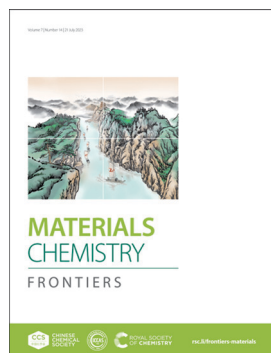


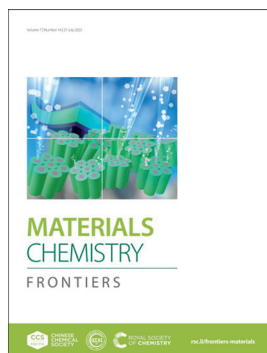
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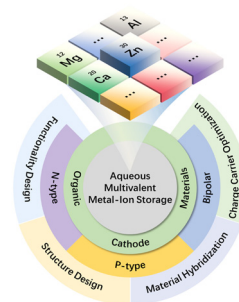
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Advances in organic cathode materials for aqueous multivalent metal-ion storage

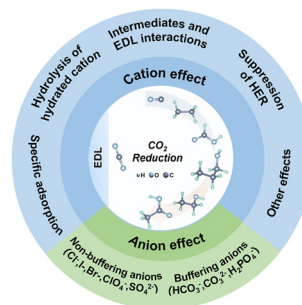
Ling Miao, Ziyang Song, Wenyan Du, Xunwen Zheng, Yaokang Lv,* Lihua Gan* and Mingxian Liu*



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Fenglou Ni, Kangkang Jia, Yangyang Chen, Yunzhou Wen and Sisi He*



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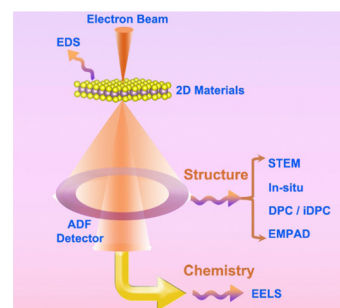


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Advances in the understanding of the structure–performance relationships of 2D material catalysts based on electron microscopy

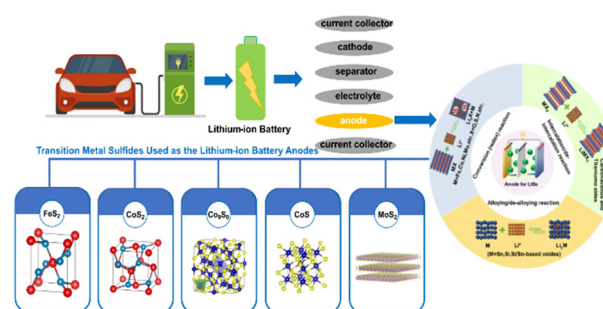
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Changfei Jin, Yifei Yuan, Yanguang Li and Jun Luo*



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Progress of transition metal sulfides used as lithium-ion battery anodes

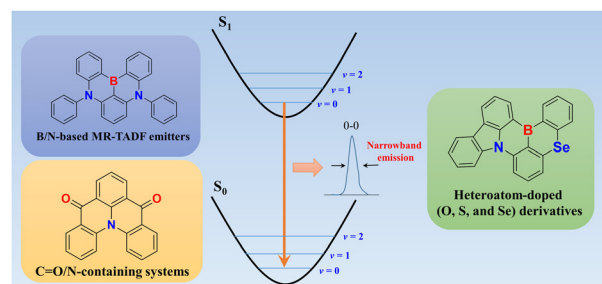
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Narrowband emission: organic thermally-activated delayed fluorescence materials and underlying mechanisms

Chunyan Lv, Xiaoqing Wang, Qing Zhang* and
Yujian Zhang*

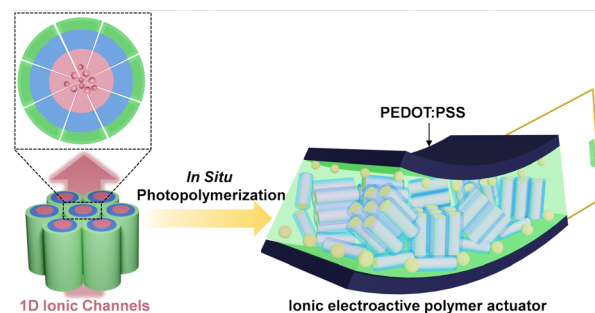


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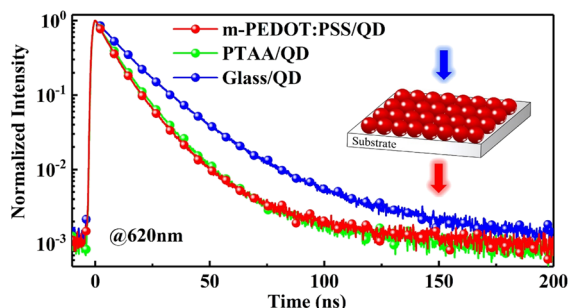
Ionic electroactive PEDOT:PSS/liquid-crystalline polymer electrolyte actuators: photopolymerization of zwitterionic columnar liquid crystals complexed with a protic ionic liquid

Siyu Cao, Chengyang Liu and Masafumi Yoshio*



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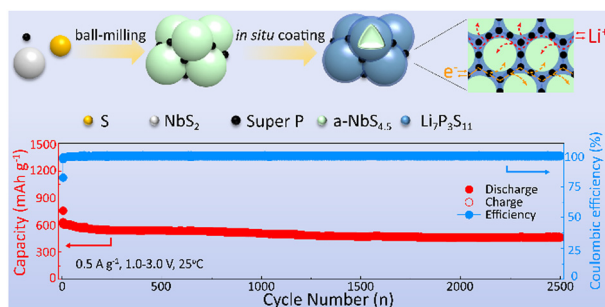
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Hole-transport-layer-free CdSe/ZnS core/shell red quantum-dot light-emitting diodes sensitized by TADF polymers

