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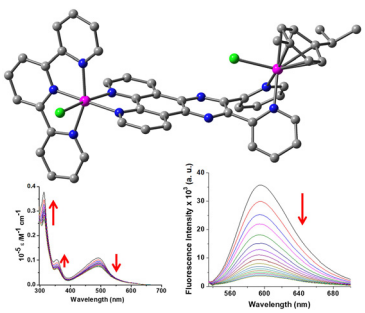

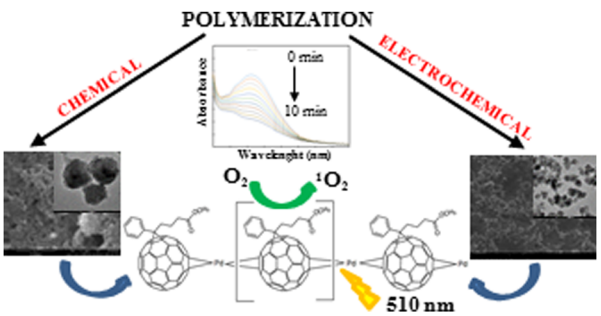

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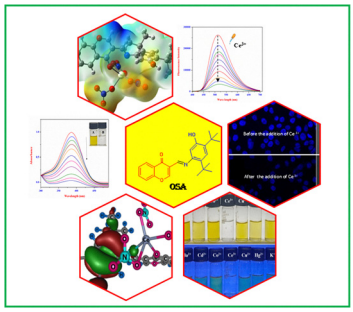

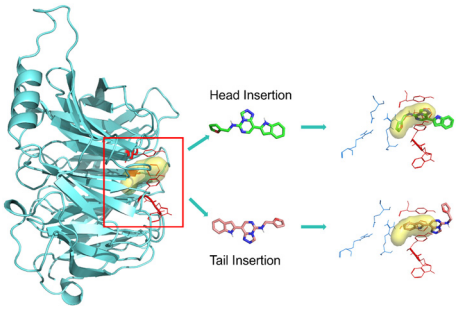

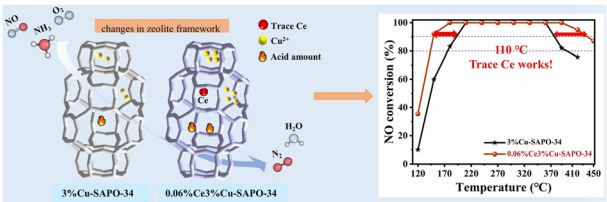

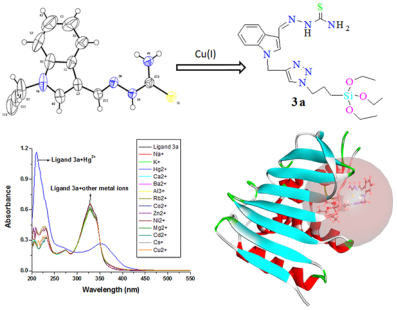

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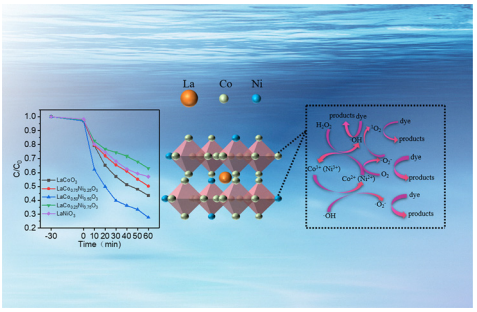

