



Synthesis and Performance of Nanostructured Metal Sulfides

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Message from the Guest Editor

Nanostructured metal sulfides have been found to be potential energy materials, especially in the thermoelectric and photocatalytic fields. The synthesis methods of nanostructured metal sulfides include wet chemistry, hydrothermal synthesis, ball milling and spark plasma sintering, etc. Metal sulfides with nanostructure have shown interesting, surprising, and outstanding properties in energy materials fields. Every day, researchers around the globe develop new nanostructured metal sulfides with improved functionalities for any of these application fields. This Special Issue aims to provide a perspective on exciting new developments in nanostructured metal sulfides. We invite original research contributions or concise reviews both on the synthesis and characterization of nanostructured metal sulfides, as well as the various applications of new metal sulfides. We look forward to learning more about your most recent discoveries soon!





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Message from the Editor-in-Chief

Nanoscience and nanotechnology are exciting fields of research and development, with wide applications to electronic, optical, and magnetic devices, biology, medicine, energy, and defense. At the heart of these fields are the synthesis, characterization, modeling, and applications of new materials with lower nanometer-scale dimensions, which we call “nanomaterials”. These materials can exhibit unusual mesoscopic properties and include nanoparticles, coatings and thin films, metal–organic frameworks, membranes, nano-alloys, quantum dots, self-assemblies, 2D materials such as graphene, and nanotubes. Our journal, *Nanomaterials*, has the goal of publishing the highest quality papers on all aspects of nanomaterial science to an interdisciplinary scientific audience. All of our articles are published with rigorous refereeing and open access.

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