

# Environmental Science journals

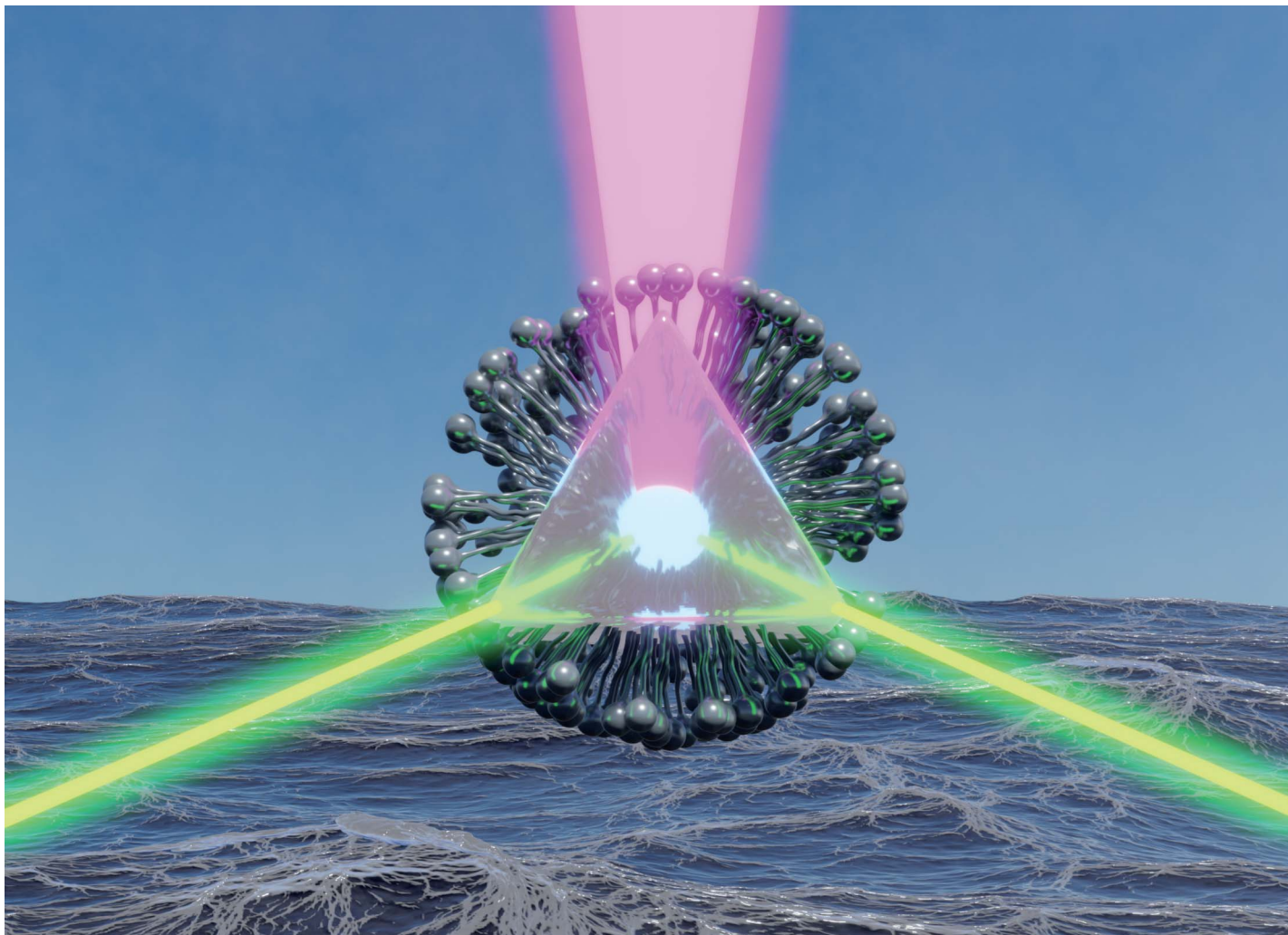
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Fundamental questions  
Elemental answers



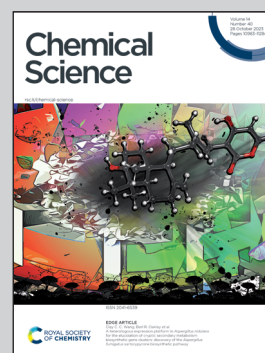


Showcasing research from Næsborg's laboratory,  
University of Münster, Germany.

Photocyclization by a triplet-triplet annihilation  
upconversion pair in water – avoiding UV-light and oxygen  
removal

In the displayed work, two lower energy green photons  
generate one higher energy photon, as illustrated in the  
cover image. This upconversion concept allows for the  
generation of bioisosteres *via* a 2+2 photocyclization  
without the need for UV light and oxygen removal.

As featured in:



See L. Næsborg *et al.*, *Chem. Sci.*,  
2023, **14**, 11040.