

Special Issue

Recent Advances in Dye-Sensitized and Perovskite Solar Cells

Message from the Guest Editors

Solar energy is a practically inexhaustible natural source of power for Earth. Efficient usage of solar energy has been considered as the most promising way to meet a global demand for energy. Therefore, the development of highly efficient solar cells, which is a response to the most pressing environmental and economic concerns, is of extreme importance. Because of physicochemical properties, light weight, flexibility, low manufacturing costs, and printability, dye-sensitized and perovskite solar cells are considered as one of the most promising photovoltaic technologies. This Special Issue of *Molecules* will cover the latest achievements in dye-sensitized and perovskite solar cells, including novel materials, device structures, technology, and the characterization method. This Special Issue aims to present a collection of experimental and review papers reporting the most recent advances in the fields.

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About the Journal

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.

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