

Supplementary Information to:

Nucleation and growth of recrystallized grains in supported metal nanoparticles

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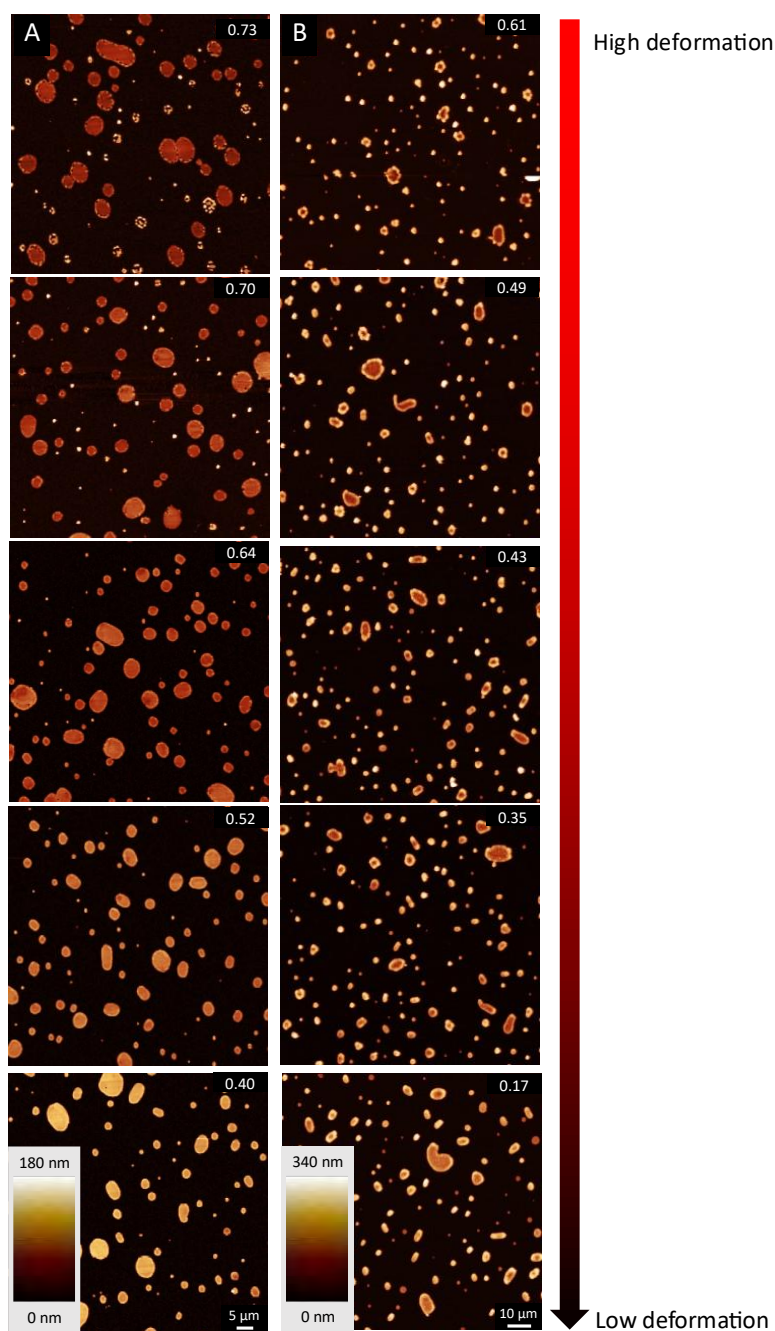


Fig. S1. The AFM topography images of recrystallized Pt particles, acquired in the regions featuring different average strains (strain is indicated on the top right of the micrographs). The samples were annealed at a temperature of **A** 900 °C for 3 h, **B** 900 °C for 3h followed by 1000 °C for 24 h.

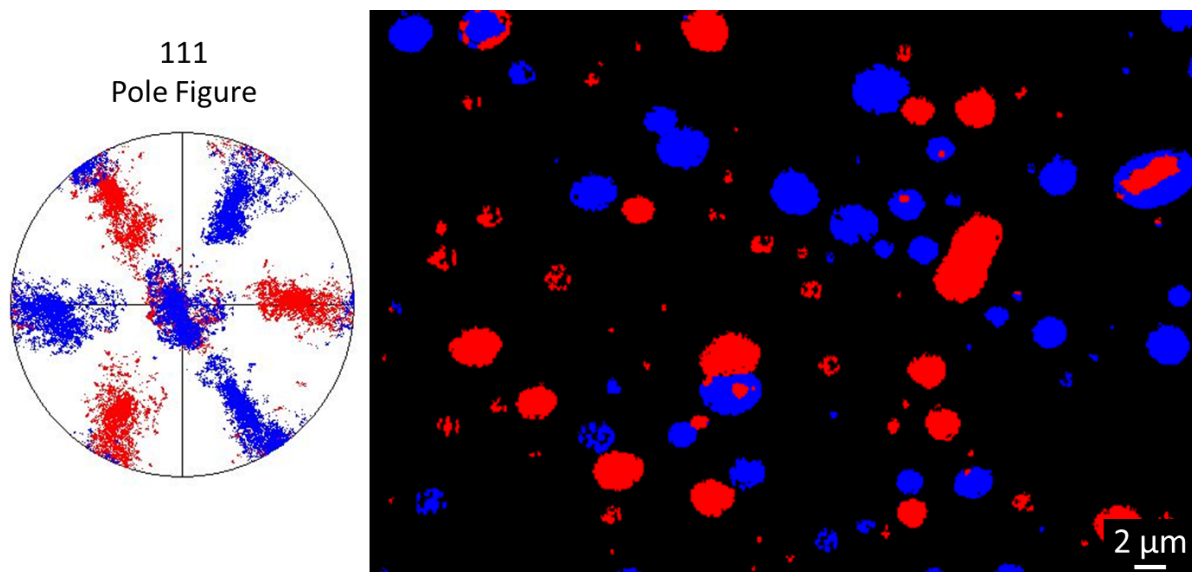


Fig. S2. The in-plane orientations of particles in an area with average strain of 0.76 and annealed at 900 °C for 3 h. The red-blue coloration emphasizes the two characteristic in-plane orientations of Pt grains on sapphire.