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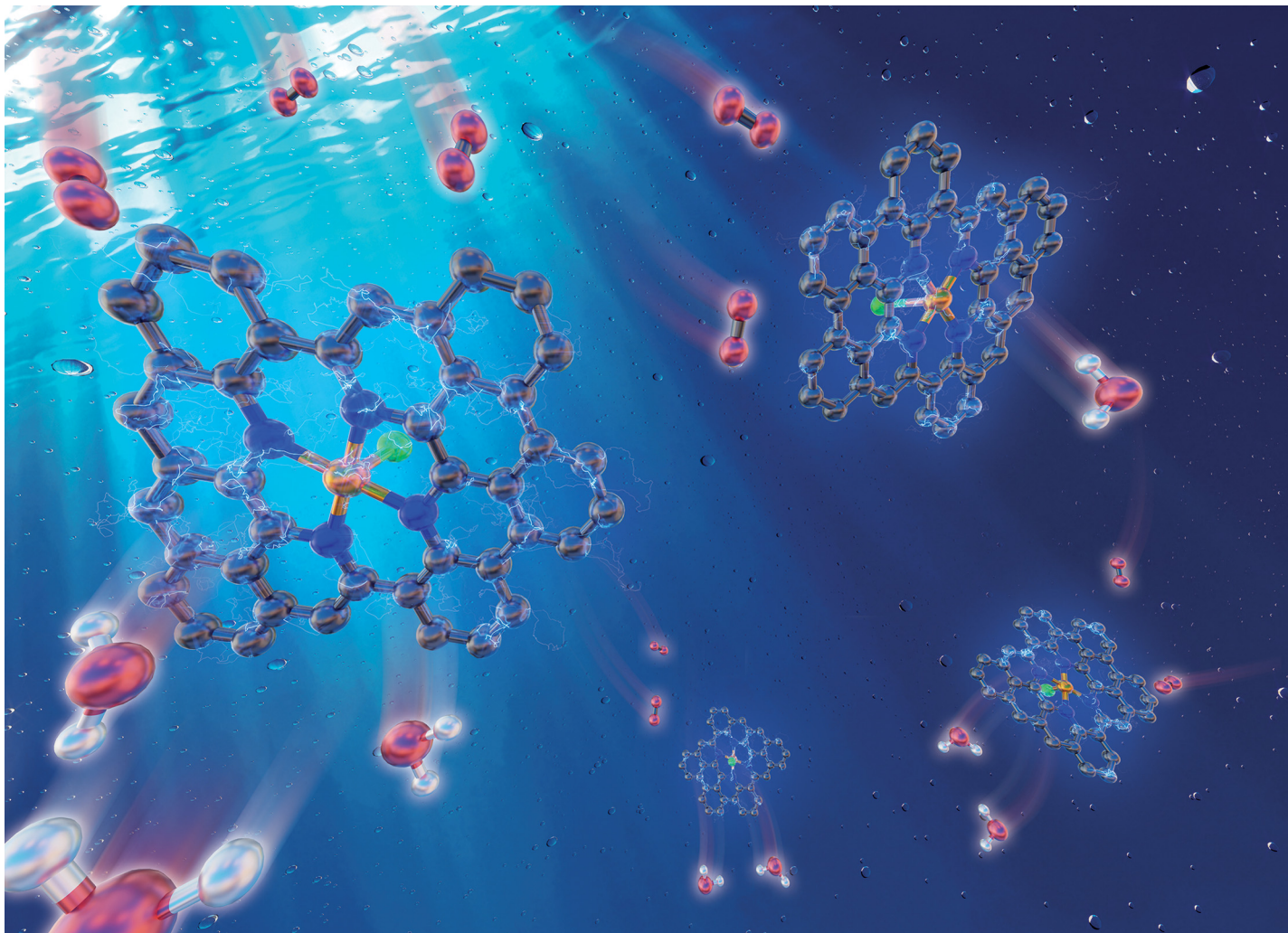


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Showcasing research from Professor Song Liu's laboratory,
School of Chemistry, Chemical Engineering and Resource
Utilization, Northeast Forestry University, Harbin 150040,
China.

Axial optimization of biomimetic nanoenzyme catalysts
applied to oxygen reduction reactions

A novel enzyme-like electrocatalyst chlorine-coordinated
single-atom iron nanozyme (FeN_4Cl -SAzyme) was
synthesized. Experiments and DFT calculations both
proved the axial coordination chlorine atom played an
important role in the oxygen reduction reaction.

As featured in:



See Jingxiang Zhao, Song Liu,
Bin Li *et al.*,
Chem. Commun., 2023, **59**, 3550.