**Green Synthesis by Nano-catalyst**

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**Abstract:** Catalysis is the most important principle out of twelve principles of Green Chemistry. Green Chemistry is the sustainable chemistry, is an area of chemistry focused on the designing of products and processes that minimize the use and generation of hazardous substances. Nanocatalysts are heterogeneous catalyst and they have emerged as green catalyst due to their high activity, selectivity and productivity. This review paper focuses on the use of nano-catalysts in green synthesis.