

Special Issue

Nanocomposites for Photocatalysis, 2nd Edition

Message from the Guest Editors

It is our pleasure to welcome you to our Special Issue “Nanocomposites for Photocatalysis, 2nd Edition”. Photocatalysis has become one of the key areas within the catalysis field. There are many materials with photocatalytic applications, such as semiconductors, semiconductor-based heterojunctions, and many other nanocomposite materials and waste-derived or templated photocatalytic materials. Therefore, contributions highlighting such mechanistic details are highly welcome. Moreover, a photocatalyst often requires the presence of one or even several so-called co-catalysts to enable desired chemical conversions. Given the success of the first edition of this Special Issue, a second volume was launched, seeking to gather research articles on the roles of nanocomposites in photocatalytic processes to this Special Issue. The Special Issue will cover but is not limited to: plasmonic photocatalysis, nanocomposite materials, photocatalytic synthesis, solar fuels, theoretical modeling of photocatalytic processes, photoreactor and reaction engineering, non-linear optical effects, decontamination and disinfection, and pilot and full-scale applications.

Guest Editors

Dr. Alejandro Pérez-Larios

Prof. Dr. Mamoun Fellah

Prof. Dr. Naouel Hezil

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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Message from the Editor-in-Chief

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

School of Chemistry, University of Glasgow, University Avenue, Glasgow G12 8QQ, UK

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