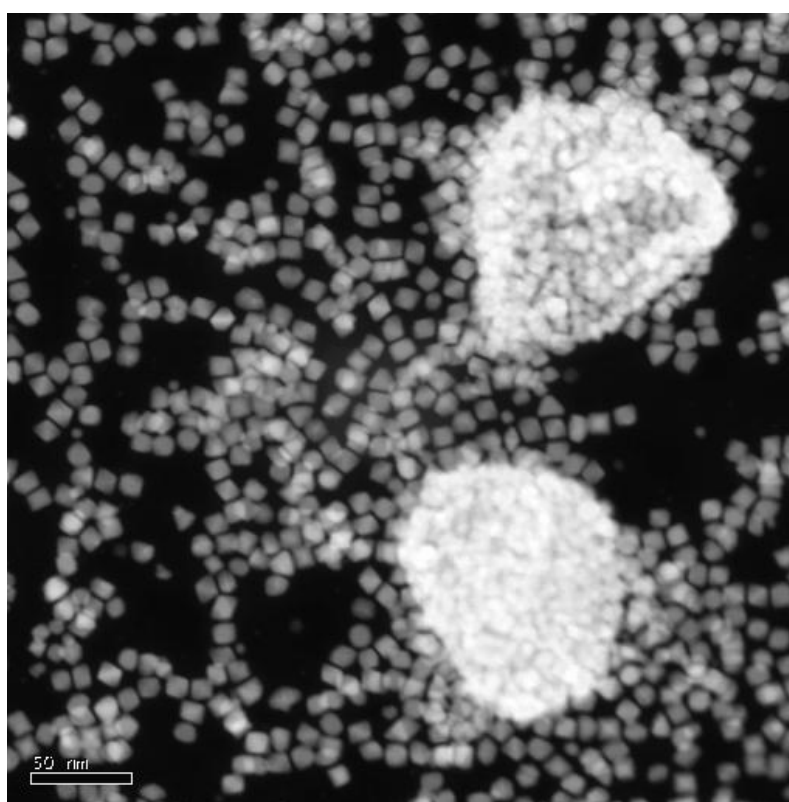
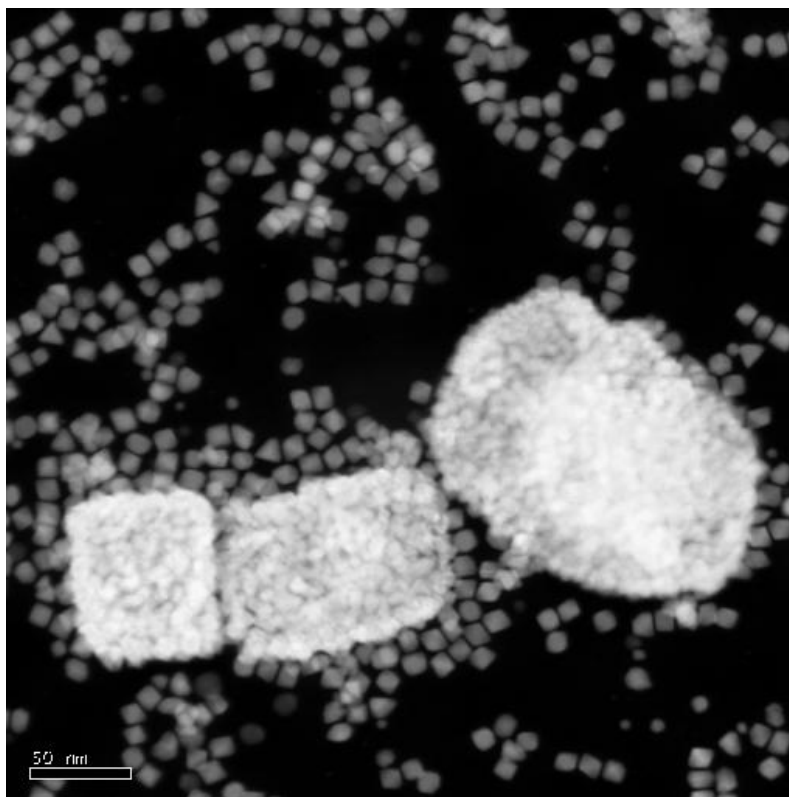


## Electronic supplementary information



Self-assembly of Pt nanoparticles is discovered. Novel Pt nanotextures show evidences originating from surface-attachment, self-aggregation, self-agglomeration and self-assembly through novel discoveries of surface attachments.