

MAGNETICALLY RETRIEVABLE CU CONTAINING NANOPARTICLES FOR MULTICOMPONENT ORGANIC SYNTHESIS

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The applications of Cu containing magnetically retrievable nanocatalysts to synthesize imperative organic compounds via multicomponent reactions have experienced rapid expansion in recent years. Multicomponent reactions (MCRs) are of high atom economy reactions with low cost, effort and time requirements. Again, magnetic separation of the nanocatalyst offers a method for recycling and reusing the catalyst. This review aims to showcase the advancements made in utilizing Cu containing magnetic nanoparticles to catalyze MCRs for synthesizing diverse organic compounds.
