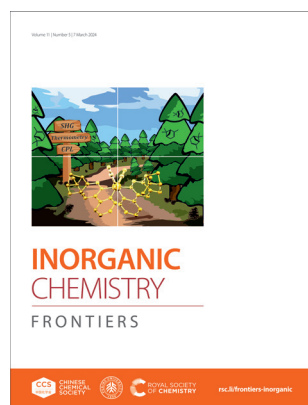


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#### Cover

See Szymon Chorazy *et al.*, pp. 1366–1380.

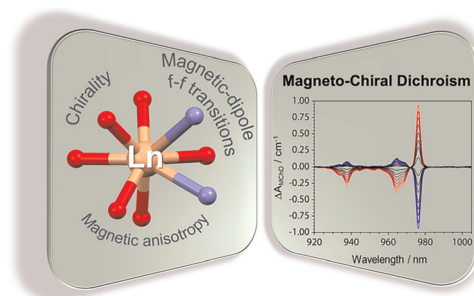
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Fabrice Pointillart,\* Matteo Atzori\* and Cyrille Train

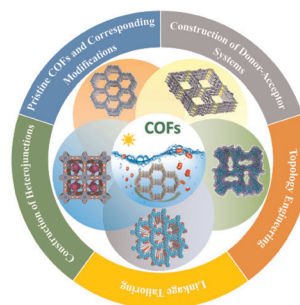


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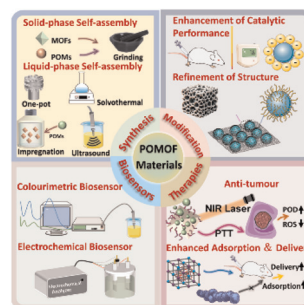


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Lijin Wang, Pengyu Dai, Hongli Ma,\* Tiedong Sun\* and Jinsong Peng\*

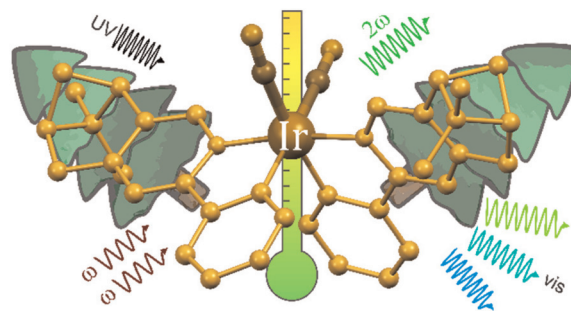


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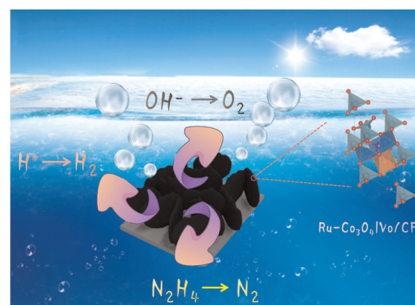
Jan Rzepiela, Michal Liberka, Mikolaj Zychowicz, Junhao Wang, Hiroko Tokoro, Kinga Piotrowska, Sebastian Baś, Shin-ichi Ohkoshi and Szymon Chorazy\*



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### Spin configuration modulation of Co<sub>3</sub>O<sub>4</sub> by Ru doping for boosting the overall water splitting and hydrazine oxidation reactions

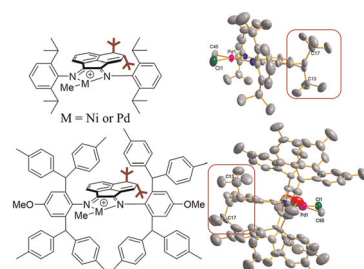
Xiaohu Xu,\* Le Su, Xinyue Yu, Jikai Sun\* and Xiangyang Miao\*



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### Dearomatized diimines for nickel(II) and palladium(II) catalyzed ethylene polymerization and copolymerization

Lihua Guo,\* Wei Zhao, Mingjun Ji, Weiqiang Chen, Pengwei Li, Lijie Li, Jiaxing Li and Zhe Liu

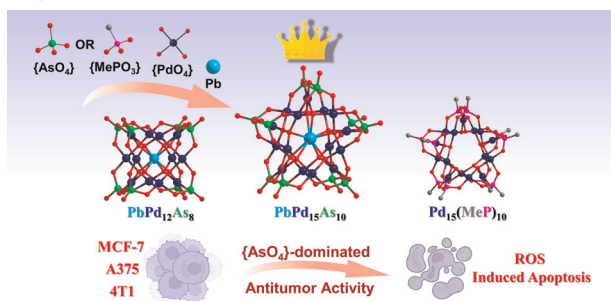


Ethylene (co)polymerization catalysts with the back space of the metal center shielded by the bulky backbone



## RESEARCH ARTICLES

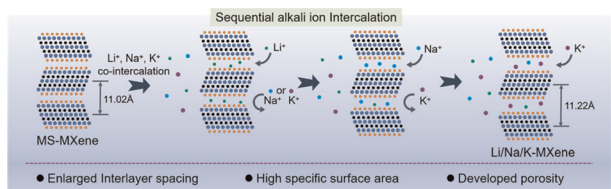
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Yue Zhao, Cheng-Lan Li, Chao-Qin Chen, Jing Du, Ulrich Kortz,\* Teng Gong\* and Peng Yang\*

