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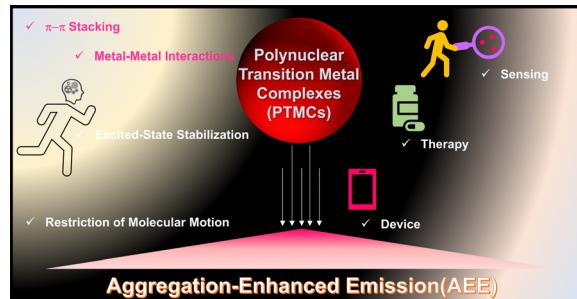
See Yuko Takeoka et al., pp. 6462–6465.
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HIGHLIGHTS

6391

Unveiling mechanistic insights and applications of aggregation-enhanced emission (AEE)-active polynuclear transition metal complexes

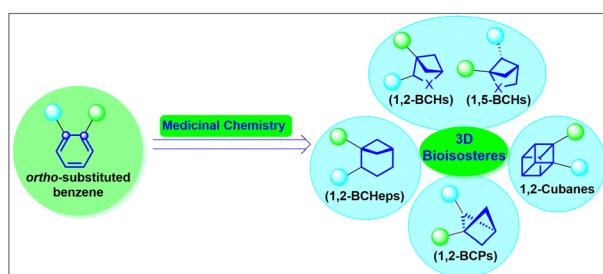
Bishnu Das*



6417

Recent advances in bridged structures as 3D bioisosteres of *ortho*-phenyl rings in medicinal chemistry applications

Kexue Xia



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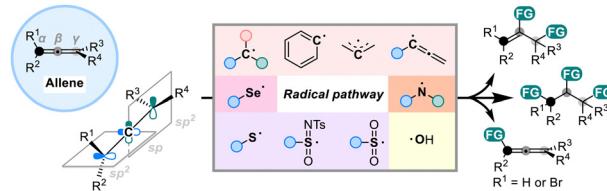
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FEATURE ARTICLES

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Radical functionalization of allenes

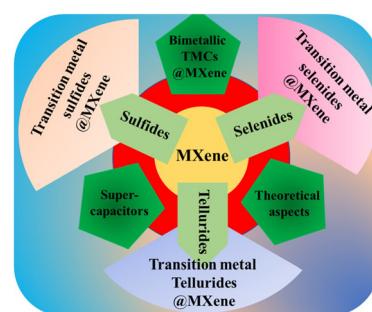
Rongnan Yi, Qiang Li, Long-Yong Xie* and Wen-Ting Wei*



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MXene-transition metal chalcogenide hybrid materials for supercapacitor applications

Gopinath Sahoo and Chandra Sekhar Rout*

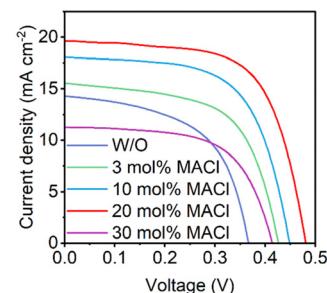
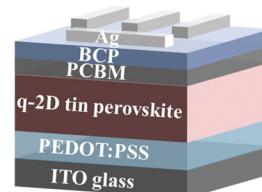


COMMUNICATIONS

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Mitigating low-dimensional phases and defects with methylammonium chloride in high-performance Dion–Jacobson quasi-2D tin perovskite solar cells with power conversion efficiency over 6%

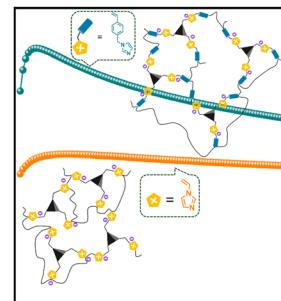
Chunqing Li, Towhid H. Chowdhury, Masahiro Yoshizawa-Fujita, Masahiro Rikukawa, Masatoshi Yanagida, Yasuhiro Shirai and Yuko Takeoka*



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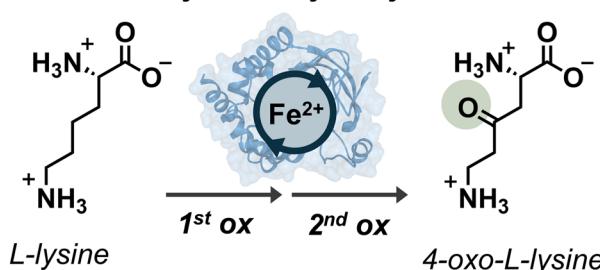
An ionic ultramicroporous polymer with engineered nanopores enables enhanced acetylene/carbon dioxide separation

