

Special Issue

Catalysts for Advanced Synthesis

Message from the Guest Editors

This Special Issue, “Catalysts for Advanced Synthesis,” covers the design, preparation, characterization, and catalytic performances of heterogeneous nanostructured catalysts for sustainable green chemical processes including C-C coupling, C-H activation and C-C activation. We invite authors to contribute original research articles as well as review articles with special emphasis on sustainable green chemistry involving the use of different types of catalysts ranging from biocatalysts, metal catalysts, metal oxide catalysts, and the use of organic-inorganic hybrid catalysis, among others.

Keywords:

- Heterogeneous Catalysts
- Homogeneous Catalysts
- Nanomaterials
- Sustainable Chemistry
- Green Chemistry
- C-C coupling
- C-H activation
- C-C activation

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.6 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).