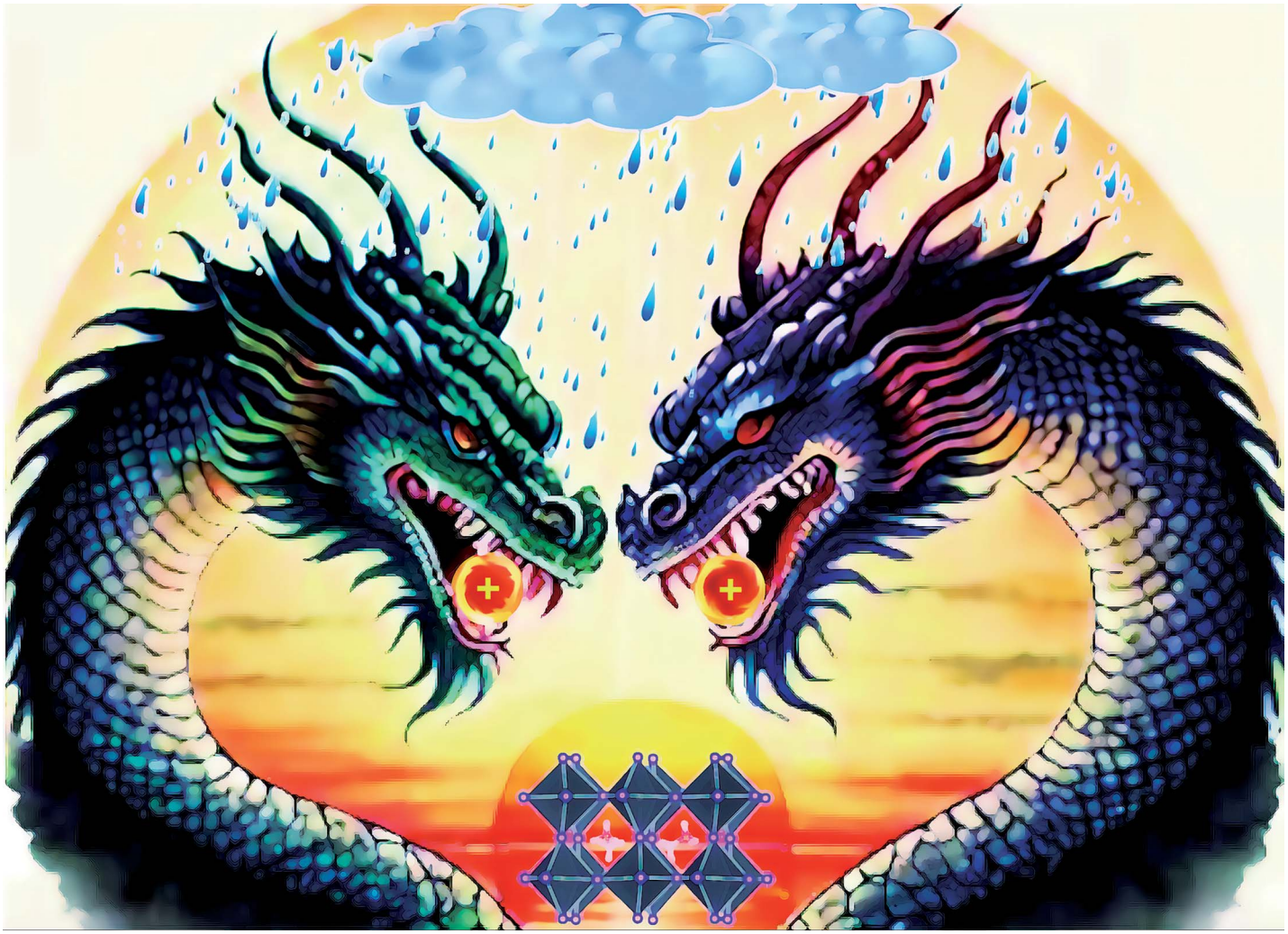

Highlighting a study on efficient and stable perovskites protected by divalent organic cations by a group of researchers led by Prof. Xun-Lei Ding from North China Electric Power University, China.

Divalent organic cations as a novel protective layer for perovskite materials

A novel approach has been developed to improve the stability of $MAPbI_3$, a popular material for perovskite solar cells. The incorporation of the chain-like divalent organic cations on the material's surface causes a substantial enhancement in the moisture stability while retaining the high photoelectric performance.

As featured in:

See Xun-Lei Ding *et al.*, *J. Mater. Chem. A*, 2023, **11**, 11684.

ROYAL SOCIETY OF CHEMISTRY

rsc.li/materials-a

Registered charity number: 207890