

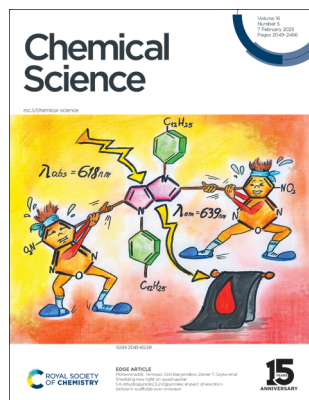
# Chemical Science

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**Cover**  
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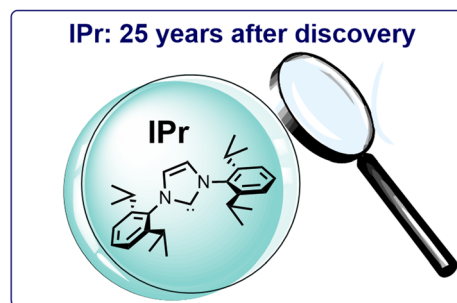
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See Rachel Codd *et al.*, pp. 2180–2190. Image reproduced by permission of Ramona Codd-Miller from *Chem. Sci.*, 2025, **16**, 2180.

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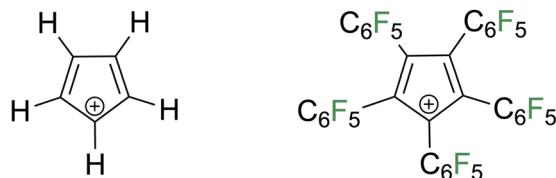
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Sameera Ranasinghe, Caleb D. Martin\* and Jason L. Dutton\*



A 99 year journey from observation to isolation



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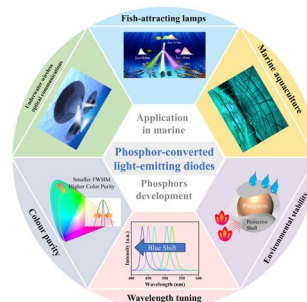
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Fundamental questions  
Elemental answers

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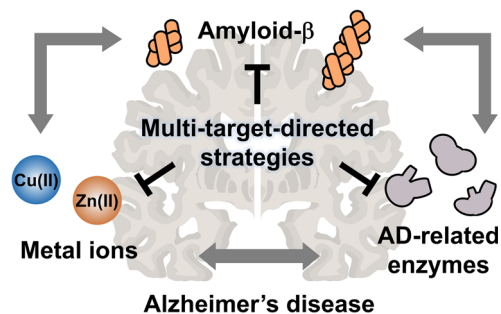
Maofeng Hua, Shuifu Liu, Lei Zhou,\* Jean-Claude Bünzli\* and Mingmei Wu\*



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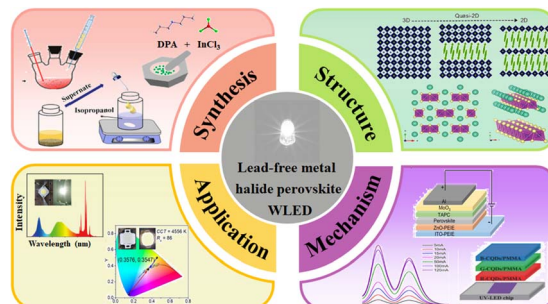
Jeasang Yoo, Jimin Lee, Byeongha Ahn, Jiyeon Han\* and Mi Hee Lim\*



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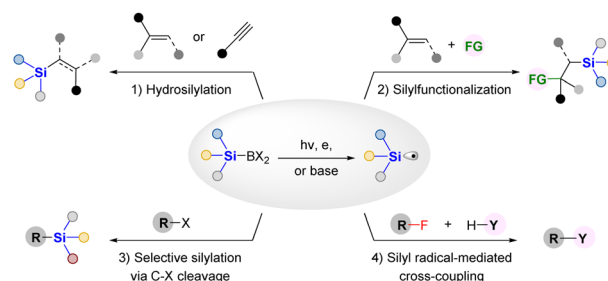
Run Tan, Zhenyu Liu, Zhigang Zang\* and Shuangyi Zhao\*



