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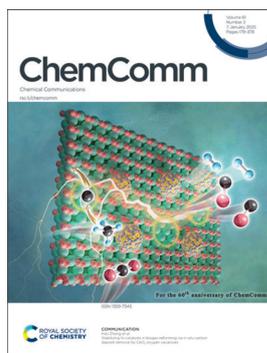
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See Huiming Hua, Dahong Li *et al.*, pp. 266–269. Image reproduced by permission of Dahong Li from *Chem. Commun.*, 2025, 61, 266.



### Inside cover

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## HIGHLIGHTS

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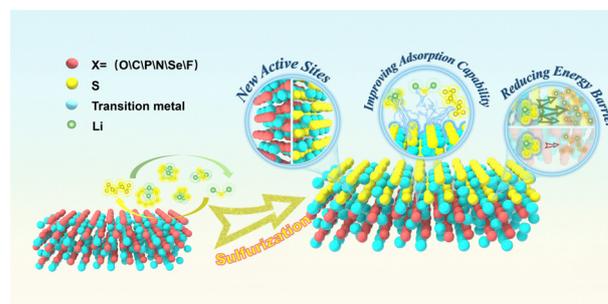
Divyanshi Thakkar, Rhythm Sehgal, A. K. Narula and Deepa Deswal\*



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### Sulfurization of transition metal inorganic electrocatalysts in Li-S batteries

Manchuan Guo, Zhijie Chen, Tao Ren, Xiyong Chen and Jinliang Zhu\*



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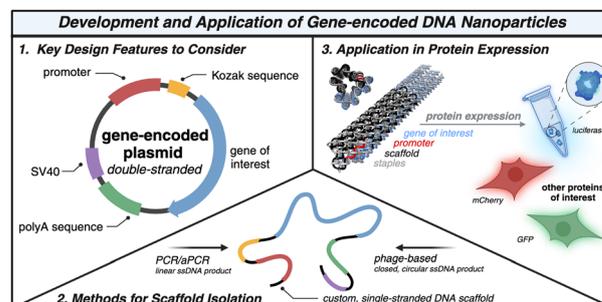


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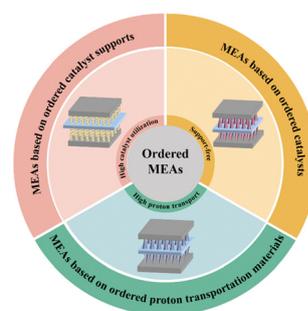
Kayla Neyra, Sara Desai and Divita Mathur\*



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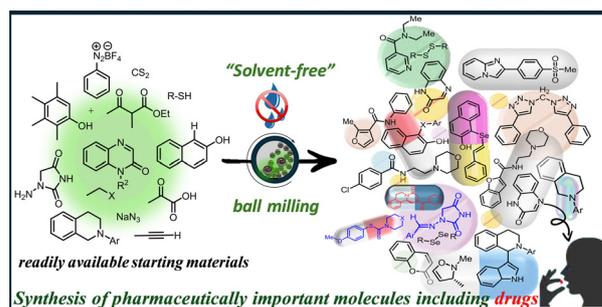
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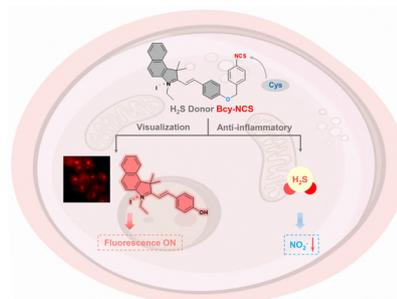


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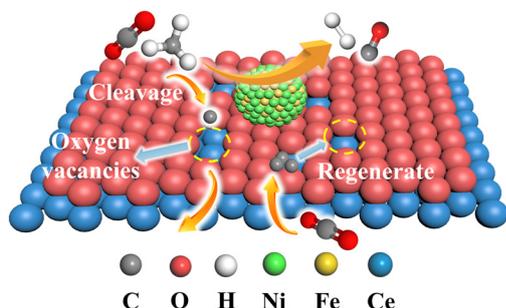
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Nianwei Wang, Xuan Wang, Jicheng Wang, Yikun Ren, Huiming Hua\* and Dahong Li\*



