Special Issue

Advanced Characterization of Biochemical Materials

Message from the Guest Editors

Biochemical products are essential in various fields of science and engineering, ranging from medical science to renewable fuel engineering. Numerous scientists seek innovative applications of biochemical materials, e.g., in nanotechnology or innovative medicine. This trend requires development in the characterization techniques of biochemical materials. Often, the required precision is much higher than the conventional methods. In some cases, time-sensitive analysis becomes essential. Proper characterization of biochemical materials is significant not only in the development of new materials. It also contributes to the advancement of biochemical science via thermodynamic interpretation of biochemical reactions, precise analysis of the structural change and stability of biochemical materials, etc. This Special Issue aims to discuss all these contemporary topics in biochemistry, focusing on material characterization. Biochemistry is a highly interdisciplinary science whose development is strongly based on the necessity of multiphysics modeling and characterization. Researchers with all backgrounds are encouraged to participate.

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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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