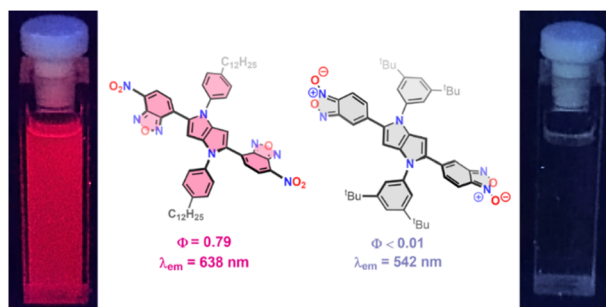
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Zhihua Cai, Qing-Qing Bu, Xi-Yu Wang, Shengchao Yang,\* Jian Zhou and Jin-Sheng Yu\*



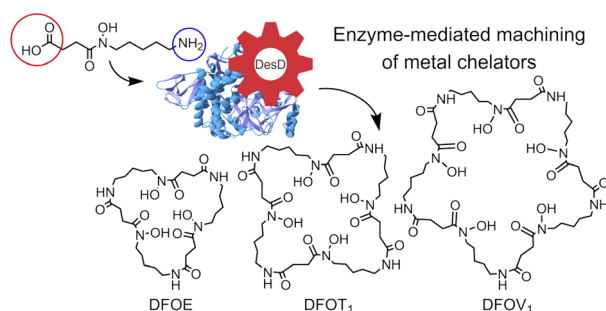
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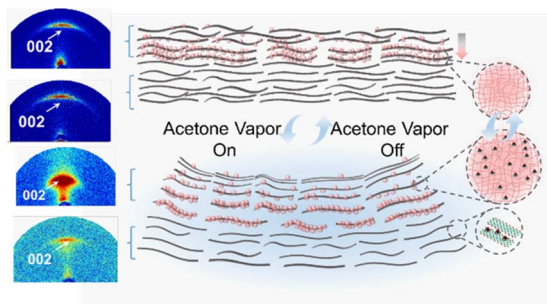
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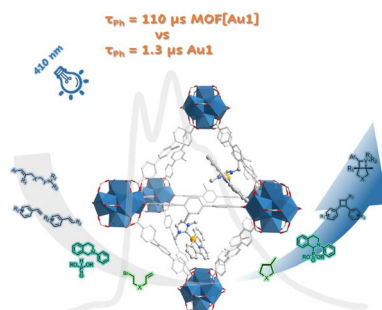
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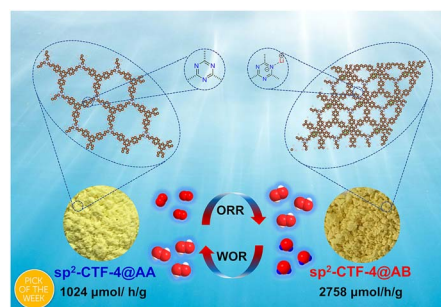
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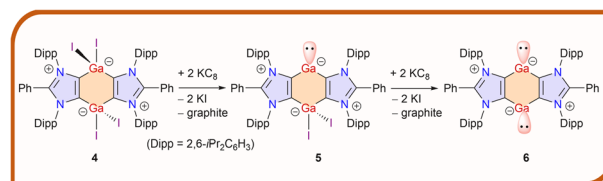
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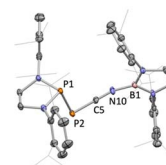
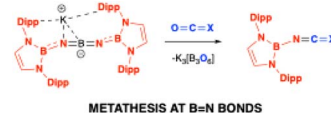
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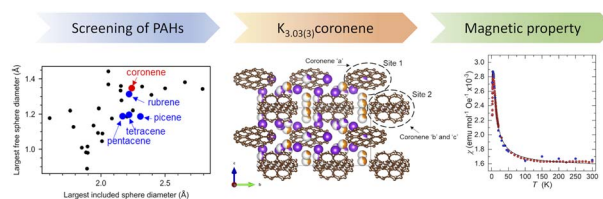
Jianqin Tang, Chenyang Hu, Agamemnon E. Crumpton, Liam P. Griffin, Jose M. Goicoechea\* and Simon Aldridge\*



