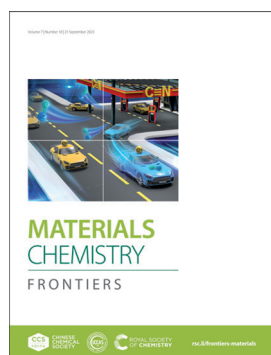


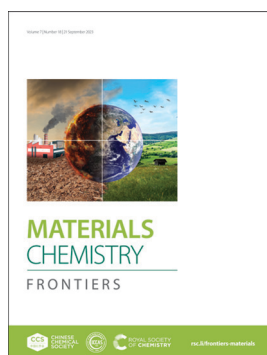
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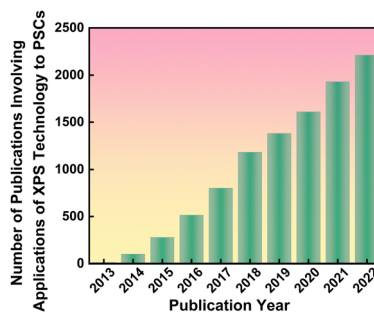
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Chi Li, Ni Zhang and Peng Gao\*

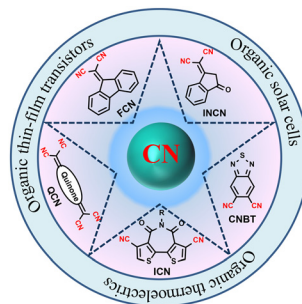


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Yongchun Li, Enmin Huang, Xugang Guo\* and Kui Feng\*



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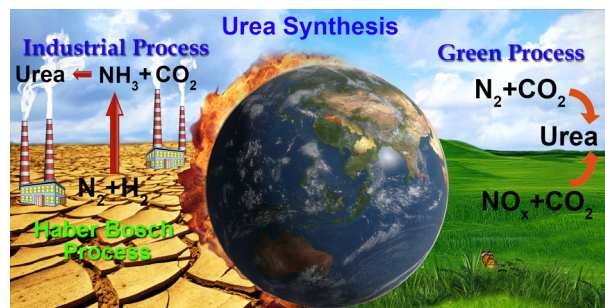


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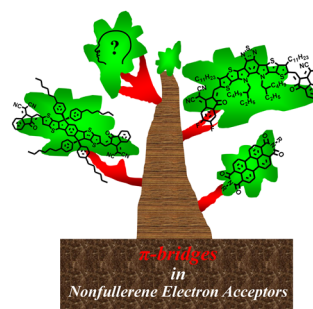
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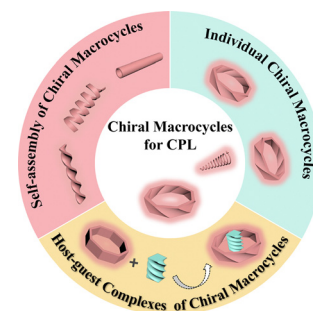
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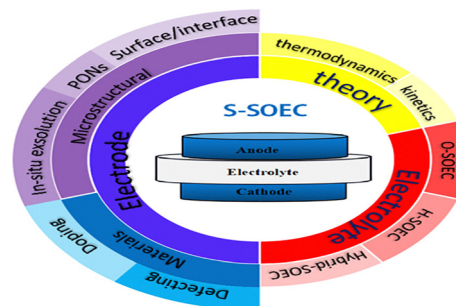
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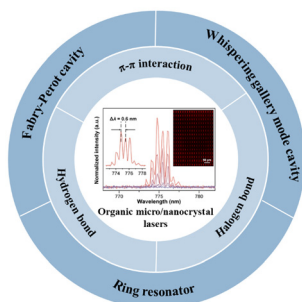
**Advances and challenges in symmetrical solid oxide electrolysis cells: materials development and resource utilization**

Jiamin Gu, Xiaoxin Zhang, Yunxia Zhao, Abdullah Alodhayb, Yifei Sun\* and Yunfei Bu\*



