Special Issue

Experimental and Theoretical Studies on the Structure of Organometallic Complexes

Message from the Guest Editor

The main purpose of the current special issue is to present the widest and deepest possible view of the current research on structure properties of organometallic compounds, regarding not only transition-metal complexes but also alkaline and alkaline-earth organometallic complexes, and including both experimental and theoretical methodologies, as well as computational methods. In particular, structure-property studies are particularly well suited for this special issue. All kind of equilibrium properties may be related to the structure of organometalic complexes and therefore studied in the published articles: mechanic, electric, magnetic, optical, and thermodynamic properties, as well as any combination of them, like thermoelastic, magnetocaloric, or thermoelectric properties. Moreover, transport properties may be considered too: transport of matter, energy, light, sound, and/or electric charge. Consequently, it is my real pleasure to invite you to submit a manuscript for this Special Issue. Full papers, short communications, and topic reviews are all welcome.

Guest Editor

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Deadline for manuscript submissions

closed (20 September 2022)

Materials

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Impact Factor 3.2
CiteScore 6.4
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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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