Special Issue

Chemistry and Technology of Materials Based on Silicon Compounds

Message from the Guest Editor

Silicon is a special element with a unique chemical behavior resulting from its location in the periodic table, on the border of organic and inorganic chemistry and between metallic and nonmetallic elements. It can be clearly stated that silicon and silicon compounds made a significant contribution to technical progress. Silicon compounds are widely applicable, literally surrounding us from cheap bulk goods to highly sophisticated special materials. We are constantly witnessing the intensive development of new technologies for obtaining new materials and this development would not be possible without silicon. Every day there are new literature reports on the widely understood silicon chemistry. This Special Issue "Chemistry and Technology of Silicon Compounds" will publish original research enrich current knowledge on the synthesis, properties, and applications of silicon-based materials, as well as the use of this type of compound to modify materials to improve/change their properties. Critical reviews are also welcome. The proposed topics include the use of silicon compounds at each stage of material preparation.

Guest Editor

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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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