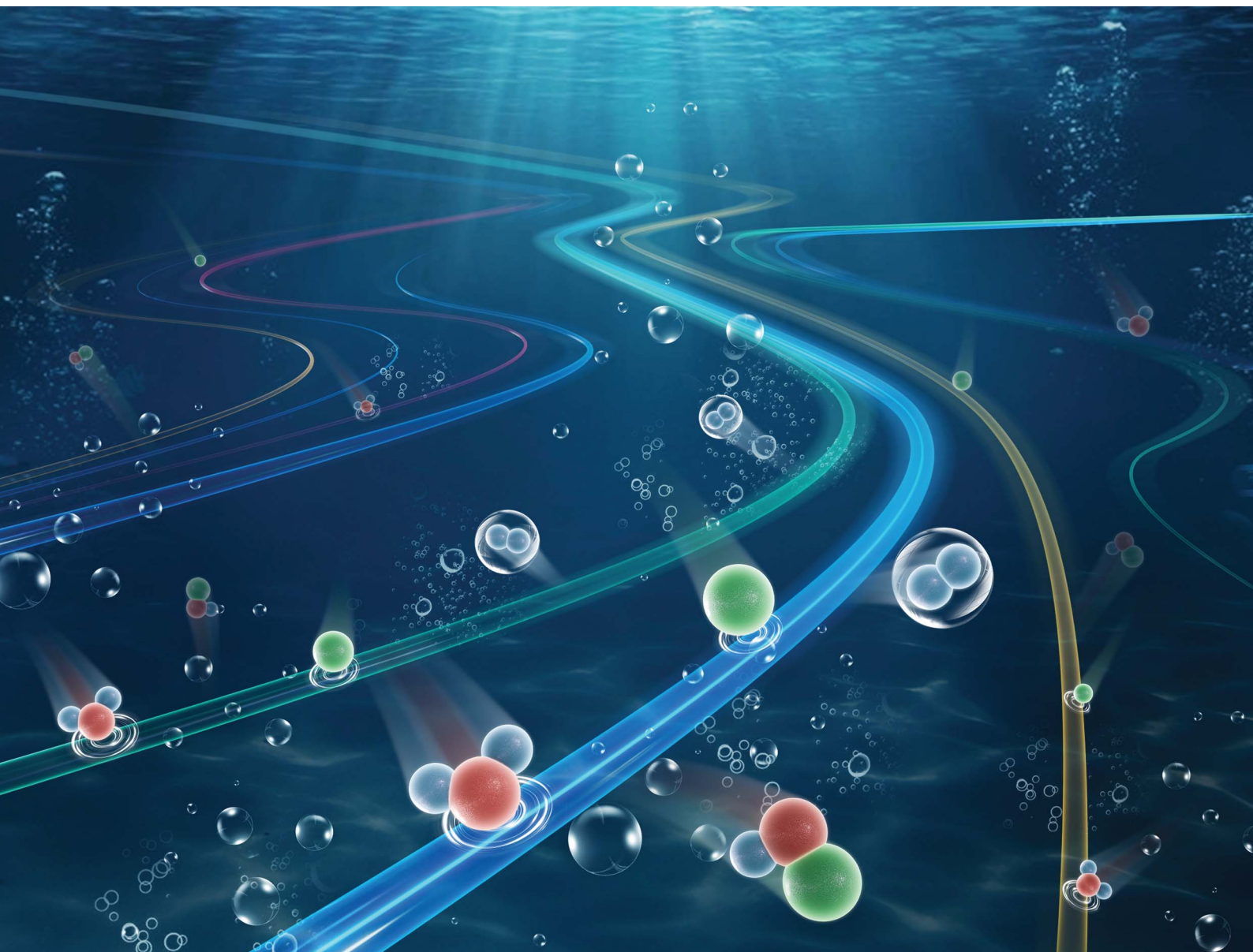


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**PAPER**

Han Fu, Paul Westerhoff *et al.*  
Benefits and yields of simultaneous free chlorine and  
hydrogen generation in side-emitting optical fiber  
photocatalytic reactors