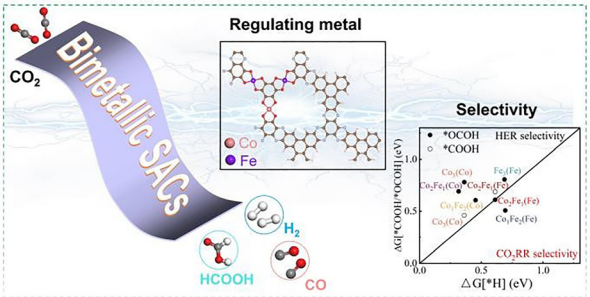

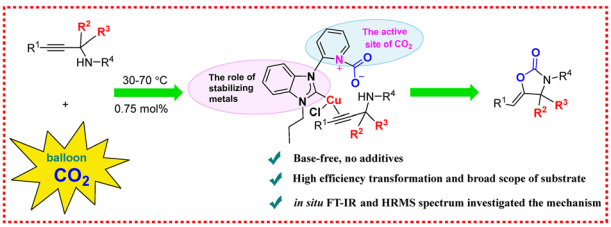

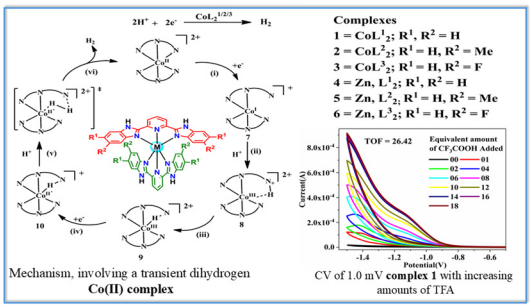

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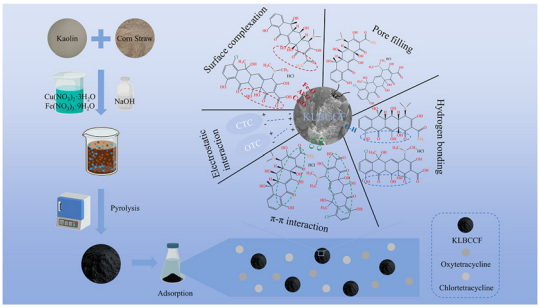

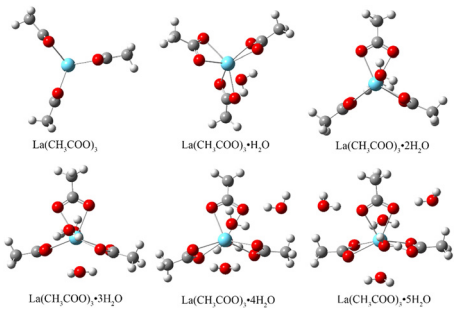

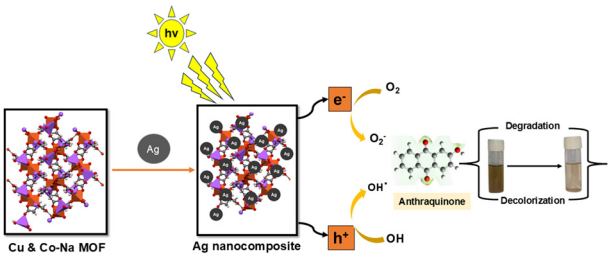

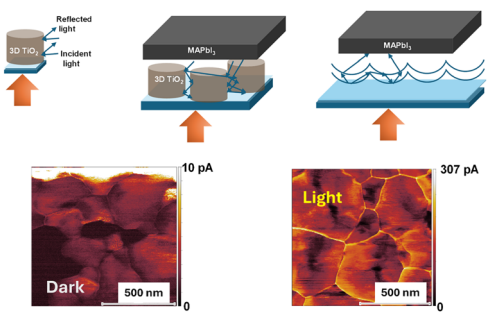

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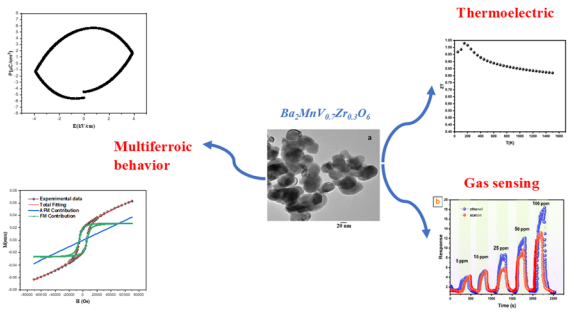

