

Environmental Science: Atmospheres

GOLD
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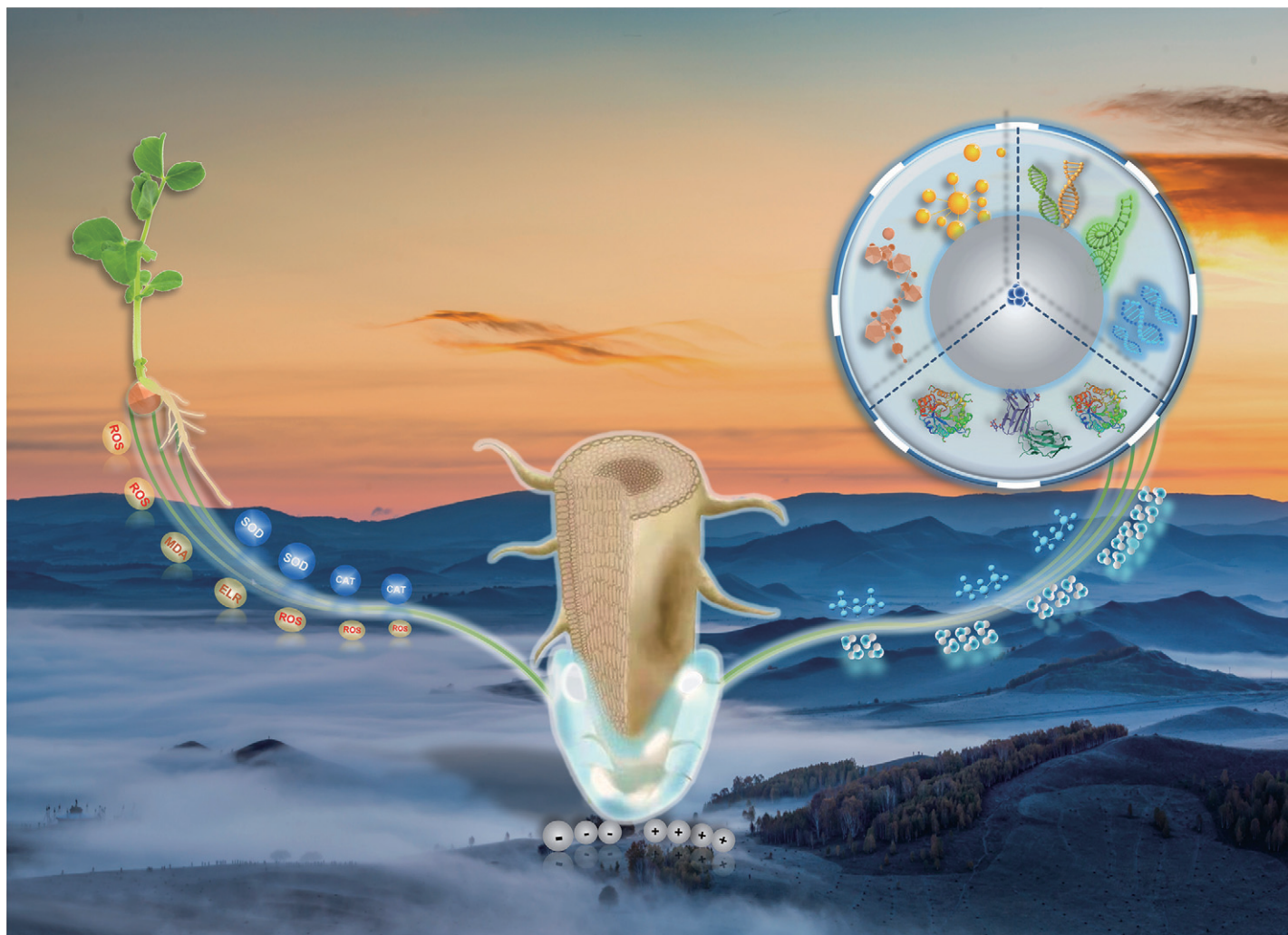
Connecting communities
and inspiring new ideas

APCs waived until mid-2023

rsc.li/submittoEA

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Fundamental questions
Elemental answers



Featuring work from Prof. Xue Bai and Dr. Mengen Kang
at Key Laboratory of Integrated Regulation and Resource
Development on Shallow Lake of Ministry of Education,
College of Environment, Hohai University, China.

Regulatory mechanisms of phytotoxicity and corona
formation on sprouts by differently charged and sized
polystyrene micro/nano-plastics

The extensive application of polystyrene micro/nano-plastics
(PS MPs/NPs) inevitably leads to their release into the
environment and interactions with living organisms. This
study confirms that positively charged and small-sized PS
MPs/NPs induce stronger phytotoxicity, and enhance root
association and corona formation.

As featured in:



See Xue Bai, Mengen Kang *et al.*,
Environ. Sci.: Nano, 2023, 10, 1244.