Special Issue

Application of Transition Metal Compounds in Material Sciences

Message from the Guest Editor

It is my pleasure to introduce a new Special Issue of *Materials* dedicated to highlighting the role of coordination and organometallic compounds in material sciences. This Special Issue provides a distinguised platform for publishing original research articles focused on the most recent findings in the field. Contributions on synthesis, characterization, structure determination, reactivity, physical–chemical properties, catalytic properties, and application of transition metal compounds are particularly welcome. Prominent researchers in the field, from both academia and industry, are invited to contribute review articles summarizing the status of the topic and providing a vision for the future. In particular, the topics of interest include but are not limited to: - Homogenous and molecular-defined supported catalysts; - Industrial applications of transition metal compounds; - Coordination polymerization; - Supramolecular chemistry; - Host–guest structures; - Molecular magnets; - Nonlinear optics; - Smart materials.

Guest Editor

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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