

# RSC Sustainability

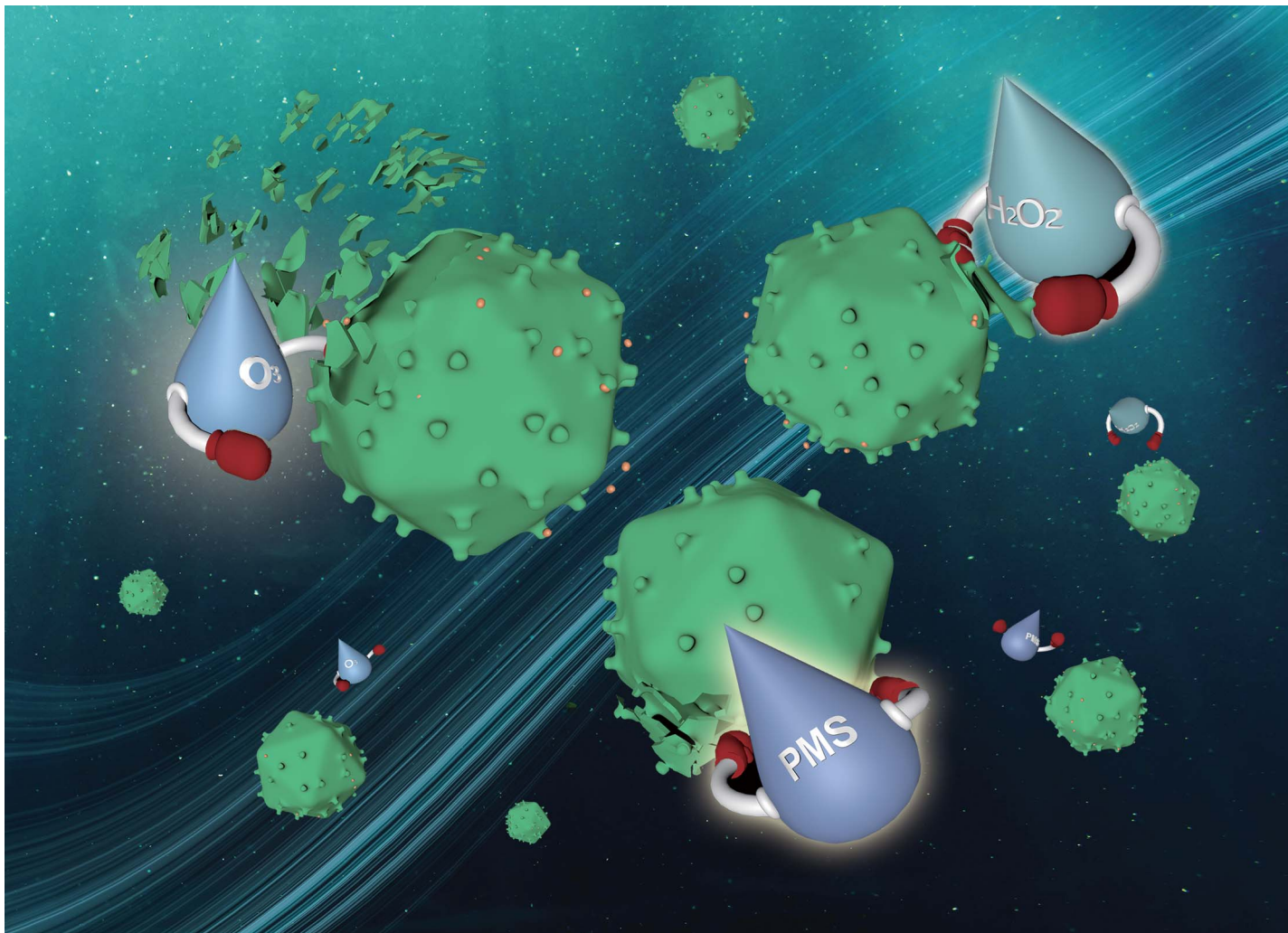
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Fundamental questions  
Elemental answers



Featuring work from Dr. Lu Peng from the Institute of Environment and Ecology, Tsinghua Shenzhen International Graduate School at Tsinghua University, China.

Ozone, hydrogen peroxide, and peroxymonosulfate disinfection of MS2 coliphage in water

Control of viruses in water is crucial for preventing waterborne diseases. This study systematically investigated the effects of dose, contact time, and secondary effluent on the disinfection of MS2 coliphage by  $O_3$ , PMS, and  $H_2O_2$ .

### As featured in:



See Lu Peng *et al.*,  
*Environ. Sci.: Processes Impacts*,  
2024, **26**, 824.