Asif Raza, Sousa Javan Nikkhah, Lilia Croitor, Ahmed Gamal Attallah, Eric Hirschmann, Matthias Vandichel* and Soumya Mukherjee*

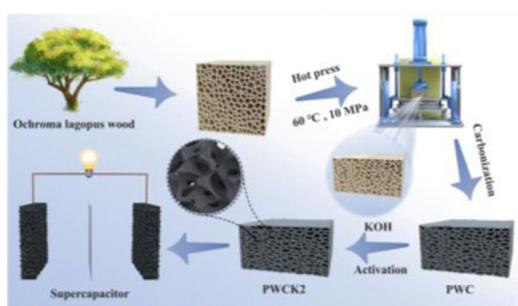


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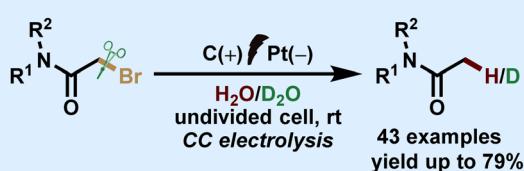
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L-lysine-4-hydroxylase**Sequential oxidation of L-lysine by a non-heme iron hydroxylase**Elizabeth S. Reynolds, Thomas G. Smith,
Anoop R. Damodaran* and Ambika Bhagi-Damodaran*

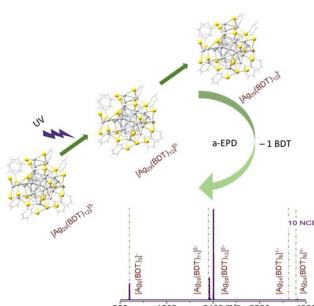
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**A densification-activation strategy toward hierarchical porous self-supporting thick carbon electrodes for high-power supercapacitors**Zixuan Guo, Zhiwei Tian, Yanbo Liu,* Yong Huang,
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Chunmei Zhang,* Gaigai Duan and Shaohua Jiang*

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Electro-reductive debromination**Electrochemical debrominative hydrogenation/deuteration of 2-bromo-N-arylacetamides**Saurabh Singh, Malkeet Singh, Ashvani Singh and
Maya Shankar Singh*

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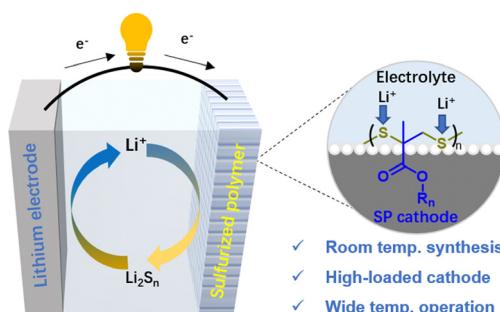
**Ultraviolet photoactivation perturbs the metal-ligand interface of atomically precise nanoclusters**Anagha Jose, Jada N. Walker, Maya Khatun, Sami Malola,
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Thalappil Pradeep*

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Room-temperature synthesis of a methacrylate-derived sulfurized polymer cathode for rechargeable lithium batteries

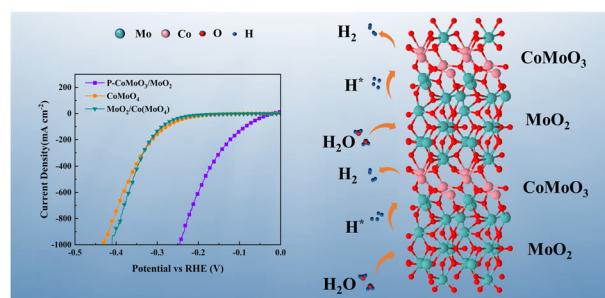
Zhangyu Zheng, Xiaofei Qian,* Duan Bin, Yanrong Wang and Jie Xu*



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Boosting P-CoMoO₃/MoO₂ hydrogen evolution via water molecule dissociation by MoO₂ and H₂ desorption by CoMoO₃

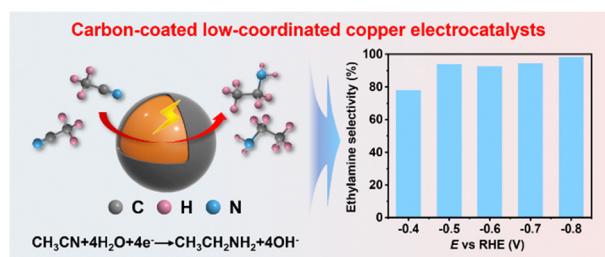
Xue Yang, Liangkun Qiu, Yan Zhang, Ao Dong, Chenyang Guo, Shuo Zhang, Yunjin Song, Hongtao Gao* and Tianrong Zhan*