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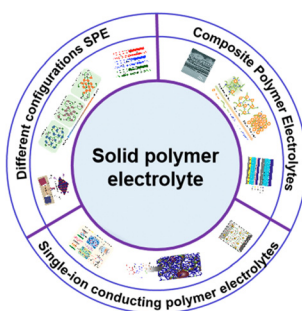
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### Construction of organic micro/nanocrystal lasers: from molecules to devices

Ying-Li Shi, Ling-Yi Ding, Yun Hu, Qiang Lv, Wan-Ying Yang and Xue-Dong Wang\*

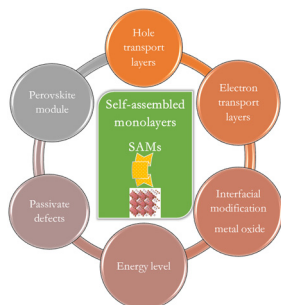
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### Designing polymer electrolytes for advanced solid lithium-ion batteries: recent advances and future perspectives

Tiantian Lu, Lixiang Guan, Qi Zhan, ZiYang Liang, Chang Liu, Lifeng Hou,\* Huayun Du, Yinghui Wei, Shi Wang\* and Qian Wang\*

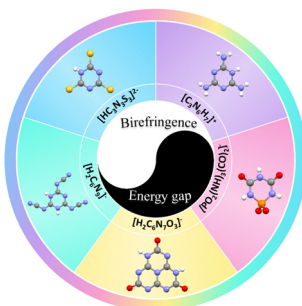
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Haoliang Cheng, Yungui Li and Yufei Zhong\*

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Yunqi Zhao, Liangmeng Zhu, Yanqiang Li, Xiaojun Kuang, Junhua Luo and Sangen Zhao\*

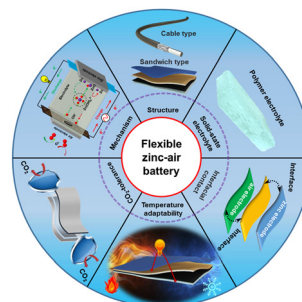


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Pengfei Zhang, Zhuo Chen, Nuo Shang, Keliang Wang,\*  
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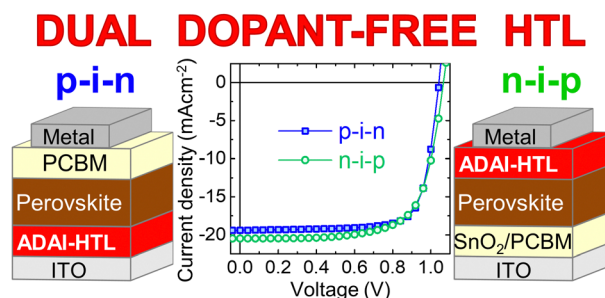


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**Small molecule dopant-free dual hole transporting material for conventional and inverted perovskite solar cells**

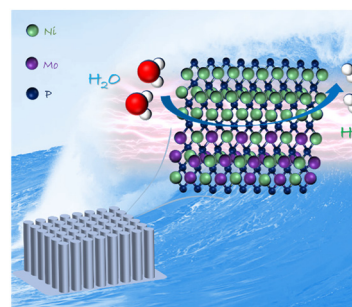
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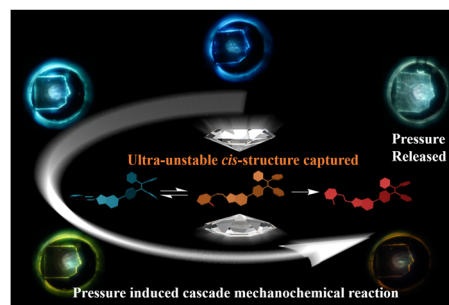
Mengyao Ma, Wei Xia, Wenhao Liu, Xiaoyan Guo,  
Dong Cao\* and Daojian Cheng\*



