 17, 813.