

Special Issue

Study of Thermoelectric Materials and Devices

Message from the Guest Editor

Thermoelectric materials, which can convert heat into electricity, have become more and more attractive in the fields of sustainable energy and environmental issues. High thermoelectric conversion efficiency requires a high thermoelectric figure of merit. Some strategies have been used to achieve a high thermoelectric figure of merit, e.g. doping, defect, intercalation, band engineering, strain, nanostructures, and molecule junctions, etc. This Special Issue aims to highlight the recent advances in this field, including new pristine thermoelectric materials, strategies used to decrease the thermal conductivity and increase the power factor, thermoelectric devices, and so on.

Guest Editor

Dr. Guoying Gao

School of Physics and Wuhan National High Magnetic Field Center,
Huazhong University of Science and Technology, Wuhan 430074,
China

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

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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.

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

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

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