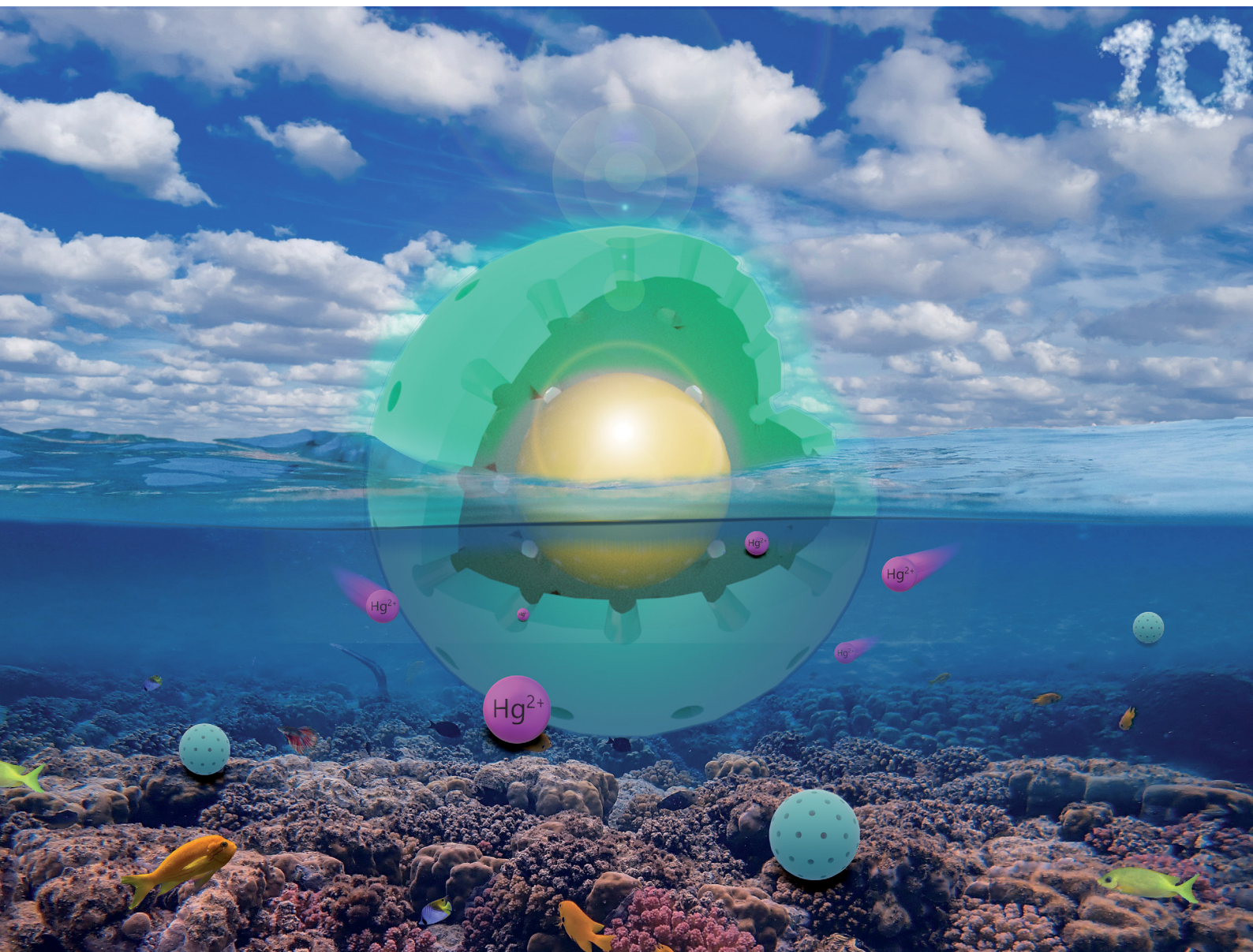


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**PAPER**

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Periodic mesoporous organosilica based sensor  
for broad range mercury detection by simultaneous  
downshifting/upconversion luminescence