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Nanomaterials for Catalytic Hydrogen Production

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Message from the Guest Editor

The purpose of the Special Issue is to collect and report research on the hydrogen production of advanced nanomaterial catalysts with innovative synthesis methods, excellent catalytic performance, and comprehensive mechanism investigation. We invite authors to contribute original research articles and review articles covering current progress on nanomaterials in catalytic hydrogen production.

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: self-organization; heterogeneous catalysts; interface engineering; clusters as catalysts; nanoparticles as catalysts; noble metals as catalysts.



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Special Issue



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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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