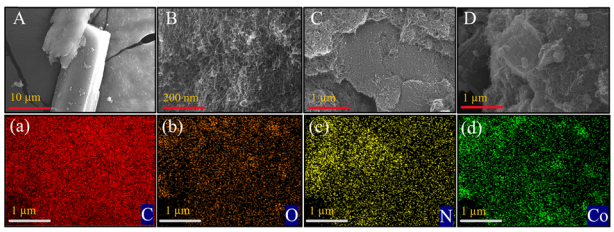

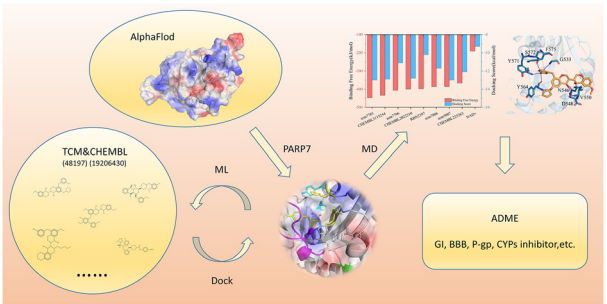

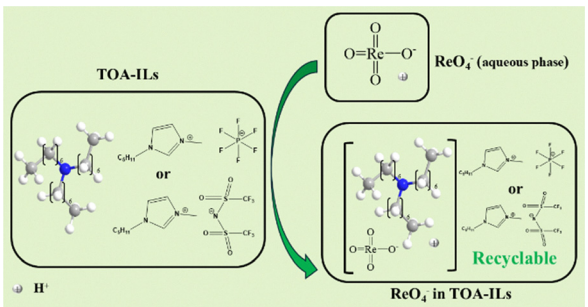

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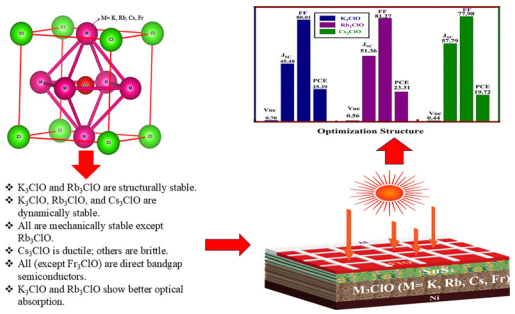

First-principles design and photovoltaic evaluation of alkali-based M_3ClO anti-perovskites for high-efficiency lead-free solar cells

Md. Sakib Hasan Saikot, Rifat Rafiu, Md. Azizur Rahman,* Imtiaz Ahamed Apon, Ali El-Rayyes, Mohd Taukeer Khan, Zubair Ahmad and Mohd Shkir

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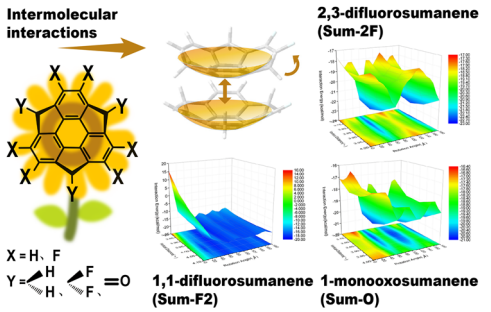

Unraveling the substituent impact of fluorinated & oxidized sumanene derivatives on stacking interactions and charge transport

