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High-quality Pd@CeO2 core@shell nanocomposites ...

... with tunable Pd core sizes and shapes were obtained by using the biomolecule L-arginine to trigger CeO₂ crystal growth and self-assembly on Pd nanoparticles. In their Communication on page 4542 ff., H. J. Zhang, R. Jin, S. Song, and co-workers study the growth mechanism of this process and show that the hybrid structure of the nanocomposites is more important in determining their catalytic performance than shape and size effects.

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