Inside Cover

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Oxidative etching usually dissolves multiply twinned particles in typical solution-phase syntheses of Pd nanostructures. The strong binding of oxygen to the Pd surface makes this etching process difficult to avoid. In their Communication on page 790 ff., Y. Xia and co-workers demonstrate that citric acid or citrate ions can prevent oxidative etching through chemisorption (see picture), which allows twinned Pd icosahedra to be formed in yields as high as 80%.

