Special Issue

Magnetohydrodynamic Effect in Electrochemical Processes: Magnetoelectrodeposition, Magnetoelectrocatalysis, and Related Studies

Message from the Guest Editors

Dear Colleague, The magnetohydrodynamic effect has found numerous applications in different areas of electrochemistry and bioelectrochemistry, including (bio)electrocatalysis, (bio)fuel cells, magnetoelectrodeposition, etc. Recent theoretical work has recently been performed to explain some features of the electrochemical processes in the presence of an external magnetic field. This Special Issue of the open access journal *Magnetochemistry*, devoted to "Magnetohydrodynamic Effect in Electrochemical Processes: Magnetoelectrodeposition, Magnetoelectrocatalysis, and Related Studies", will provide researchers in the field the opportunity to publish their most recent results on these techniques.

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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

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).

