

## Special Issue

# Magnetic Methods in Metal–Organic Materials and Environmental Science

### Message from the Guest Editors

In recent years, various magnetic methods typical for characterization of standard magnetics have been recognized as an efficient research tool in the case of many other groups of materials. These include, among others, intentionally synthesized organometallic compounds (usually based on iron) and industrial side-products (such as fly ashes, air-borne particulate matter, and street dusts), recognized not only as pollutants but also as potential recycling materials. Several questions are crucial and still not entirely understood. In dealing with these problems, the magnetic methods—both standard and very specific—seem to be very helpful, such as thermal and frequency scanning of magnetic susceptibility, magneto-optics, magnetic hysteresis decomposition, Day–Dunlop diagrams, and first-order reversal curve (FORC) analysis. Moreover, a very good supplement to magnetic methods is iron-based Mössbauer spectrometry.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 December 2021)



## Materials

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### Message from the Editor-in-Chief

*Materials* (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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