

Special Issue

Photoelectrochemical and Photocatalytic Properties of Nano-Semiconductor Materials

Message from the Guest Editor

This Special Issue on the “Photoelectrochemical and Photocatalytic Properties of Nano-Semiconductor Materials” aims to divulge and promote novel and original science and technology concerning semiconductor catalyst materials required for photochemical reactions that occur under the action of light. To be of interest, photocatalytic efficiencies have to be high; that is, the photovoltaic conversion efficiency needs to meet certain requirements. The optical, mechanical and electrical properties of nano-semiconductor materials are of interest to us.

Guest Editor

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Inorganic chemistry remains a lynchpin of modern chemistry, not only embracing the function and reactivity of combinations of most elements of the periodic table, but also providing a footing for studies of materials, catalysts, drugs, fuels and industrial chemicals. Arguably, the role and reach of inorganics in society have never been as great as today. Adventurous research at the heart and at the extremes of inorganic chemistry is vital to further advances and Inorganics offers authors the opportunity to publish exciting new research in an open access format.

Editor-in-Chief

Prof. Dr. Duncan H. Gregory

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