Special Issue

Development and Applications of Advanced Magnetic Ceramic Materials

Message from the Guest Editor

This Special Issue, entitled “Development and Applications of Advanced Magnetic Ceramic Materials”, aims to include the newest and most important research in the field of magnetic ceramics, in terms of chemical composition design, synthesis processes, as well as morphological and microstructural characteristics towards specific magnetic performance. With an almost 100-year history of advanced magnetic ceramics, global market trends have governed a wide range of applications, such as in motors, rotors, EMI suppression, signal processing, power conversion, data storage, telecommunications, green technologies, electric vehicles, wireless charging, handheld devices, biomedical applications, and many others. Thus, it is of major significance to explore and extend the current knowledge on material performance and potential, so as to enhance future technological breakthroughs in the field. As a of this Special Issue of the open-access journal *Magnetochemistry*, I am honored to invite you to contribute your original manuscripts and share new important results with the scientific community.

Guest Editor

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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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