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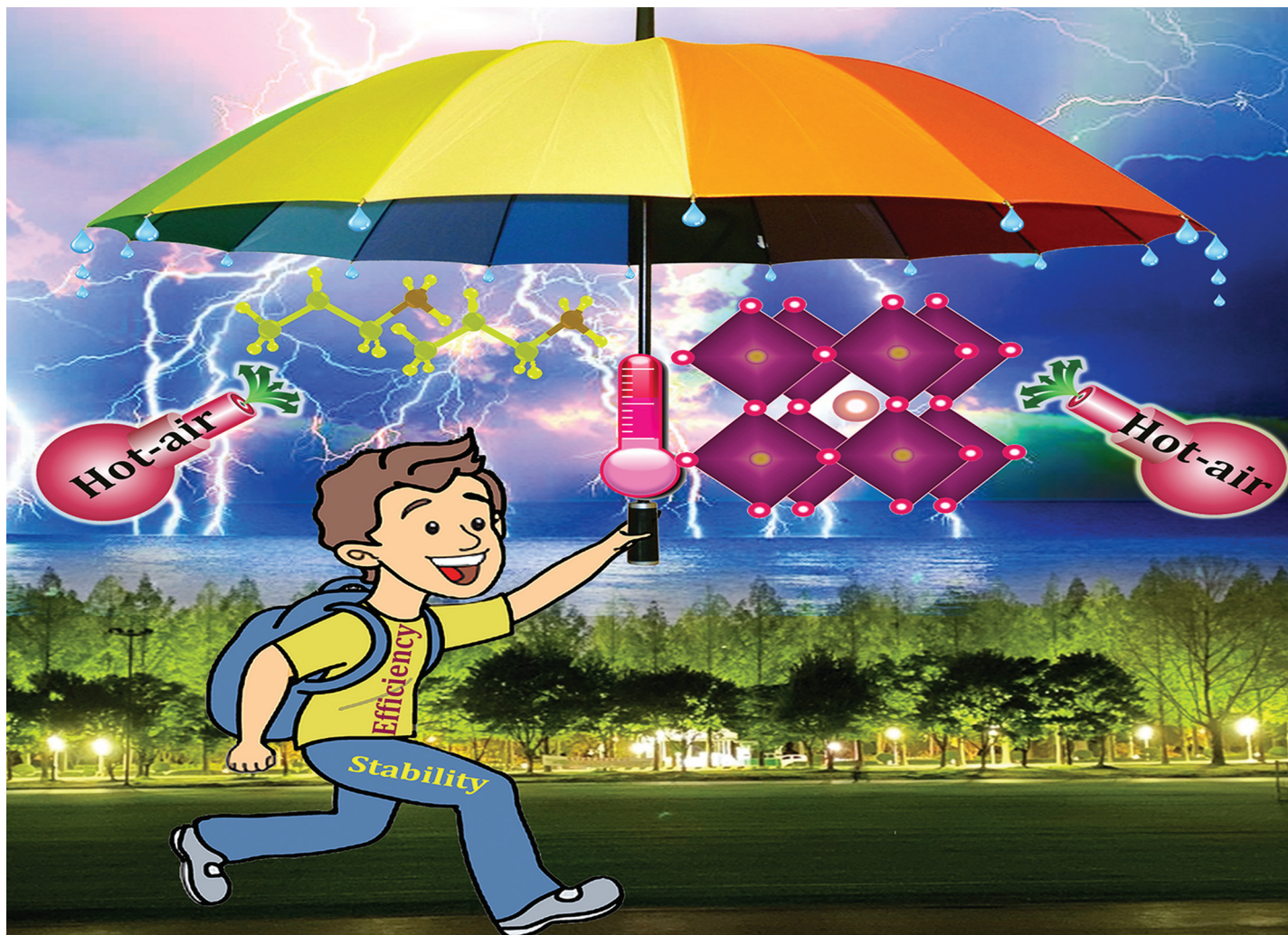
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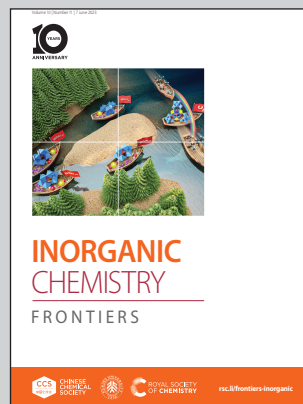


Showcasing research from Professor Chang Kook Hong's laboratory, Polymer Energy Materials Laboratory, School of Chemical Engineering, Chonnam National University, Gwangju, South Korea.

Understanding the synergistic influence of the propylammonium bromide additive and erbium-doped CsPbI_2Br for highly stable inorganic perovskite solar cells

Making stable and efficient all-inorganic perovskite solar cells in ambient conditions is a challenging task. Here, we developed a dual stabilization approach in order to make stable CsPbI_2Br -based perovskites through organic additive and erbium metal-ion doping with the help of hot-air method in ambient conditions which produces >15.7% power conversion efficiency.

As featured in:



See Chang Kook Hong *et al.*, *Inorg. Chem. Front.*, 2023, **10**, 3213.

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