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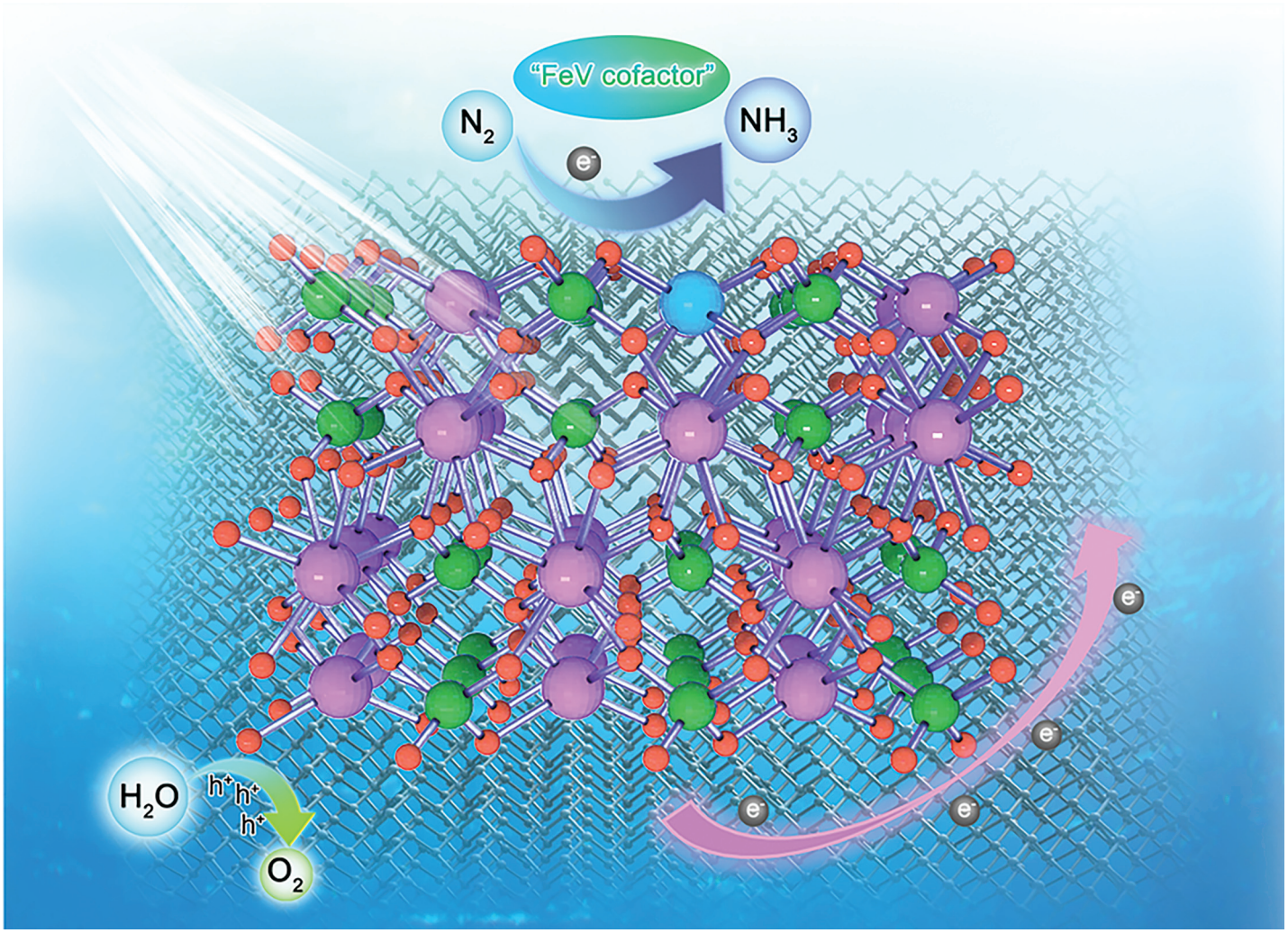
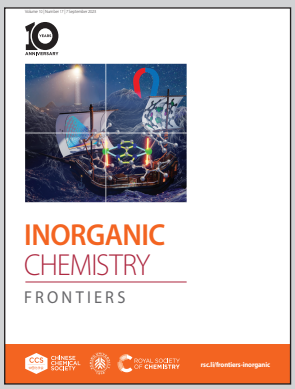


Showcasing research from Professor Haixin Chang's laboratory, School of Materials Science and Engineering, Huazhong University of Science and Technology, Wuhan, China.

"FeV-cofactor"-inspired bionic Fe-doped $BiVO_4$ photocatalyst decorated with few-layer 2D black phosphorus for efficient nitrogen reduction

In-built bionic FeV cofactor in Fe-$BiVO_4$ catalyst decorated with 2D black phosphorus can not only adsorb and activate N_2 molecules, but also promote carrier separation and transfer, thus improving photocatalytic nitrogen reduction performance.

As featured in:



See Shaonan Gu, Guofu Wang, Haixin Chang *et al.*, *Inorg. Chem. Front.*, 2023, **10**, 5004.

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