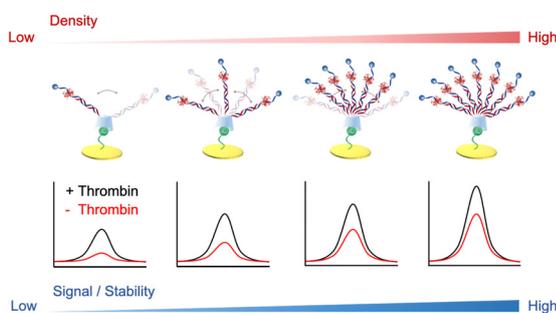
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### Stabilizing Ni catalysts in biogas reforming via *in situ* carbon deposit removal by CeO<sub>2</sub> oxygen vacancies

Yonggang Gang, Zijiang Zhao, Yanhui Long, Xiaodong Li and Hao Zhang\*

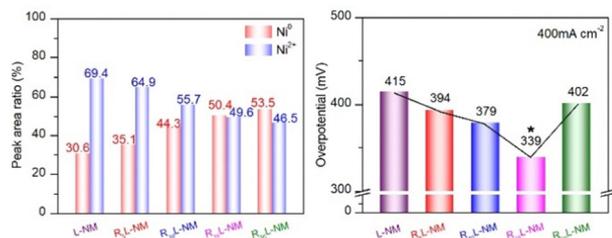
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Shaoguang Li, Siyuan Miao, Ming Chen, Yaqi Zhang, Hui Li\* and Fan Xia

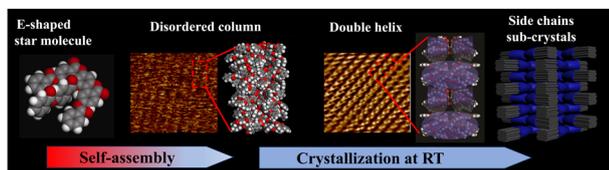
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Raluca I. Gearba, Denis V. Anokhin and Dimitri A. Ivanov\*

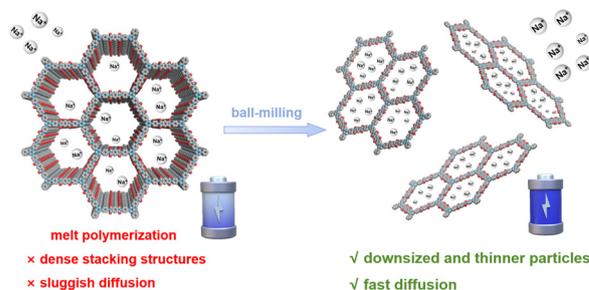


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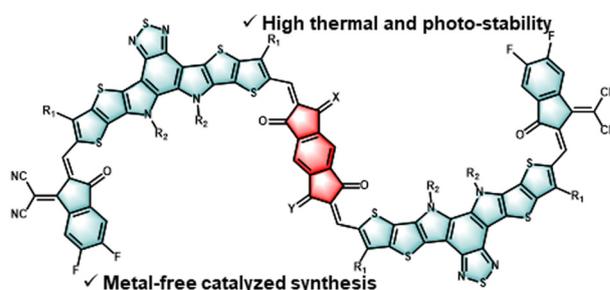
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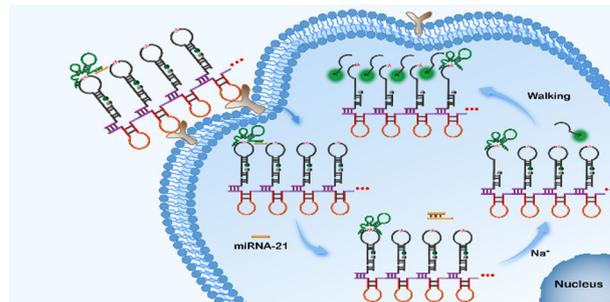
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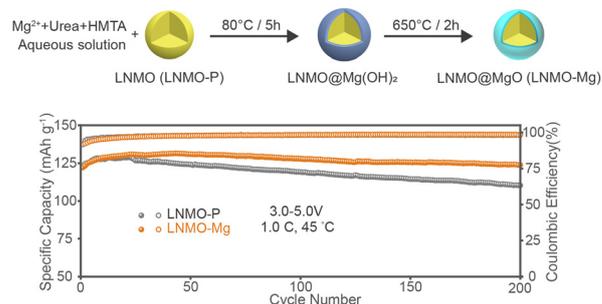
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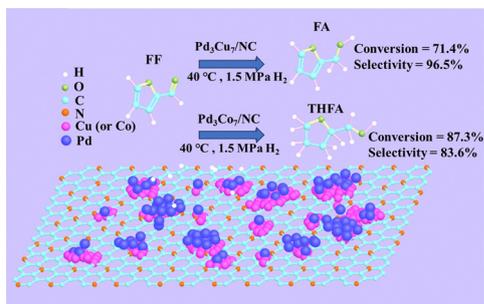
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### Construction of uniform MgO nanoshells for improved high-voltage performance of Li-ion batteries