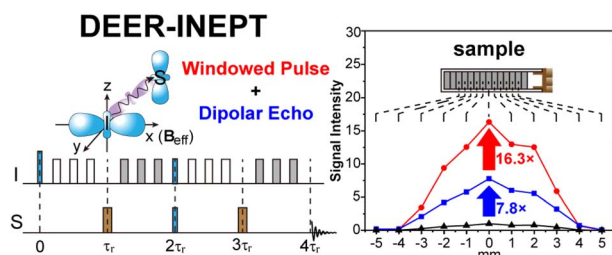
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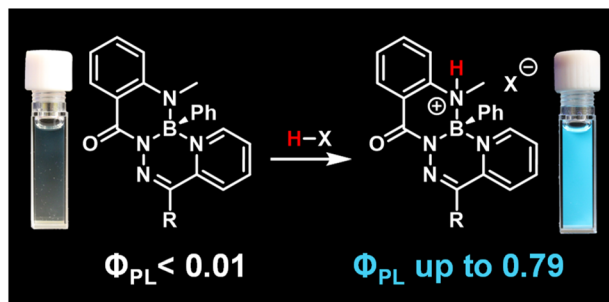
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Lixin Liang, Kuizhi Chen and Guangjin Hou\*

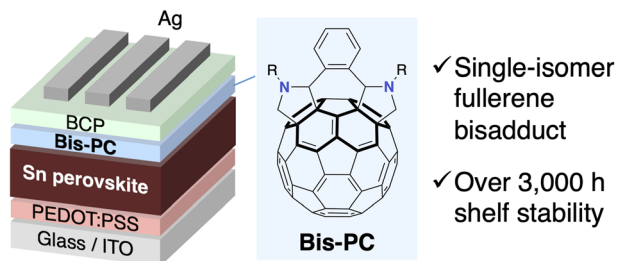
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### Ligand protonation leads to highly fluorescent boronium cations

Alexander E. R. Watson, Paul D. Boyle, Paul J. Ragogna\* and Joe B. Gilroy\*

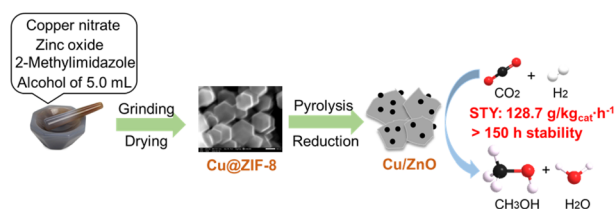
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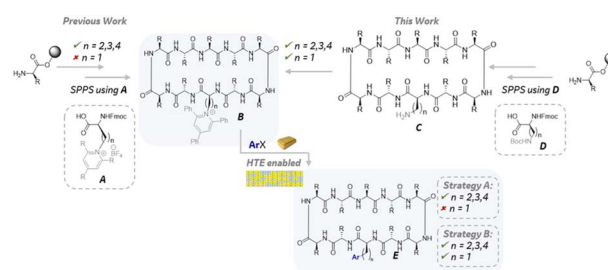
Fei Chen, Siyu Liu, Hao Huang, Bo Wang, Zhihao Liu, Xiuyun Jiang, Wenjie Xiang, Guohui Yang, Guangbo Liu, Xiaobo Peng,\* Zhenzhou Zhang,\* Zhongyi Liu\* and Noritatsu Tsubaki\*



