Special Issue

Spintronics, Magnetic Semiconductors and Devices

Message from the Guest Editor

In recent years, the development of nanoscale components has become a trend for ICs to achieve faster and denser requirements, and the spin-related interactions between carriers have become increasingly important. Therefore, the next generation of electronic devices must utilize both charge and spin properties of electrons in nanostructures. Spintronics, which combines the two fields of magnetism and electronics, and the application of spintronics will be one of the main areas of future research and development. This Special Issue is a forum dedicated to spintronics and magnetic semiconductor devices, covering both fundamental science and technological applications. I encourage scientists around the world to raise the visibility of this field in the scientific community through this Special Issue.

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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