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Electroreduction of acetonitrile to ethylamine by thin carbon-coated copper catalysts with rich active interphases

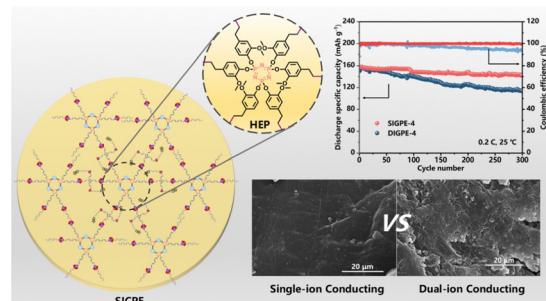
Min-Yi Zhu, Ling-Yu Dong, Yu-Tai Wu, Jingyuan Ma,* Guang-Ping Hao* and An-Hui Lu



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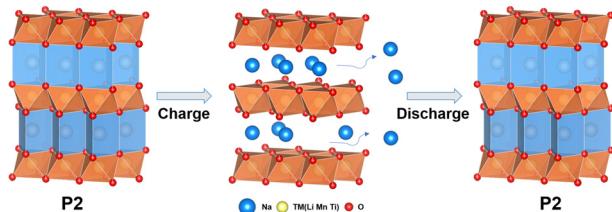
A cyclic-triphosphazene based single-ion polymer electrolyte prepared via click reaction for lithium metal batteries

Kuan Lu, Cengliang Shan, Huinan Li, Hongbin Li, Hui Zhang, Chen Xiong, Wei Hu and Baijun Liu*



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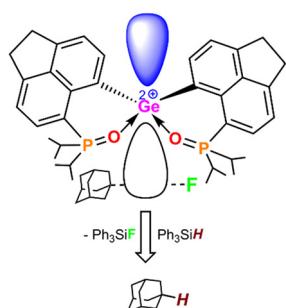
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Realizing reversible anionic redox based on a Na–O–Li configuration for Na-layered oxide cathodes with solid-solution reaction

Mingjing Yang, Guangyu Zhang, Hai-Yan Hu, Yu Su,* Hanghang Dong, Zhuang-Chun Jian, Qianqian Peng, Shuangqiang Chen, Shu-Lei Chou* and Yao Xiao*

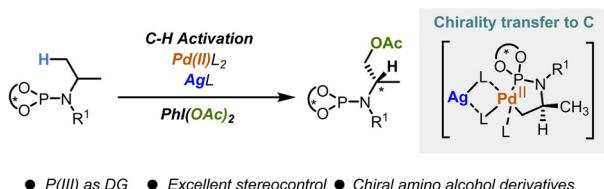
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An intramolecular phosphine-oxide stabilized germanium(IV) di-cation with enhanced Lewis acidity and catalytic applications

Akanksha Kumari, Balakrishna Peddi, Cem. B. Yildiz* and Moumita Majumdar*

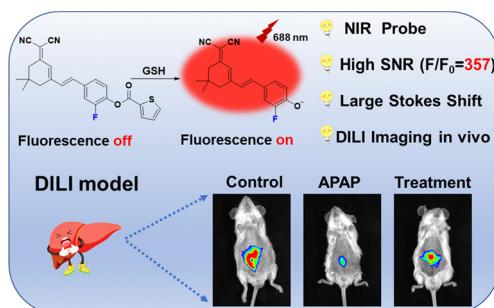
6510



Diastereoselective C(sp³)–H acetoxylation of phosphoramidites

Anirban Mondal, Vanda Dašková, Xiaobing Chen, Niklas O. Thiel, Georgios Alachouzos and Ben L. Feringa*

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Construction of a novel highly selective NIR probe for monitoring the changes of glutathione levels in drug-induced liver injury

Zhiyuan Wang, Xiao Li, Suntao Shi, Ruipeng Shen, Yue Yang, Chunlin Sun, Zitong Liu, Haijuan Zhang* and Baoxin Zhang*

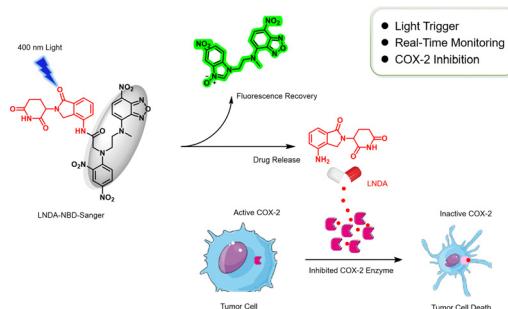


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Light-triggered release of lenalidomide with fluorescent indication for inhibition of COX-2 enzyme activity in cancer cells

