

RSC Sustainability

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Fundamental questions
Elemental answers

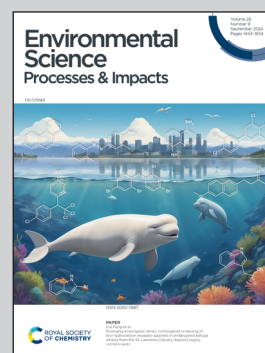


Featuring work from Dr Gen Pei on the Healthy Buildings program at the Environmental Health Department, Harvard T.H. Chan School of Public Health.

A CFD study on the effect of portable air cleaner placement on airborne infection control in a classroom

We used CFD modeling to evaluate the effectiveness of portable air cleaners to help remove airborne pathogens and mitigate disease transmission in schools. We found that air cleaners are effective, with their performance influenced by their placement.

As featured in:



See Gen Pei *et al.*, *Environ. Sci.: Processes Impacts*, 2024, **26**, 1476.