Special Issue

Structural and Thermal Properties of Polymeric Microspheres

Message from the Guest Editors

In recent years, polymeric materials have become the backbone of the modern industry. In the polymer family, materials with spherical shapes (porous and non-porous beads, microspheres, nanospheres, etc.) hold the prominent position. They are among the most effective materials for their many separation processes. Microspheres are easy to prepare and handle; they do not possess sharp edges and may be readily used in packed beads for continuous flow operation. They are widely used as stationary phases in different kinds of chromatography, in immobilization technologies, drug delivery systems, nuclear imaging, cell culturing, and as specific sorbents. The application of the microspheres are strongly connected with their structural and thermal properties. Consequently, the detailed investigation of these features is one of the most important challenges. This Special Issue will focus on synthesis, characterization, modification, and thermal degradation of polymeric microspheres.

Guest Editors

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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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