Yuhan Gao, Qin Xue* and Guohua Xie*

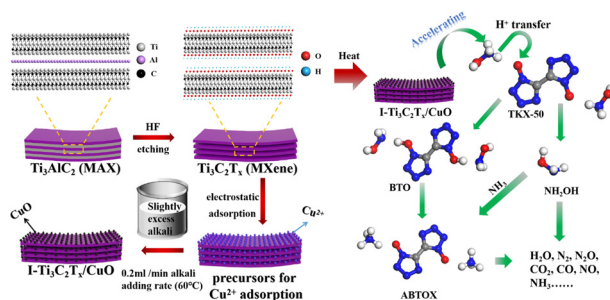
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An amorphous niobium polysulfide based nanocomposite enables ultrastable all-solid-state lithium batteries

Wenrui Xie, Mingyuan Chang, Wentong Fan, Mengli Yang, Fuli Tian, Xiaolin Xue, Xiaolei Zhao, Hao He* and Xiayin Yao*

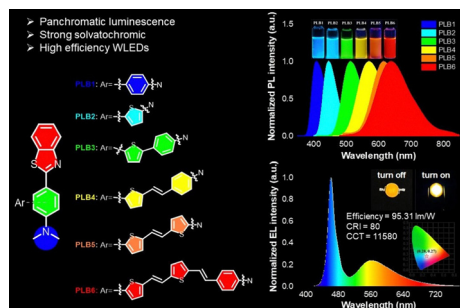
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In situ generation of a $Ti_3C_2T_x$ ($T_x = F, O$ and OH) MXene decorated CuO nanocomposite with extraordinary catalytic activity for TKX-50 thermal decomposition

Dongqi Liu, Qiangqiang Lu, Chunlei Xuan, Lei Xiao, Fengqi Zhao, Xiaojun Feng, Kun Zhang, Jun Di,* Wei Jiang* and Gazi Hao*

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Panchromatic luminescent D- π -A benzothiazoles with different π -bridging modulation: design, synthesis and application in WLED devices

Yuwei Song, Yue He, Lai Hu, Qian Cheng, Zhiyuan Chen, Rui Liu,* Senqiang Zhu* and Hongjun Zhu

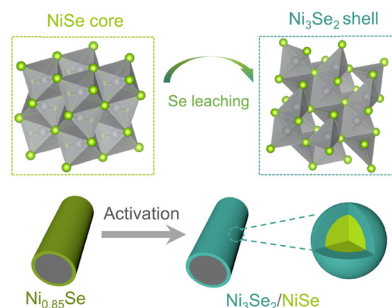


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Universal phase transformation of Ni–Se electrocatalysts induced by an electrochemical activation strategy for a significantly enhanced alkaline hydrogen evolution reaction

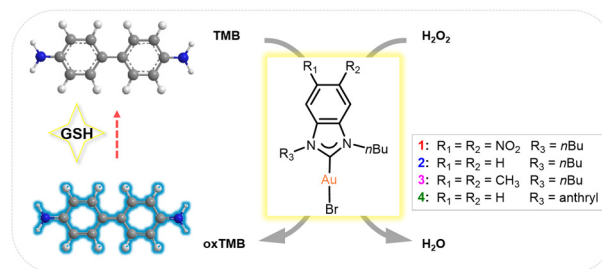
Li-Wen Jiang, Zhao-Hua Yin, Hong Liu* and Jian-Jun Wang*



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Gold(i) N-heterocyclic carbene complexes with tunable electronic properties for sensitive colorimetric detection of glutathione

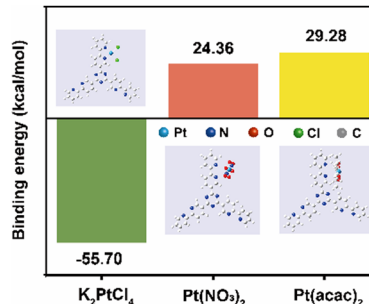
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Single platinum atoms anchored on N-doped carbon materials composed of bipyridine as efficient hydrogen evolution electrocatalysts

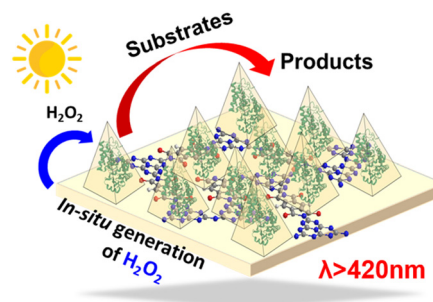
Shengliang Zhai, Dong Zhai, Lanju Sun, Nianyun Feng, Xiaokang Chen, Wei-Qiao Deng and Hao Wu*

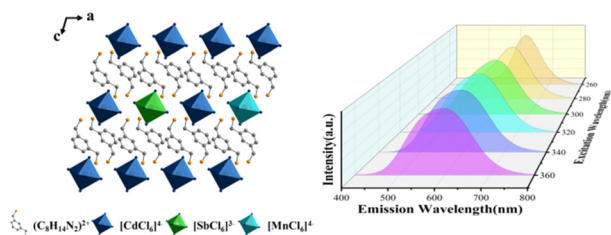


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Ke-Xin Li, Guo-Wei Guan, Ling-Min Pei and Qing-Yuan Yang*





Zero-dimensional cadmium-based metal halide with near-unity photoluminescence quantum efficiency

Wenwen Chen, Chuang Yang, Shanping Wang, Fang Lin, Rong Chen, Fengwan Guo* and Juan Wang*