Qi-Wen Liu, Si-Jie Guo, Mu-Yao Qi and An-Min Cao\*



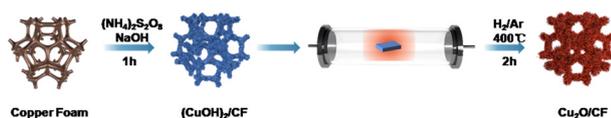
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Xin Duan, Yu Fang, Ziwei Cao, Jingbao Zhang and Lihua Zhu\*

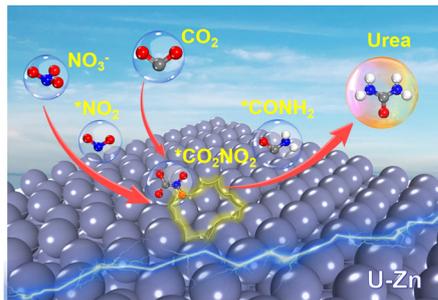
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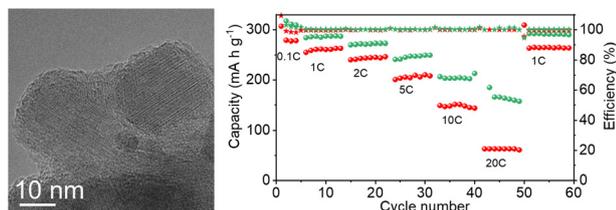
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Xiaomiao Wang,\* Fengyu Zhang, Haixin Zhang, Jingxuan Wang, Wenhuan Qu, Xiang Li and Ke Chu\*

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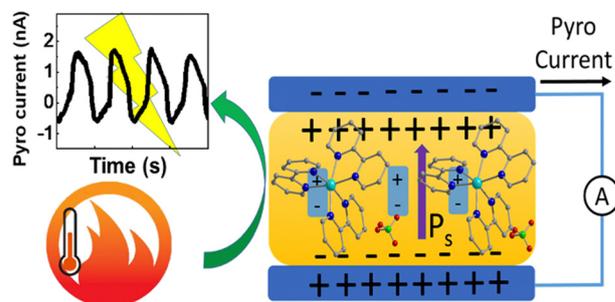
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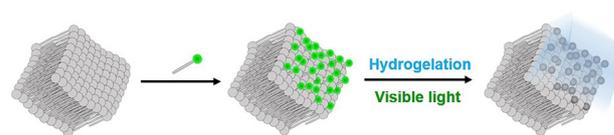
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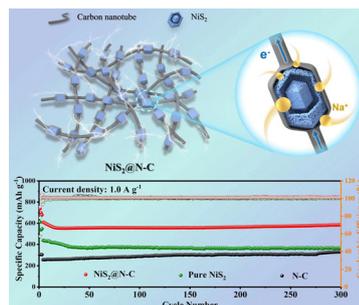
Young Jae Jung, Hyunwoo Choi, Insung S. Choi\* and Jungkyu K. Lee\*



