

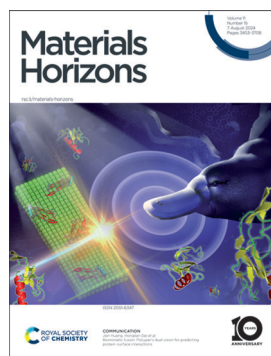
# Materials Horizons

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ISSN 2051-6347 CODEN MHAOAL 11(15) 3453-3708 (2024)



### Cover

See Jian Huang, Honglian Dai *et al.*, pp. 3528–3538. Image reproduced by permission of Honglian Dai from *Mater. Horiz.*, 2024, **11**, 3528.



### Inside cover

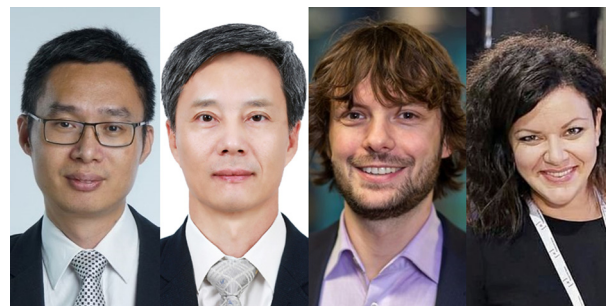
See Longjian Xue *et al.*, pp. 3539–3547. Image reproduced by permission of Longjian Xue from *Mater. Horiz.*, 2024, **11**, 3539.

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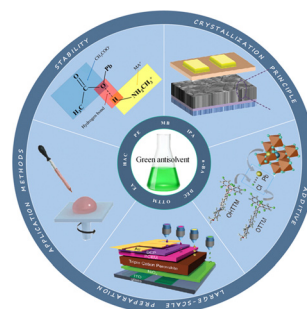


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# RSC Applied Interfaces

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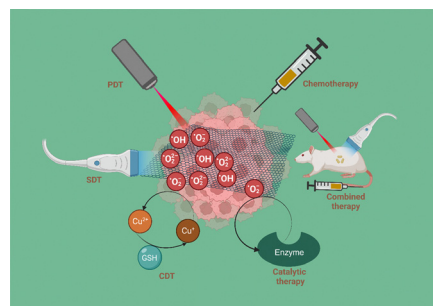
Fundamental questions  
Elemental answers

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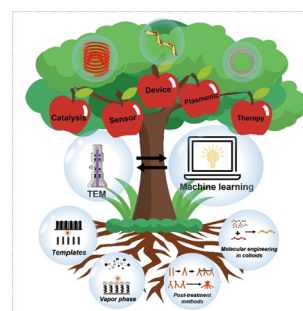
Chao Wang\* and Shan Zhang\*



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Dahai Yang, Rui Huang, Bolin Zou, Ruoxu Wang, Yong Wang, Edison Huixiang Ang\* and Xiaohui Song\*

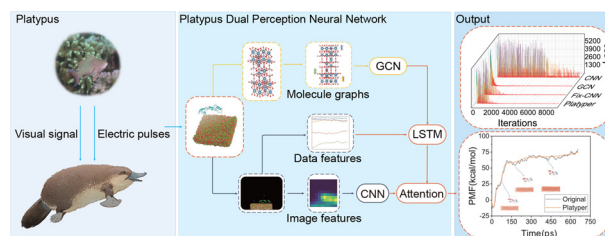


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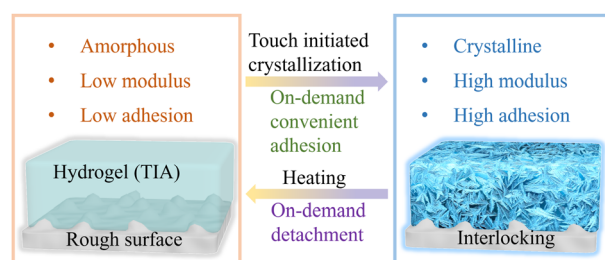
Chuhang Hong, Xiaopei Wu, Jian Huang\* and Honglian Dai\*



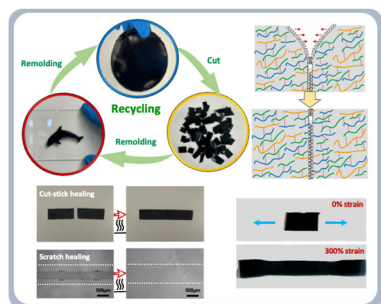
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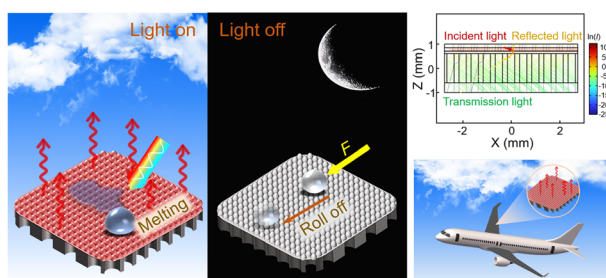
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Jinsil Kim, Jiaxin Fan, Gayaneh Petrossian, Xin Zhou, Pierre Kateb, Noemy Gagnon-Lafrenais and Fabio Cicoira\*

