

Special Issue

Catalytic Organic Transformations/Organic Synthesis

Message from the Guest Editors

In the domain of synthetic organic chemistry, catalysts play a crucial role in the synthesis of new molecules of diverse interests. Over the past several decades, huge efforts have been devoted to establishing the utility of the wide range of metal, non-metal, and small organic molecules in triggering organic transformations exhaustively. Despite the spectacular successes in the catalysis process, innovative catalytic systems are highly demanding. In this regard, this Special Issue on “Catalytic Organic Transformations/Organic Synthesis” offers an opportunity to researchers to submit their scientific output. Review articles, original research manuscripts, and communication articles featuring the role of catalysts in the following domain will be considered: (i) biocatalysts in organic synthesis; (ii) molecular catalysis in the synthesis of bioactive molecules; (iii) transition-metal-catalyzed synthesis and green synthesis in organic and medicinal chemistry; (iv) (heterogeneous) photocatalysis; and (v) metal-salts-catalyzed reactions.

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