



Organic Inorganic Hybrid Perovskite Solar Cells

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Deadline for manuscript
submissions:

closed (21 June 2021)

Message from the Guest Editors

Dear Colleagues,

Organic–inorganic hybrid perovskite solar cells (PSCs) have been considered as promising candidates for the next generation of photovoltaics (PV). The power conversion efficiency (PCE) of a single junction PSC has achieved a maximum of 25.2% within only one decade, already rivaling other existing PV materials such as silicon and GaAs. The superior performance of PSC could be attributed to its long diffusion length, excellent absorption property, and high defect tolerance, etc. While PSCs have inspired a new era for photovoltaic development, they have also exhibited severe environmental instability problems, i.e., their PCE decaying to nil within only days in ambient conditions, thereby limiting their applications.

This Special Issue focuses on recent developments in perovskite instability problems. We would like to invite you to submit your original research articles and reviews to this Special Issue.





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Message from the Editor-in-Chief

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