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Advances in Photovoltaics

Guest Editor:

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Deadline for manuscript
submissions:

closed (30 September 2021)

Message from the Guest Editor

Dear colleagues,

Energy issues are important challenges that must be solved in the 21st century. Energy generation systems that rely on fossil fuels carry the risk of rapidly changing the global environment, and concerns about the risk are permeating the general public.

This Special Issue is focused on materials from photovoltaic energy-harvesting systems, from devices to application of modules, and especially research papers on organic materials and perovskite materials. Perovskite materials have shown tremendous efficiency gains over the past decade and have demonstrated a high capacity. On the other hand, organic materials have a half-century of history, have steadily improved energy conversion efficiency, and are showing momentum close to silicon solar cells. To accelerate this momentum, we publish this Special Issue.

It is my pleasure to invite you to submit a manuscript for this Special Issue. Full papers, communications, and reviews are all welcome.

Prof. Dr. Makoto Karakawa

Guest Editor



mdpi.com/si/42895

Special Issue



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