



Showcasing research from Professor Xing-Jiu Huang's laboratory, Institute of Solid State Physics, HFIPS, Chinese Academy of Sciences, Hefei 230031, China.

Modulating paired Ir-O-Ir *via* electronic perturbations of correlated Ir single atoms to overcome catalytic selectivity

The active center of a paired Ir-O-Ir structure was generated by introducing electronic perturbations to correlated single Ir atoms on  $\text{Co}_3\text{O}_4$  nanosheets, with the oxygen atoms of Ir-O-Ir serving as the primary active site for the selective electrocatalysis of  $\text{As(III)}$ .

As featured in:



See Wen-Qing Liu,  
Xing-Jiu Huang *et al.*,  
*Chem. Sci.*, 2023, **14**, 9678.