Special Issue

Solution-Processed Organic Solar Cells

Message from the Guest Editor

Solution-processed organic solar cells have emerged as a promising energy technology alternative owing to the great potential in the fabrication of low-cost, light-weight, large-area, flexible devices. Thanks to the rapid development of nonfullerene acceptors, the power conversion efficiency of state-of-the-art organic solar cells has surpassed 18% when using Y6 derivatives as the electron acceptors, indicating the bright future of the practical applications of solution-processed organic solar cells. This Special Issue aims to cover recent progress and trends of materials and devices in the field of organic solar cells. We seek full research articles, short communications, and reviews related, but not limited, to the topics listed below:

- The utilization of organic solar cell devices for light harvesting and energy conversion
- Design of electron donors
- Design of nonfullerene electron acceptors
- Multicomponent solar cell devices
- Tandem solar cell devices
- Device physics

Guest Editor

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Deadline for manuscript submissions

closed (30 June 2022)

Molecules

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Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed

mdpi.com/si/106048

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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.

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