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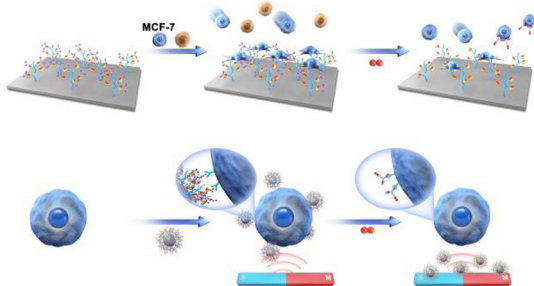
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Xing Su, Nan Li, Kai Wang, Qian Li, Weiguang Shao,  
Lulu Liu, Binhong Yu, Yu-Mo Zhang, Tingting Lin,\*  
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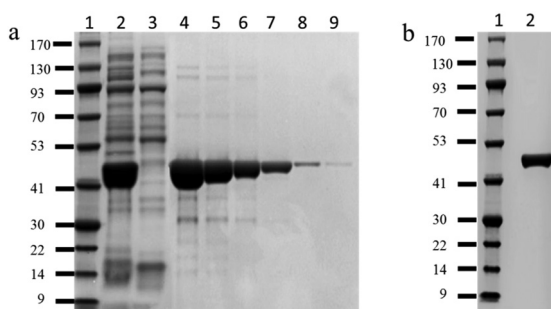
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### Dynamic display of cell targeting motifs *via* natural glycopeptide recognition for cancer cell isolation

Wenbo He, Zhaoyang Yao, Youlu Diao, Miao Wang\* and Guoqing Pan\*

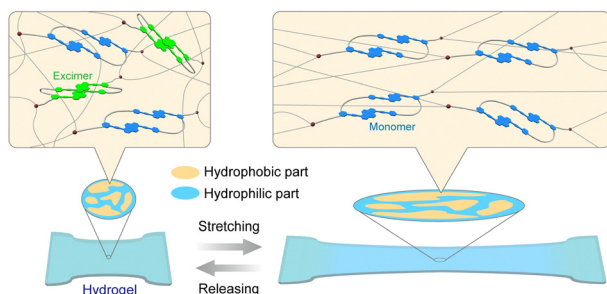
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### Gold nanoparticle-based immunochromatographic assay for the rapid detection of the SARS-CoV-2 Omicron variant

Liya Ye, Xianlu Lei, Liguang Xu, Hua Kuang, Chuanlai Xu and Xinxin Xu\*

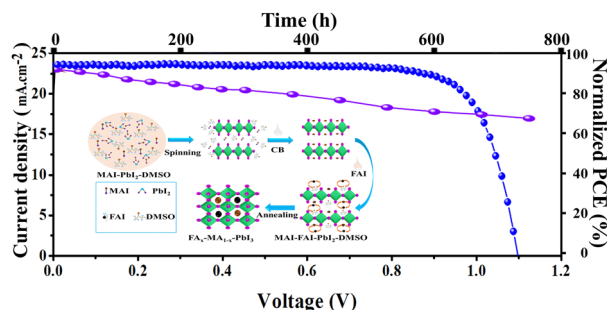
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### Mechanochromic luminescence of phase-separated hydrogels that contain cyclophane mechanophores

Shohei Shimizu, Hiroaki Yoshida, Koichi Mayumi, Hiroharu Ajiro and Yoshimitsu Sagara\*

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### Engineering the intermediate adduct phase to control the crystallization of perovskites for efficient and stable perovskite solar cells

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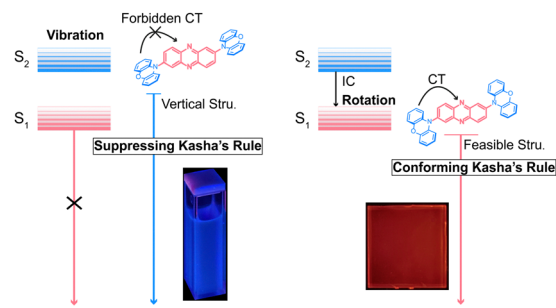


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### Suppression and utilization of Kasha's rule: realizing the transformation from blue to near-infrared emission