Xi Chen, Shuo Xu, Xinpeng Liu, Huan Wang, Simeng Gao and Fu-Quan Bai*

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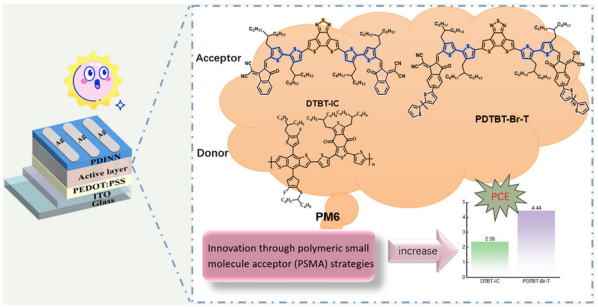

Synthesis of dithieno[3,2-*b*:2′,3′-*d*]benzo[1,2-*c*][1,2,5]thiadiazole-cored polymerized small-molecule acceptors with ordered backbone stacking and their application in all-polymer solar cells

Tiantian Wang, Jianhong Wei, Furong Shi,* Hejie Wang, Jinye He, Xudong Lv, Yuan Zhou, Pengzhi Guo,* Chenglong Wang and Yangjun Xia

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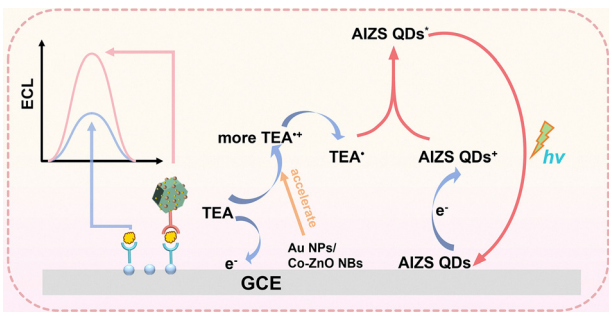

A signal-amplified electrochemiluminescence immunosensor based on AgInZnS QDs with Au NPs/Co-ZnO NBs as a co-reaction accelerator for the detection of CA242

Jie Zhang, Baokun Han, Xiaofei Sun, Shuangna Wang, Xinyue Wang, Yushu Lin, Yuying Liu, Feng Tang,* Qing Liu* and Shujun Wang*

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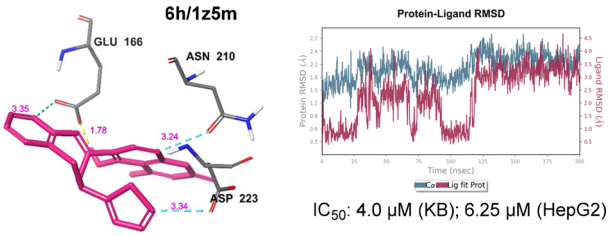

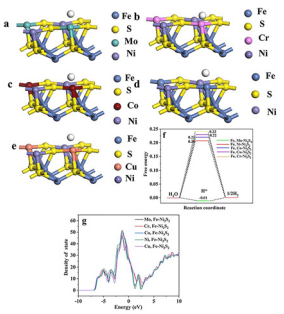

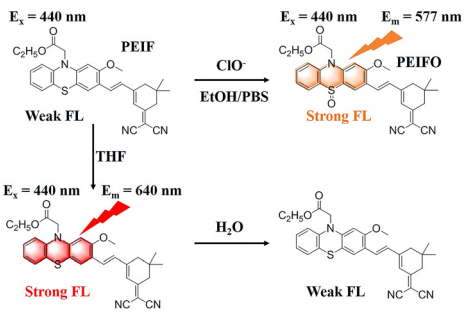

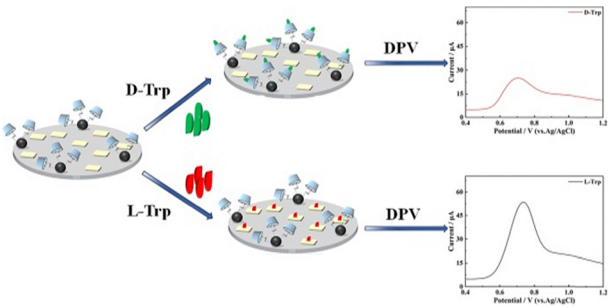

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