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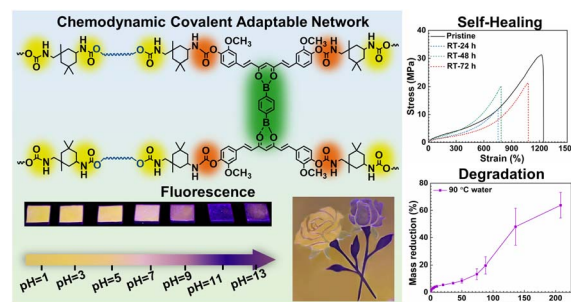
Ahmet Kecec,\* Lauren My-Linh Tran, Christopher W. Plummer and Dipannita Kalyani\*



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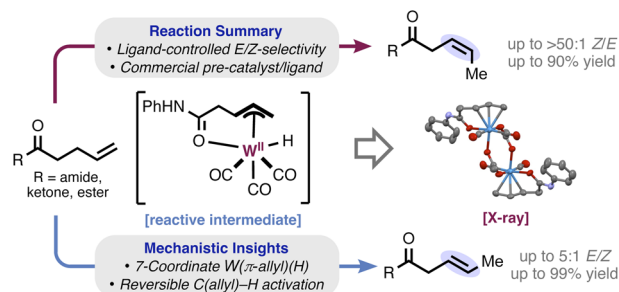
Changyang Li, Xing Su,\* Chuanbao Cao, Xiaodong Li and Meishuai Zou\*



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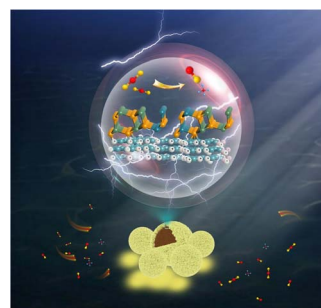
Tanner C. Jenkins, Camille Z. Rubel, Hang Chi Ho, Raul Martin-Montero and Keary M. Engle\*



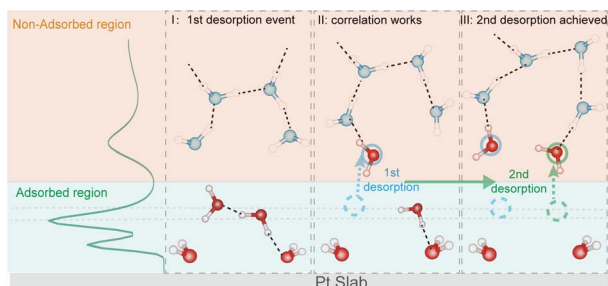
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Huitao Fan,\* Minglin Hu, Yabing Duan, Luyang Zuo, Ronggui Yu, Zhuwei Li, Qi Liu, Bo Li\* and Liya Wang



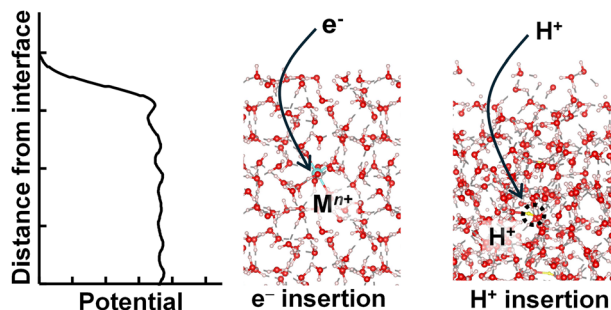
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### Spatial correlation of desorption events accelerates water exchange dynamics at Pt/water interfaces

Fei-Teng Wang, Jia-Xin Zhu, Chang Liu, Ke Xiong, Xiandong Liu\* and Jun Cheng\*

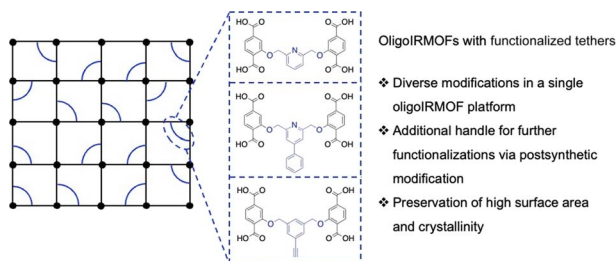
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Ryosuke Jinnouchi,\* Ferenc Karsai and Georg Kresse

