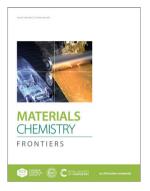
# **MATERIALS** CHEMISTRY

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High-performance perovskite light-emitting diodes based on grain boundary passivation: progress, challenges and perspectives

Yalian Weng, Eng Liang Lim, Yuanyuan Meng, Junpeng Lin and Zhanhua Wei\*

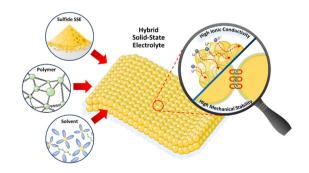


# **REVIEWS**

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A review of polymers in sulfide-based hybrid solidstate electrolytes for all-solid-state lithium batteries

Minjae Kim, Junhyeok Seo, Jeanie Pearl Dizon Suba and Kuk Young Cho\*



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Chevrel phases: synthesis, structure, and electrocatalytic applications

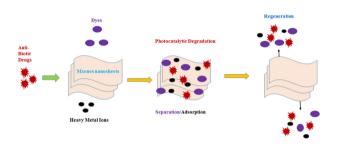
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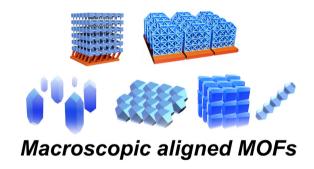
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Jonghoon Park, Hoi Ri Moon\* and Jin Yeong Kim\*



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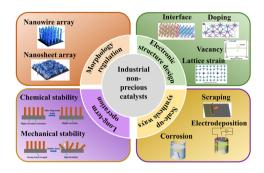
Recent advances in aggregation-induced emission (AIE)-based chemosensors for the detection of organic small molecules

Ming Hui Chua,\* Bryan Yat Kit Hui, Kang Le Osmund Chin, Qiang Zhu, Xiaogang Liu\* and Jianwei Xu\*



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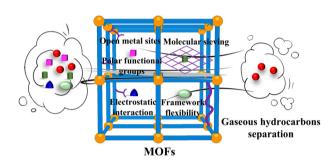
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Lixiang He, Guang Yu, Yujia Cheng,\* Ni Wang and Wencheng Hu\*

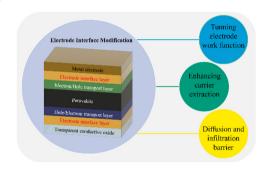
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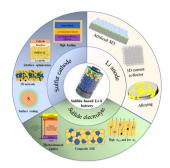
Xin Zhao, Chensheng Lin, Haotian Tian, Chao Wang, Ning Ye and Min Luo\*

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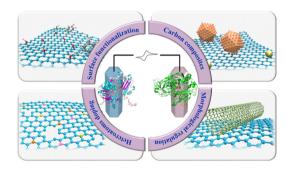
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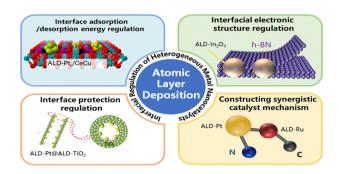
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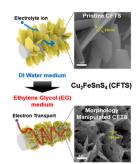
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Ruijie Dai, Zhixi Guan, Daying Guo\* and Bin Xi\*



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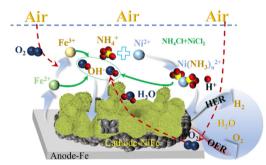
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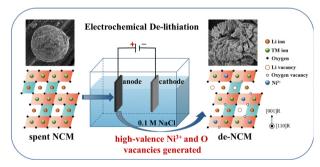
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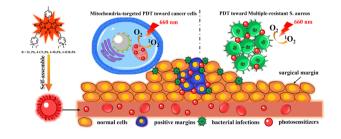
Yunhua Liu, Jianfei Mao, Yujie Yuan, Hongsheng Huang, Xianguo Ma, Xiaogin Li\* and Zhaoyu Jin\*



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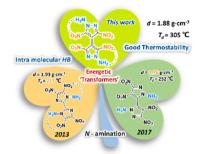
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Jingwei Meng, Teng Fei,\* Jinxiong Cai, Qi Lai, Jinya Zhang, Siping Pang\* and Chunlin He\*



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Xiaoyu Luan, Lu Qi, Zhiqiang Zheng, Shuya Zhao, Huimin Liu, Runyu Liu, Zhaoyang Chen, Jiayu Yan, Yurui Xue\* and Yuliang Li\*

