

Special Issue

New Insights in Electro- and Photo-Catalytic Performance of Biomimetics Composites

Message from the Guest Editors

This Special Issue, “New Insights in Photocatalytic Performance of Biomimetics Composites”, covers topics related to the synthesis and characterization of novel or modified catalysts and their use in photocatalysis approaches. Applications such as CO₂ reduction, oil–water separation, self-cleaning surfaces, environmental remediation, water splitting, and solar energy conversion are included in this Special Issue. Submissions addressing materials made of heterojunction structures, graphene composites, metal–organic frameworks (MOFs), carbon nitride, electrodes for energy storage, as well as modifications of common metal-based semiconductors are welcomed.

Guest Editors

Dr. Loraine Soto-Vázquez

Dr. Ferdinando Costantino

Prof. Dr. Carmen Morant

Prof. Dr. Francisco Márquez

Dr. Claudia Graiff

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Crystals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
crystals@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Welcome to *Crystals*, the journal dedicated to the fascinating world of crystallographic research! Crystals are more than mere decorative elements; they hold the key to understanding the fundamental structure of matter. Our mission is to explore the crucial significance of this research across various fields. From medicine to technology, chemistry to geology, crystals play a vital role. Their structure provides insights into new advanced materials, innovative drugs, and groundbreaking technologies. Through *Crystals*, we delve into the microscopic world to discover solutions that will shape the future. Join us on a journey through the *Crystals*, where science merges with beauty and innovation.

Editor-in-Chief

Prof. Dr. Alessandra Toncelli
Department of Physics, University of Pisa, 56126 Pisa, PI, Italy

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