

Special Issue

Green and Sustainable Catalysts

Message from the Guest Editor

Green and sustainable catalysts are the one class of catalysts that are prepared using environmentally-benign preparation techniques and/or that possess higher activity and selectivity, efficient recovery from reaction medium, recyclability and cost effectiveness. This Special Issue focuses on the topic “Green and Sustainable Catalysts”, with the aim of presenting a collection of articles that are related to green synthesis, employing plant extracts, ionic liquids, sonication, microwave etc., and enzymes and marine micro-organism-based methodologies and their applications in various fields, such as catalysis, solar energy, etc. We invite papers from multiple disciplines to engage with the topics mentioned above, however we are particularly interested in articles related to considering:

- Green synthesis of nanoparticles employing plant extracts
- Green synthesis of nanoparticles employing marine micro-organisms
- Synthesis employing ultrasound
- Synthesis employing microwave
- Synthesis employing ionic liquid
- Chemo-enzymatic synthesis of various organic moieties

Guest Editor

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Marc A. Rosen

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