



an Open Access Journal by MDPI

Photo-Chemical Energy Conversion: Material Design for Energy and Environmental Applications

Guest Editors:

Prof. Dr. Baibiao Huang

State Key Laboratory of Crystal Materials, Shandong University, Jinan 250100, China

Prof. Dr. Peng Wang

State Key Laboratory of Crystal Materials, Shandong University, Jinan 250100, China

Prof. Dr. Zhaoke Zheng

State Key Laboratory of Crystal Materials, Shandong University, Jinan 250100, China

Deadline for manuscript submissions: closed (31 July 2019)

Message from the Guest Editors

It is our great pleasure to invite you to submit an article for a Special Issue on "Photo-Chemical Energy Conversion: Material Design for Energy and Environmental Applications", to be published in *Molecules*. This Special Issue aims to highlight research on photocatalyst, photoelectrochemical, and environment governance. This Special Issue will converge the research on designing efficient visible light photocatalysts, highlv and constructing photoelectrochemical cells for hydrogen evolution and environment governance based on photoelectric materials. All the research articles are based on materials that can be stimulated by the solar energy. The rule for designing highly efficient systems using solar light will be elucidated. Review articles and perspectives from experts in related fields are welcome.









an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Reaxys, CaPlus / SciFinder, MarinLit, AGRIS, and other databases.

Journal Rank: JCR - Q2 (Chemistry, Multidisciplinary) / CiteScore - Q1 (Chemistry (miscellaneous))

Contact Us

Molecules Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/molecules molecules@mdpi.com X@Molecules_MDPI