Special Issue

Emergent Materials by Supramolecular Chemistry

Message from the Guest Editors

Looking back to the progress of supramolecular chemistry and related materials chemistry fields, it is very likely that supramolecular materials are going to dominate in the future decades. This is because the principles used for their construction operate with simple, yet complex concepts and use easily renewable materials. Moreover, researchers can turn back to small, diverse, and cheap building blocks that are able to yield stable, elaborated structures with unexpected properties and functions. The synthetic approaches of such supramolecular materials have concomitantly emerged from the desired applications and represent the main interest of many research groups. The field of supramolecular materials is coming to its maturity, and we are witnessing its intersection with numerous areas of chemistry, physics, biology and medicine. We invite all of you working in supramolecular and related fields to share the ultimate experiences that reinforce the idea of functional materials stabilised by non-covalent interactions which can lead to future and immediate innovative applications.

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Message from the Editorial Board

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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