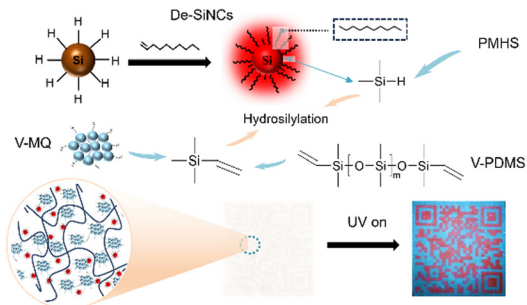
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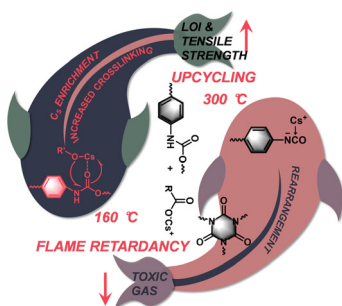
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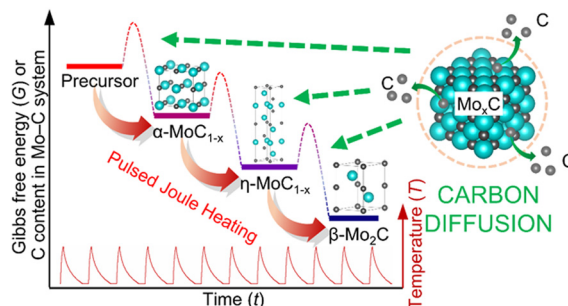
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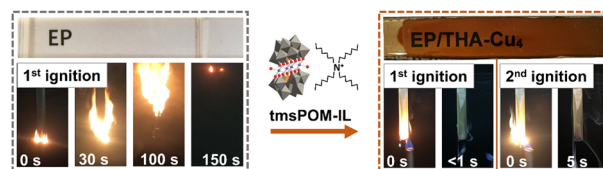
Renjie Fang, Haoxian He, Zhiyi Wang, Ye-Chuang Han\* and Feng Ru Fan\*



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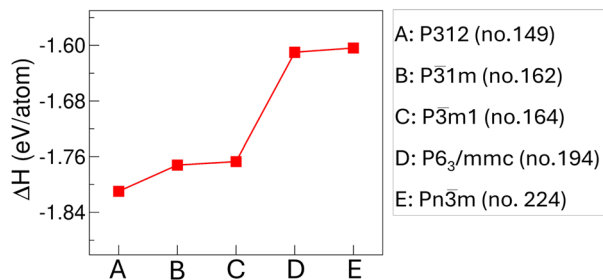
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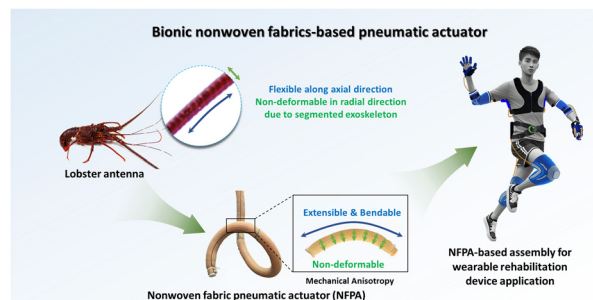
Dinesh Thapa,\* Shambhu Bhandari Sharma, Dario Alfè, Dmitri Kilin and Svetlana Kilina



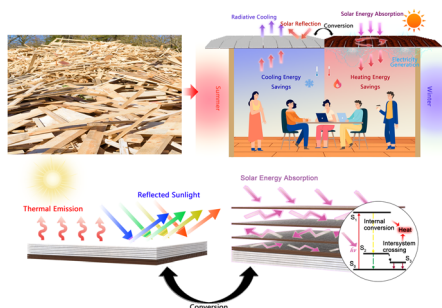
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Sheng Qiu, Hongwei Zhang, Jiazhe Cheng, Shuo Shi, Yintung Lam, Wenfang Li, Haoyun Li, Hongbo Wang,\* Fengxin Sun\* and Hao Jia\*



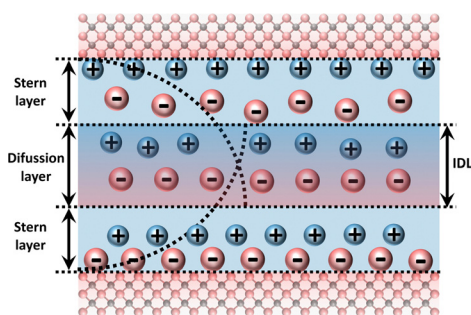
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Jiayi Zhang, Kairen Yin, Zirui Zhuang, Jinghan Zhou, Yixi Tang, Jingyong Xu, Yipeng Chen,\* Yingying Li\* and Qingfeng Sun\*

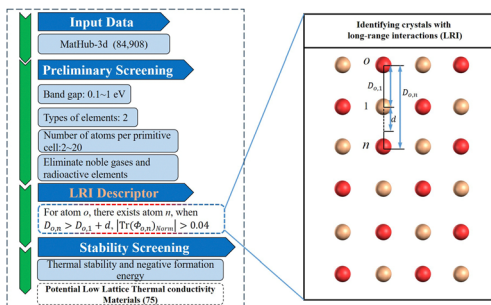
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Shengyang Zhou,\* Yilin Zhang, Xuan Li, Chao Xu, Joseph Halim, Shuai Cao, Johanna Rosen and Maria Strömme

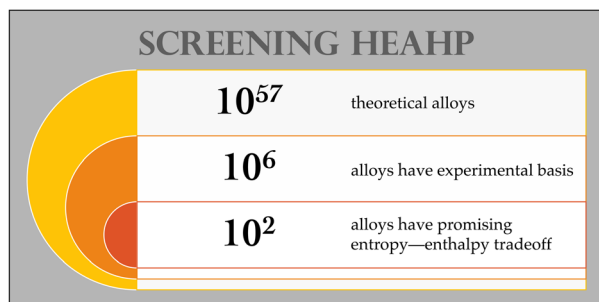
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Yu Wu,\* Linxuan Ji, Yimin Ding and Liujiang Zhou\*

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Sanjoy Sur Roy, Koushik Ghosh, M. Meyyappan and P. K. Giri\*

