Special Issue

New Organosilicon and Hybrid Materials – Synthesis, Physicochemical Properties and Applications

Message from the Guest Editor

The capabilities of organosilicon materials have been continuing to attract the attention of scientists and technologists for a long time. However, recent trends based on the integration of different materials at the nano or molecular scale have led to new possibilities. The synthesis of novel organic–inorganic species of properties tailored to suit a particular application and functionalization of organic materials by inorganic additives in the form of small particles has become increasingly important in bioorganic and polymer chemistry. The Special Issue is devoted to advances in the development of synthetic routes to new hybrid materials with a special focus on their properties and morphologies. Various aspects of material engineering and novel application areas are highlighted and discussed. It is my pleasure to invite you to submit a manuscript for the Special Issue. Full papers, communications, and reviews are all welcome. Interdisciplinary studies on any form of organosilicon and hybrid materials, including nanomaterials, thin films, porous materials for catalysis, and bio-applications, are particularly encouraged.

Guest Editor

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Deadline for manuscript submissions

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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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