Special Issue

Multicomponent Catalytic Reactions Under Green Conditions, 2nd Edition

Message from the Guest Editor

Multicomponent Reactions (MCRs), where three or more starting materials are combined and mostly incorporated in the final product, have a long history and brilliant future in green chemistry. MCRs are precious tools in the hands of a green synthetic chemist. The proper selection of the starting materials, the reaction conditions, and the catalyst offers an even greener approach than traditional multicomponent reactions that were originally developed more than a century ago with no awareness of green chemistry principles. Submissions to this Special Issue on "Multicomponent Reactions under Green Conditions" are welcome in the form of original research papers, reviews, or communications that highlight the state of research in the development of novel or revisited Multicomponent Reactions under green conditions, ranging from heterogeneous catalysis to green solvents or solventless conditions, microwave and ultrasound-assisted reactions or any other environmentally-friendly C–C and C–heteroatom bond-forming methodologies following the principles of green and sustainable synthesis.

Guest Editor

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