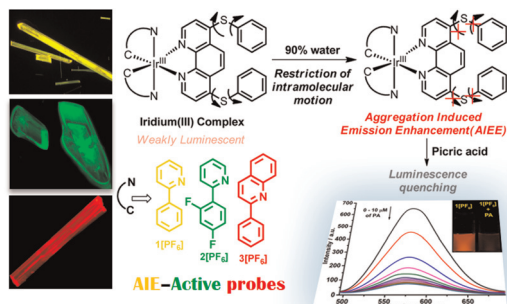
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Yanchao Ou, Peng Zhang,\* Razium Ali Soomro, Ning Qiao,\* Haonan Cui and Bin Xu\*

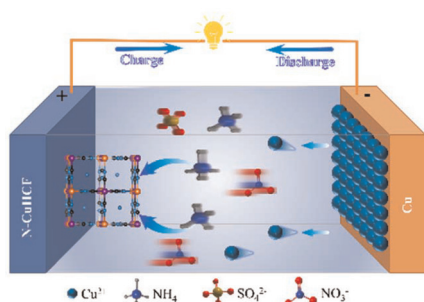
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Wenhui Yang, Xikun Zhang, Guangchang Shu, Haoxiang Yu, Liyuan Zhang, Lei Yan\* and Jie Shu\*

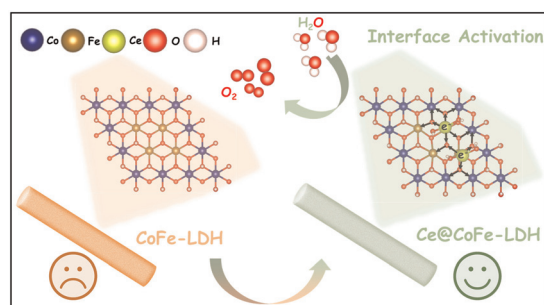


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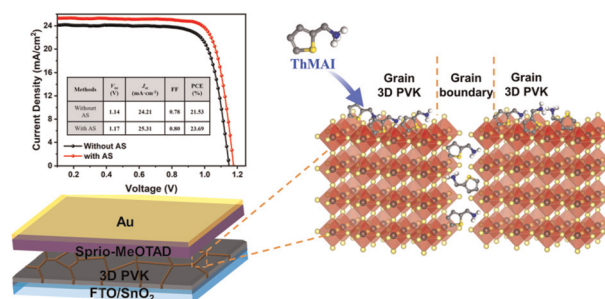
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### Antisolvent solubilization achieves simultaneous passivation of shallow and deep defects in perovskite solar cells

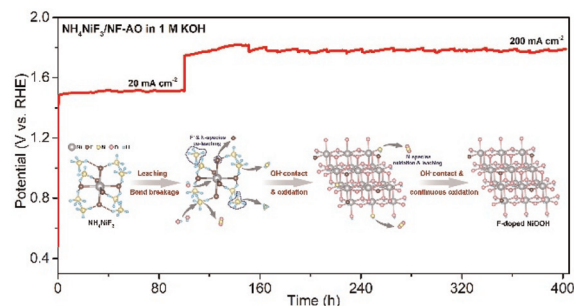
Chu Zhang, Chunying Ma, Shennan Chen and Tingli Ma\*



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### F-doped NiOOH derived from progressive reconstruction for efficient and durable water oxidation

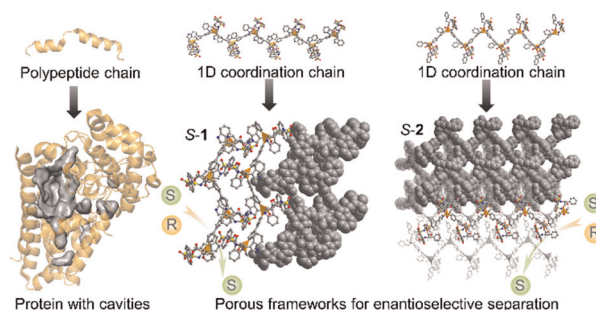
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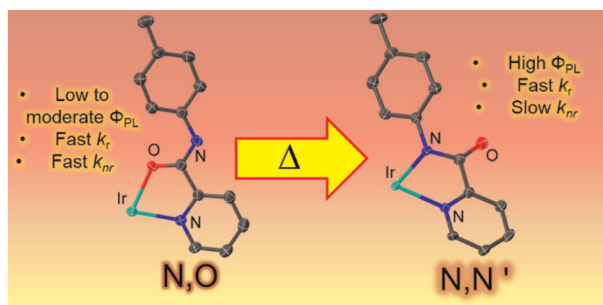
Chengfeng Zhu,\* Yongfei Mu, Ying Li, Kun-Yu Wang, Xiaoyu Ma, Siyu Tu, Yanming Fu, Lanjun Cheng, Xiang Wu and Yougui Li\*





