Special Issue

Advances in Thermoset Materials

Message from the Guest Editors

Up to now, the applications of thermoset materials has spread from conventional to advanced materials. This Special Issue aims to present new research toward improving all types of thermosets, especially those designed for advanced technologies. Potential topics include, but are not limited to:

- Advances in curing processes, such as dual curing or frontal polymerization, for new processing technologies;
- Innovations in processing technologies such as visible light radiation or electron beams for applications in high-tech domains;
- New bio-based thermosets for minimizing energy and oil consumption;
- Innovations in formulation, such specific additives or modifiers, and new catalysts and initiators for improved thermosets;
- New strategies for recycling or reuse of thermosets like reversible or exchangeable covalent bonds;
- Recent advances in actively moving polymers, shape memory polymers, or shape-changing polymers, from different chemistries or material selection for enhanced shape memory performance to advances in device design.

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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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