Special Issue

Advances in Magnetic Microspheres

Message from the Guest Editors

Magnetic microspheres offer great potential in a variety of applications, both in their bare form and when covered with a surface layer and functional groups chosen for specific uses. Because of the widespread applications of magnetic microspheres in biotechnology, biomedicine, material science, engineering and environmental areas, a great deal of attention has been paid to the synthesis of different kinds of magnetic microspheres. Each potential application of the magnetic microspheres requires that they possess different properties. Given that the magnetic properties of powders are controlled by microstructure, shape, size or processing conditions, progress in this area will increase our ability to control and design the properties of the materials of the future. The aim of this Special Issue is to gather contributions that address current progress in the field of magnetic microspheres through synthesis, doping, modelling, advanced characterization and beyond. It is our pleasure to invite you to submit a manuscript for this Special Issue. Sincerely,

Guest Editors

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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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