

Chemical Communications 2015 vol.51 N68, pages 13317-13320

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## High catalytic activity of palladium nanoparticle clusters supported on a spherical polymer network

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### Abstract

© The Royal Society of Chemistry 2015. In this communication we report the synthesis of Pd nanoparticle clusters achieved via the assembly of Pd nanoparticles on the surface of a spherical polymer network. The network exhibits flexibility and adapts to the cluster formation. The nanoclusters display high catalytic activity toward p-nitrophenol reduction and the Suzuki-Miyaura coupling reaction.

<http://dx.doi.org/10.1039/c5cc04686f>

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