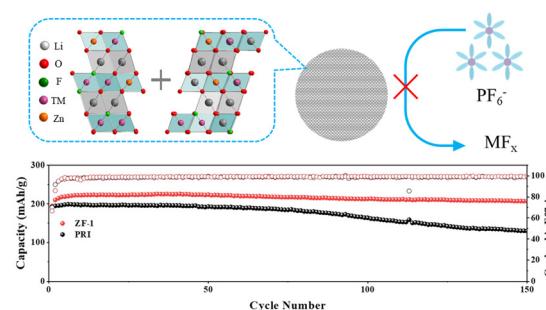
Ming Liu, Yajing Li, Fang Wang, Sheng Lu,* Long Jiang* and Xiaoqiang Chen*



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Improving the surface structural stability of Li-rich layered cathodes by cation–anion doping

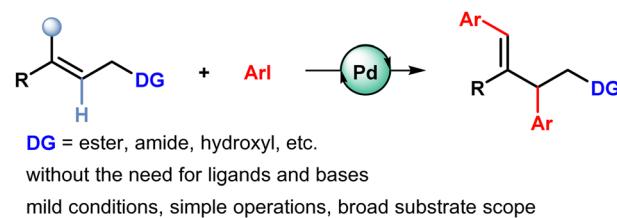
Fulin Tan, Yuqing Liu, Wenzhao Huang, Boyang Zhang, Ziyang Liang, Xiaola Li, Shuxing Wu, Chenyu Liu,* Zhan Lin and Dong Luo*



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Native group-directed double Heck arylation of internal alkenes *via* selective β -H elimination

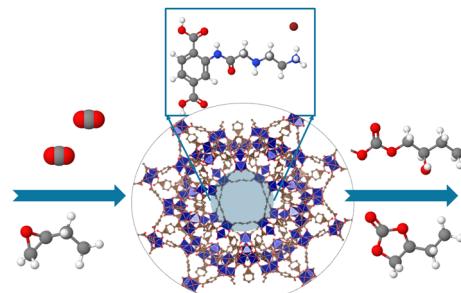
Jiali Wang, Runze Luan, Tianming Liu, Siqing Liu, Yu Du* and Weiping Su*



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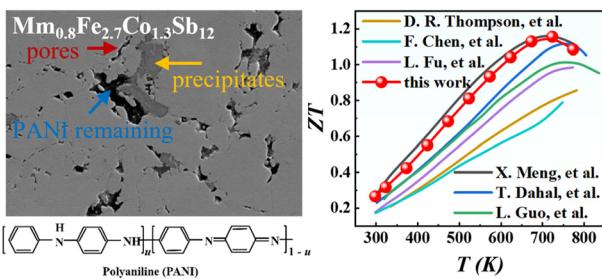
Immobilizing amine species in a Cr-MOF for enhanced selectivity in CO_2 cycloaddition reactions

Anita Justin, Till Schertenleib, Jocelyn Roth, Jordi Espín and Wendy L. Queen*



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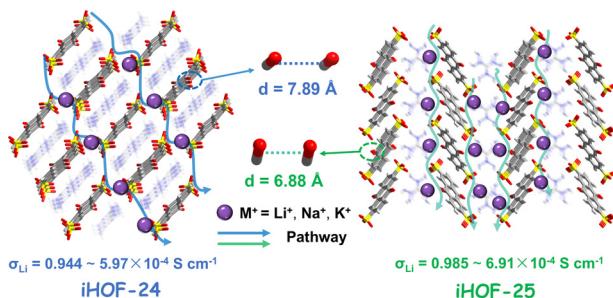
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Enhanced thermoelectric figure of merit and heat-electricity efficiency in p-type M_m_{0.8}Fe_{2.7}Co_{1.3}Sb₁₂ skutterudites via polyaniline compositing

Xiaofang Cao, Fudong Zhang, Mingzhen Song, Xiaohui Pang, Xiaolian Chao, Zupei Yang* and Di Wu*

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Anthraquinone substituents modulate ionic hydrogen-bonded organic frameworks to achieve high ionic conductivity for alkali metal ions

Xu-Yong Chen, Guiqiang Fei,* Xiang-Tian Bai, Simeng Qi, Xiao-Jie Cao, Yi-Da Gao, Xin Luo and Li-Hui Cao*