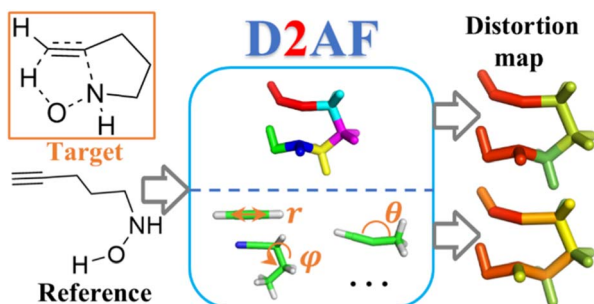
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Hyunyoung Kim and Seth M. Cohen\*

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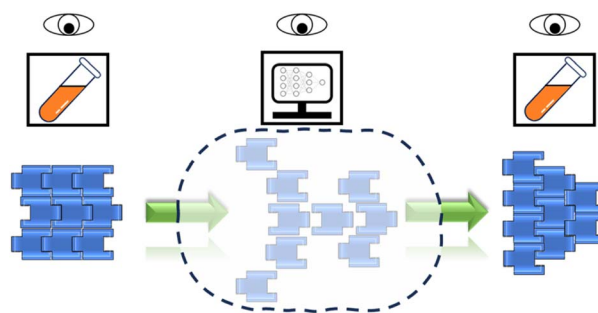
Zeyin Yan, Yunteng Sam Liao, Xin Li and Lung Wa Chung\*



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### A machine learned potential for investigating single crystal to single crystal transformations in complex organic molecular systems

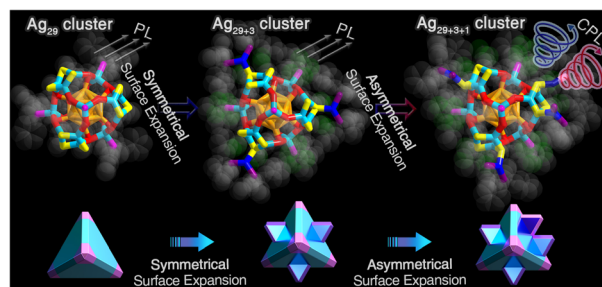
Chengxi Zhao,\* Honglai Liu, Da-Hui Qu, Andrew I. Cooper and Linjiang Chen\*



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Honglei Shen, Pu Wang, Jiawei Xu, Ziwei Fu, Xi Kang,\* Yong Pei\* and Manzhou Zhu\*

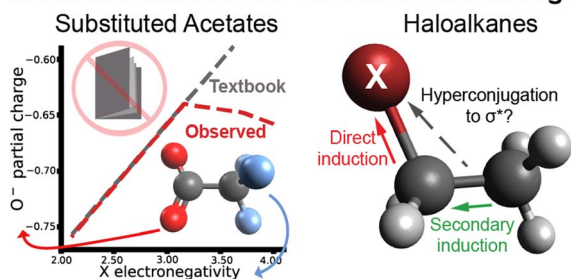


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### The inductive effect does not explain electron density in haloacetates: are our textbooks wrong?

Edwin C. Johnson,\* Kasimir P. Gregory, Hayden Robertson, Isaac J. Gresham, Andrew R. J. Nelson, Vincent S. J. Craig, Stuart W. Prescott, Alister J. Page, Grant B. Webber and Erica J. Wanless

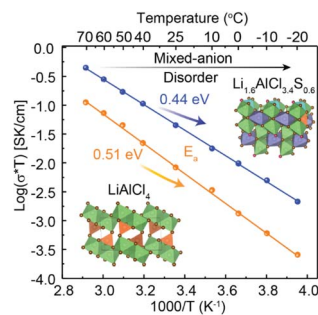
### Induction effects: Are our text books wrong?



