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Metal-based nanoparticles dispersed in glycerol: an efficient approach for catalysis

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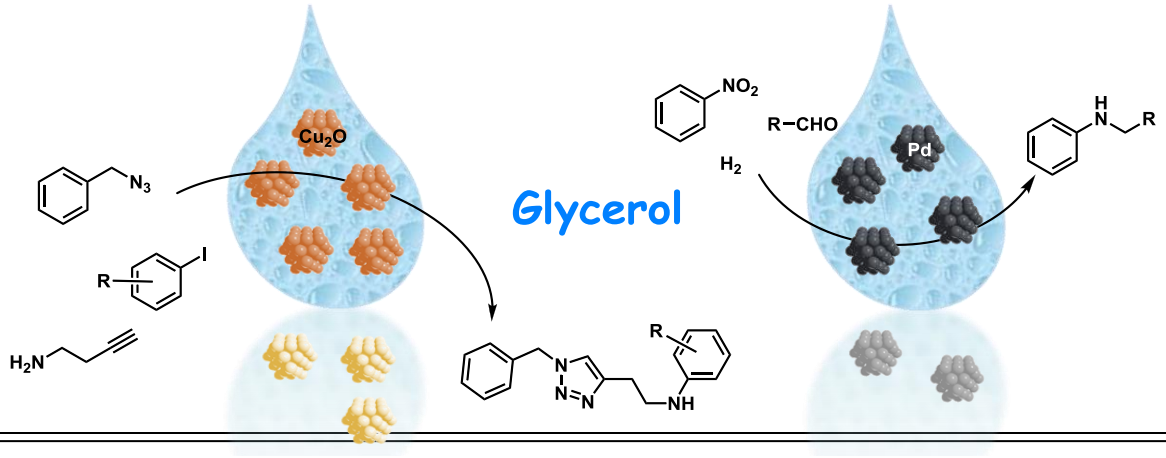

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ABSTRACT

The present mini-review describes the use of glycerol as solvent for the synthesis of metal and metal oxide nanoparticles exhibiting catalytic properties. This contribution specially underlines the ability of glycerol to both disperse and immobilize metal-based nanoparticles, increasing their lifetime. In other words, glycerol can act as a liquid support for nanocatalysts.