

Special Issue

Design and Application of Magnetic Materials

Message from the Guest Editors

This Special Issue aims to provide a forum for recent advances in the design, synthesis, characterization, modelling, and application of magnetic materials. The subject fits well with *Inorganics*, which covers the synthesis, characterization, magnetic/physical properties and applications of inorganic compounds, complexes, and materials. Contributions revealing structure–property relationships and strategies for improving magnetic performance, stability, and functionality are encouraged. In this Special Issue, original research articles and reviews are welcome. Research areas may include, but are not limited to: permanent and soft magnetic materials; ferrites, Heusler alloys and magnetic oxides; molecular and coordination-based magnets; magnetic nanoparticles, thin films and composites; magnetic anisotropy, coercivity, domain evolution and exchange coupling; magnetocaloric and magneto-transport effects; irradiation or thermal stability; computational materials design; and applications in energy, electronics, sensing, and biomedicine.

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About the Journal

Message from the Editor-in-Chief

Inorganic chemistry remains a lynchpin of modern chemistry, not only embracing the function and reactivity of combinations of most elements of the periodic table, but also providing a footing for studies of materials, catalysts, drugs, fuels and industrial chemicals. Arguably, the role and reach of inorganics in society have never been as great as today. Adventurous research at the heart and at the extremes of inorganic chemistry is vital to further advances and Inorganics offers authors the opportunity to publish exciting new research in an open access format.

Editor-in-Chief

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