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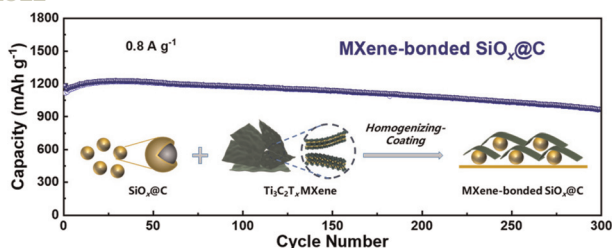
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Chenggang Jiang and Thomas S. Teets\*

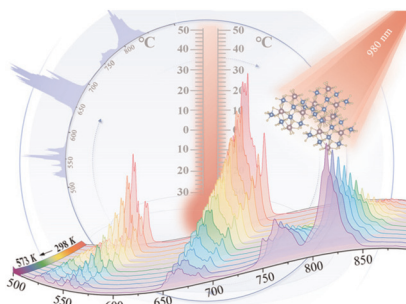
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Zhenqiang Liu, Yong Yang, Qizhen Zhu,\* Meng Li\* and Bin Xu\*

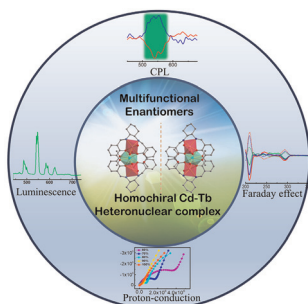
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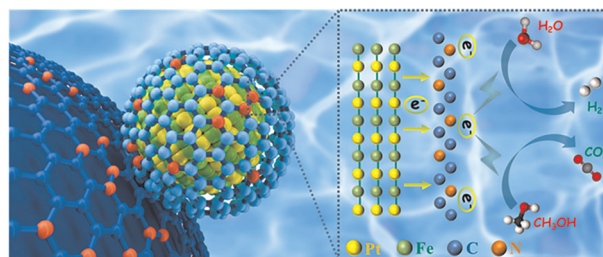


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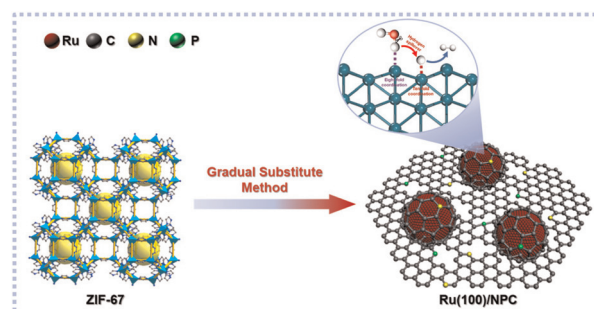
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### Anomalous dominated (100) index facet endows ruthenium nanoparticles with accelerated alkaline hydrogen evolution

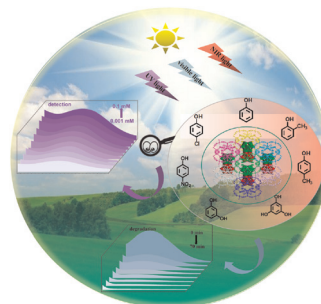
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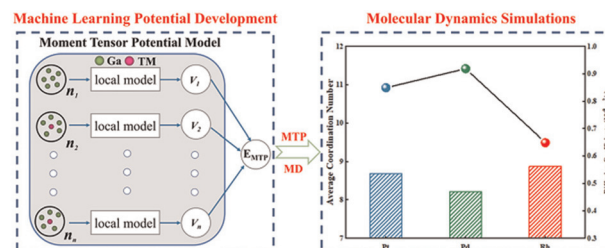
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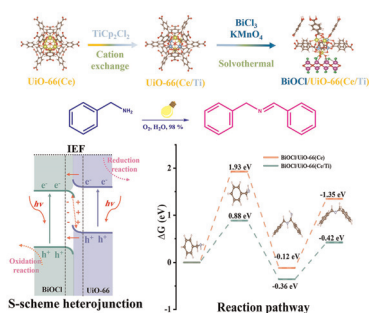
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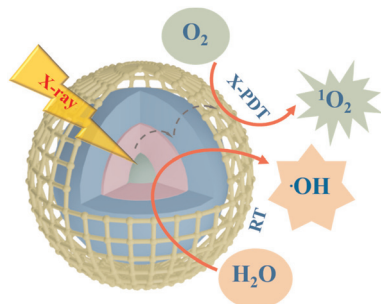
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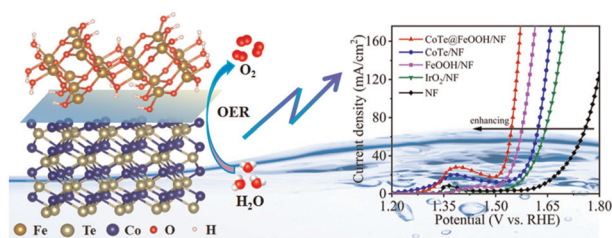
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