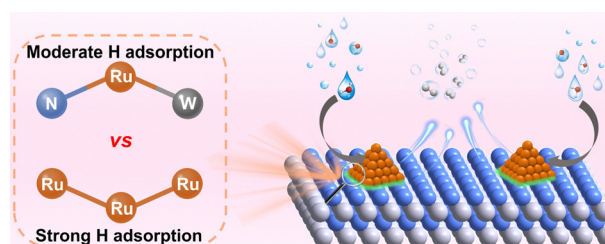
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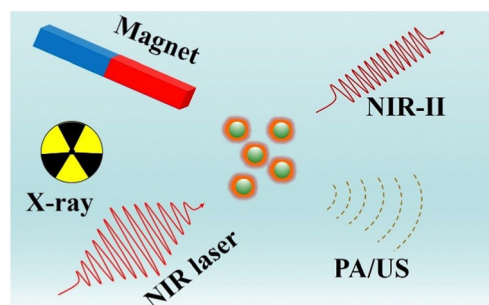
Guocong Liu, Jiachen Zhang, Huanyu Ren, Yawen Tang\* and Hanjun Sun\*



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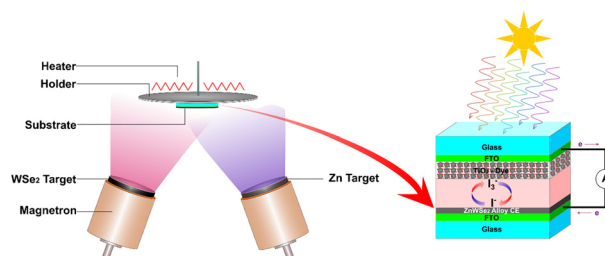
Qilin Zou, Luan Passini, Laure Gibot, Delphine Lagarde, Jie Hu, Haomiao Zhu, Franck Desmoulin, Pierre Sicard, Nitchawat Paiyabthroma, Marc Verelst, Robert Mauricot\* and Clément Roux\*



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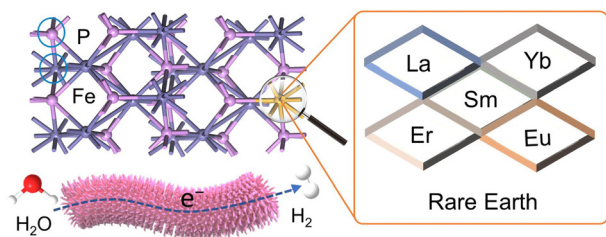
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D. A. Ari, A. Sezgin, M. Unal, E. Akman, I. Yavuz, F. C. Liang, M. Yilmaz\* and S. Akin\*



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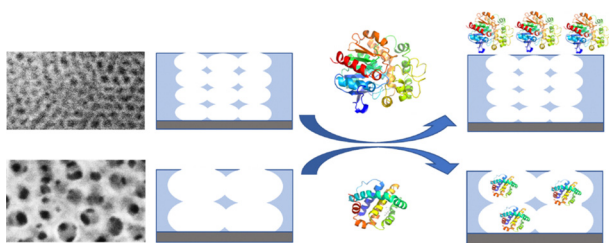
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Minnan Chen, Zijing Lin, Yi Ren, Xuan Wang, Meng Li, Dongmei Sun,\* Yawen Tang\* and Gengtao Fu\*

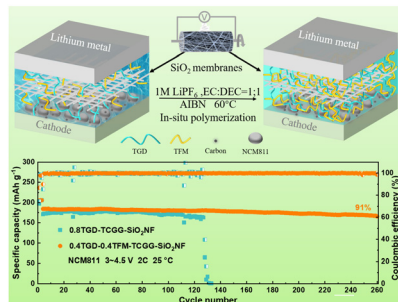
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Sebastián Alberti,\* Sonja Schmidt, Simone Hageneder, Paula C. Angelomé, Galo J. A. A. Soler-Illia, Philipp Vana, Jakub Dostalek, Omar Azzaroni and Wolfgang Knoll

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Kun Yang, Zhichuan Shen, Junqiao Huang, Jiawei Zhong, Yuhan Lin, Junli Zhu, Jiashun Chen, Yating Wang, Tangtang Xie, Jie Li\* and Zhicong Shi\*

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Yingyong Ni, Longmei Yang, Lin Kong, Chengyuan Wang,\* Qichun Zhang and Jiayang Yang\*

