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**Metal-catalyzed organic reactions using
mechanochemistry**

José G. Hernández and Tomislav Friščić

The past decade has witnessed an explosive growth of interest in mechanochemical reactions by milling or grinding, and rapid expansion of mechanochemical methodologies into different areas of chemistry, from supramolecular chemistry and organic synthesis to metal-organic frameworks and nanoparticle synthesis. This Digest article highlights the recent advances in metal-catalyzed mechanochemical reactions, one of the most rapidly developing areas of modern organic mechanosynthesis.

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