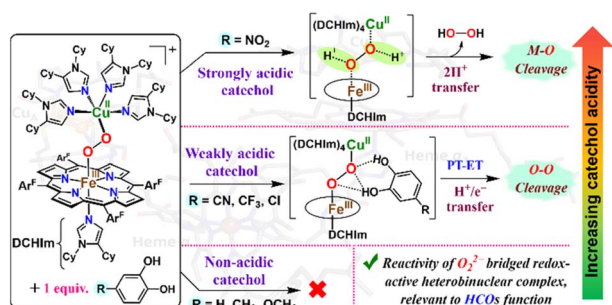
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Tej P. Poudel, Ifeoluwa P. Oyekunle, Michael J. Deck, Yudan Chen, Dewen Hou, Pawan K. Ojha, Bright O. Ogbolu, Chen Huang, Hui Xiong and Yan-Yan Hu\*



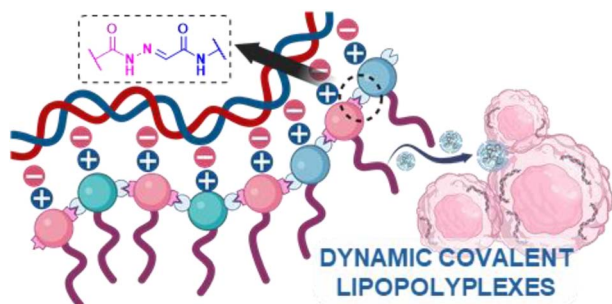
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Sanjib Panda, Suzanne M. Adam, Hai Phan, Patrick J. Rogler, Pradip Kumar Hota, Joshua R. Helms, Brad S. Pierce, Gayan B. Wijeratne\* and Kenneth D. Karlin\*

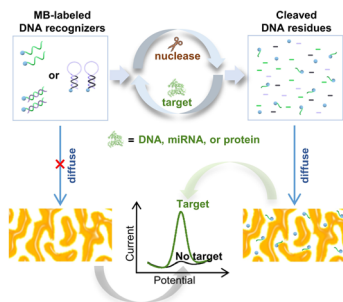
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José García Coll, Pauline Trousselier, Sachin Datram Pawar, Yannick Bessin, Laure Lichon, Jeanne Leblond Chain, Emmanuelle Sachon,\* Nadir Bettache\* and Sébastien Ulrich\*

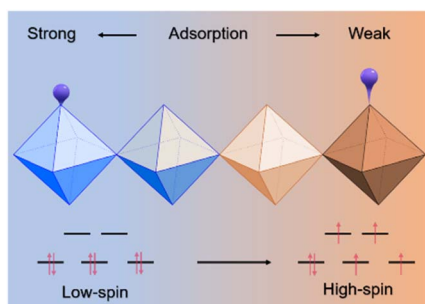
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Cong-Lin Zhao, Runlei Gao, Yinzhen Niu, Bin Cai\* and Ye Zhu\*

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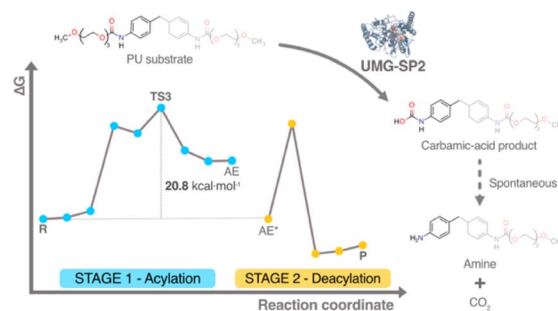
Cunyuan Gao, Shiyu Zhen, Yutong Wang, Lingwei Wang, Yang Cao, Jinhua Zhan, Liang Zhang\* and Bin Cai\*



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