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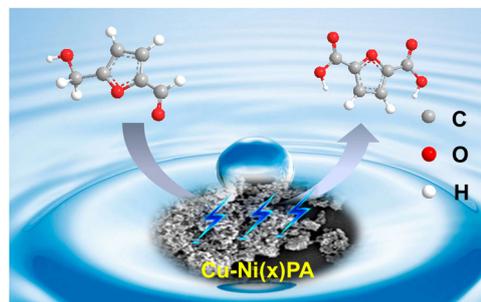
Li Wang, Ying Zhu, Dong Yan, Jingjing Wang, Rui Wu, Jinxia Jiang,\* Xiaobin Niu, Chia-Yun Chen, Hanchao Li\* and Jun Song Chen\*



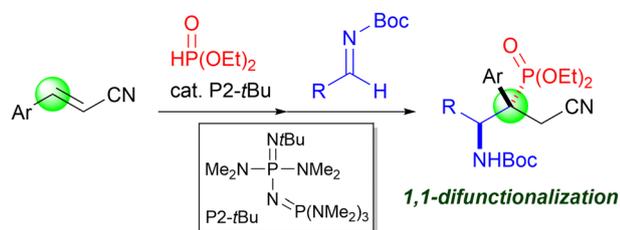
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### Highly efficient electrooxidation of biomass-based 5-hydroxymethylfurfural to 2,5-furandicarboxylic acid over a Cu-Ni bimetal-phytic acid hybrid electrocatalyst

Haishan Xu, Yinghua Li, Zhenbing Xie,\* Xin Wang, Runlu Yang, Haoran Wu\* and Yiyong Mai\*



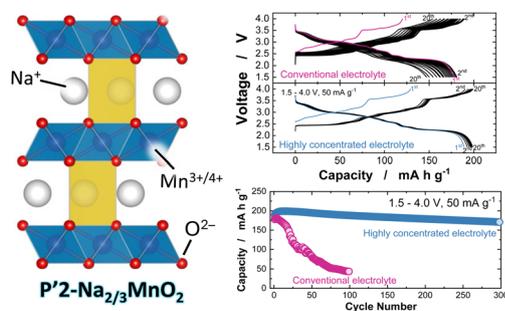
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Azusa Kondoh,\* Sho Yamaguchi and Masahiro Terada\*

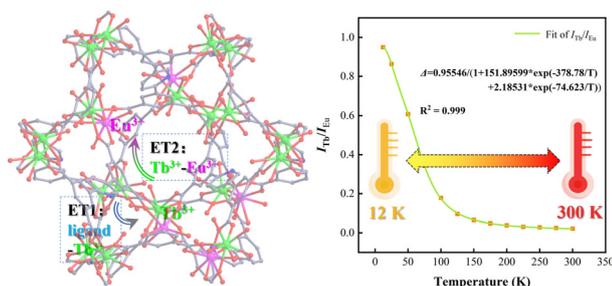
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Yosuke Ugata, Tomohiro Kuriyama and Naoaki Yabuuchi\*

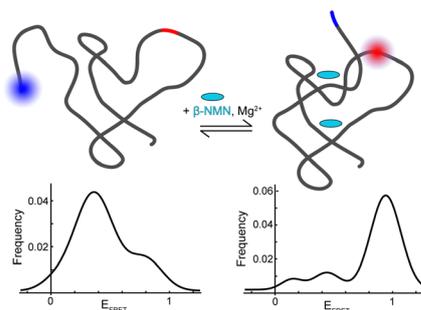
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### A NbO-type mixed lanthanide metal–organic framework for cryogenic temperature sensing

Yi Li, Xiaoman Zhang, Huizhen Wang, Lin Zhang,\* Hongjun Li\* and Dian Zhao\*

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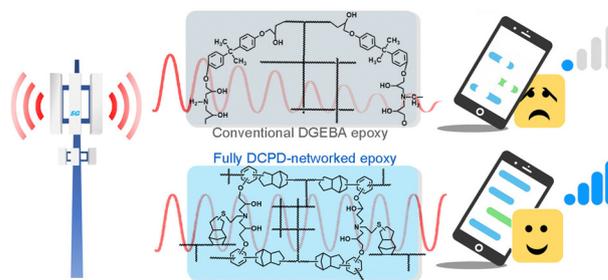
Nico E. Conoan Nieves and Julia R. Widom\*



