

Special Issue

Earth Abundant Transition Metals in Chemical Sensors and Actuators

Message from the Guest Editors

This Special Issue aims to showcase the recent developments in the field of photo-, thermo-, and electrochemical sensors and actuators with earth-abundant metal complexes and materials. Original research articles, short communications, and reviews covering all different aspects of synthesis of complexes and materials with first-row transition metals, photocatalysis, electrocatalysis, photo- and electroactivated chemical processes, mechanistic studies, photoactivated magnetic molecules, and thermoresponsive magnetic molecules are invited. Manuscripts submitted for this Special Issue are subject to a peer review procedure, with the aim of fast and widespread dissemination. The topics covered in the Special Issue include but are not limited to:

- Synthesis (e.g., organic, inorganic)
- Materials (e.g., nanoparticles, carbon-based, thin films)
- Catalysis (homogeneous and heterogeneous)
- Sensors (magnetic, thermal, and electrochemical)
- Applications (e.g., small molecule conversion, coupling reactions, oxidation, and reduction reactions, displays, memories, artificial muscles).

Guest Editors

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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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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.

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