

Special Issue

Perovskite Solar Cells

Message from the Guest Editor

Hybrid halide perovskite materials have gained a lot of traction in the field of photovoltaics due to their simple processability, high material quality, and extremely high performance, with power conversion efficiencies over 20% already demonstrated, approaching that of state-of-the-art materials. While the biggest advances to performance thus far have arisen from optimization of the perovskite deposition techniques, understanding the role of interfaces in the device is crucial to maximize the performance of the system. This Special Issue will provide a forum to disseminate new developments, generally on perovskite solar cell interfaces, including their properties and their modification, such as passivating or protective layers, as well as the development of new hole and electron transporters.

Guest Editor

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Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 29th 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 all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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