Special Issue

Synthesis of Advanced Nanocomposites with Catalytic and Electronic Properties

Message from the Guest Editor

Advanced functional nanocomposites play an important role in many fields of applications, such as catalysis, energy storage, adsorption techniques, ceramics, optoelectronics, sensing, etc. Therefore, the synthesis and characterization of advanced functional nanocomposites are gaining considerable attention from researchers. This Special Issue on “Synthesis of Advanced Nanocomposites with Catalytic and Electronic Properties” aims to curate novel advances in the development and application of advanced nanocomposites. Topics include but are not limited to:

- Novel techniques for preparation of advanced nanocomposites (e.g., single source precursor decomposition);
- Synthesis and applications of nanocomposites based on metal/metal oxide nanoparticles and conjugated polymers;
- Synthesis and applications of metal/metal oxide nanoparticle containing carbon-based nanocomposites;
- Advanced optical and electronic properties of nanocomposites; and
- Application of advanced nanocomposites in catalysis, energy storage, and optoelectronics.

Guest Editor

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Editor-in-Chief

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