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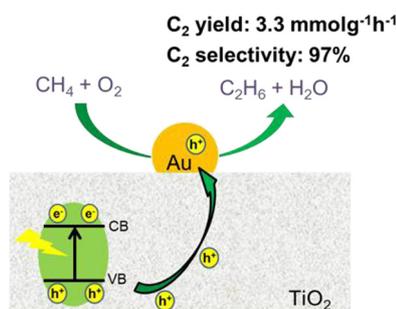
Yuqing Li, Peng Zhao, Xiongtao Ju, Shutong Jiang, Long Zhang, Jianhua Li, Shun Li, Xu Li\* and Jianming Zhang\*



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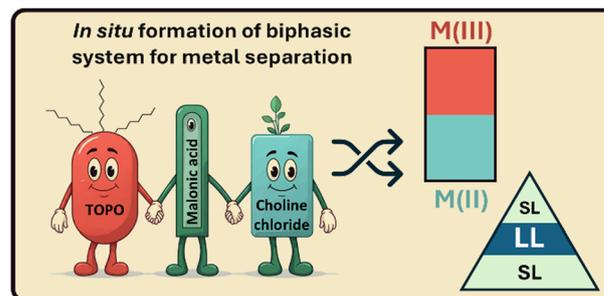
Shihua Zhu, Yachao Wang, Yu Wang, Yaxiong Wei, Guofeng Zhao and Cong Fu\*



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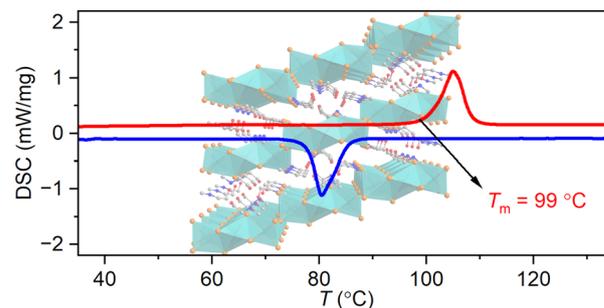
André Nogueira, Camila Vallejos-Michea, Sara Fateixa, Yecid P. Jimenez, João A. P. Coutinho and Nicolas Schaeffer\*



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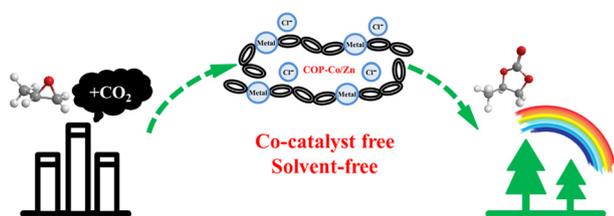
### A 9R-like 2D hybrid metal halide with remarkably low melting temperature

Wei Wang, Jing-Meng Zhang, Ming-Liang Jin, Chang-Qing Jing and Wen Zhang\*



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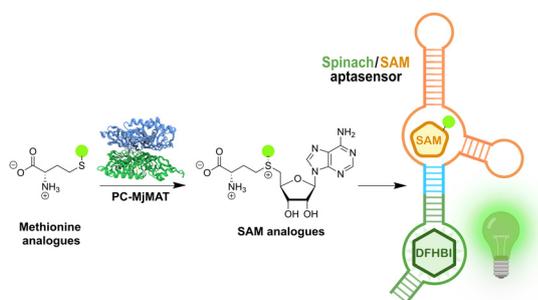
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Ruiying Zhang, Yue Shen, Lin Liu\* and Zhengbo Han\*

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Jonas Schöning, Aileen Tekath, Nicolas V. Cornelissen, Arne Hoffmann and Andrea Rentmeister\*

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## CORRECTION

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**Correction: Stabilizing Ni catalysts in biogas reforming via *in situ* carbon deposit removal by CeO<sub>2</sub> oxygen vacancies**

Yonggang Gang, Zijiang Zhao, Yanhui Long, Xiaodong Li and Hao Zhang\*

