

Special Issue

Application of Magnetic Fields and Magnetic Materials to Wastewater Treatment

Message from the Guest Editors

In recent years, diverse approaches have been applied to improving biological wastewater treatment processes. Among them, the magnetic field, a sustainable, green, and low-cost method, has attracted significant attention for its ability to enhance these processes. However, due to the complexity of magnetic fields' impacts, more efforts should be devoted to this topic. This Special Issue aims to publish a collection of ground-breaking research detailing the latest achievements in this field. We are particularly interested in original research articles considering one of the topics listed below:

- Magnetic fields' impacts on the nature of wastewater;
- Microorganisms' intracellular metabolism;
- Intracellular electron transport;
- Magnetic fields' influence on biological wastewater treatment processes;
- Other relevant subjects.

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Guest Editors

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Deadline for manuscript submissions

closed (30 May 2023)



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About the Journal

Message from the Editor-in-Chief

Magnetochemistry constitutes a multidisciplinary field where chemists and physicists not only study magnetic properties but also design and synthesize chemical compounds with desired magnetic properties.

Magnetochemistry is inviting contributions in any field related with this area, such as theoretical models, crystal engineering, molecular magnetism, SMM, SIM, SCM, SCO, magnetic nanostructures, magnetic MOFs, magnetic recording, qubits, magneto-caloric materials, etc. Our goal is to share your contribution in a timely fashion and in a manner that will be valued by the scientific community.

Editor-in-Chief

Prof. Dr. Carlos J. Gómez García

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Author Benefits

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.9 days after submission; acceptance to publication is undertaken in 5.5 days (median values for papers published in this journal in the first half of 2026).