

Recent Advances in Catalysis by Transition Metals

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Deadline for manuscript submissions:

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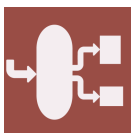
Message from the Guest Editors

This Special Issue collects original research papers or reviews focused on catalysis by transition metals. This Special Issue aims to cover recent progress and advances in designing new catalysts (with an improved activity or selectivity compared to existing ones), developing catalytic transformations towards valuable molecules or materials (with a reduced number of steps or milder conditions than previously described) or improving catalytic processes (greener conditions, recyclability, etc.).

Topics include but are not limited to:

- Synthesis and characterization of new transition metal complexes with enhanced catalytic properties;
- Investigations on heterogeneous catalysis with transition metals;
- Preparation of transition metal nanoparticles for catalytic transformations;
- Development of new catalytic transformations;
- Use of catalytic processes for the synthesis of important building blocks, valuable molecules or materials;
- Transition metal catalysis as a powerful tool for green chemistry.





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Message from the Editor-in-Chief

Processes (ISSN 2227-9717) provides an advanced forum for process/system-related research in chemistry, biology, material, energy, environment, food, pharmaceutical, manufacturing and allied engineering fields. The journal publishes regular research papers, communications, letters, short notes and reviews. Our aim is to encourage researchers to publish their experimental, theoretical and computational results in as much detail as necessary. There is no restriction on paper length or number of figures and tables.

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