Special Issue

Materials for Applications in Water Splitting and Battery

Message from the Guest Editors

Photoelectrochemical water splitting stands as a compelling and sustainable pathway for producing hydrogen fuel—a clean energy resource with versatile applications in transportation, electricity generation, and industrial processes. The ongoing research in this domain is advancing rapidly, and the successful implementation of efficient and cost-effective photocatalytic systems holds the potential to significantly fortify our endeavors toward a sustainable and environmentally friendly energy landscape. In light of the captivating developments within this domain, we extend a cordial invitation to contribute your invaluable research to our esteemed Special Issue on "Materials for Applications in Water Splitting and Battery". This exclusive Special Issue endeavors to showcase high-quality articles that delve into various facets of material design and elucidate the mechanism of material properties for photochemical water splitting. We wholeheartedly anticipate and eagerly await your valuable contributions, as we look forward to presenting a comprehensive compendium of cutting-edge research in this exhilarating realm.

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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

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