



Magnetic Materials for Environmental and Biomedical Applications

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Message from the Guest Editors

Dear Colleagues,

This Special Issue provides information about the synthesis and environmental/biomedical applications of micro/nanomagnetic materials (i.e., paramagnetic, diamagnetic, and ferromagnetic). Environmental applications of magnetic materials/nanomaterials include the synthesis and design of new magnetic materials and their applications to develop new techniques, technologies, and solutions for pollution remediation (soil, water, and air pollution), water purification, environmental sensing, cost-effective alternative energy generation, resources, plant nutrition, agricultural applications, and nanosensor, nanoabsorbent and nano-photocatalyst applications. Moreover, magnetic materials are indispensable and promising for many biomedical applications, including but not limited to hyperthermia, controlled drug delivery and release, tissue engineering, therapeutics, laboratory-on-chip applications, and imaging technology. In addition, the possible toxic effects of these applications for living beings, difficulties in clinical applications, and recent developments are within the scope of this Special Issue.





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Message from the Editor-in-Chief

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