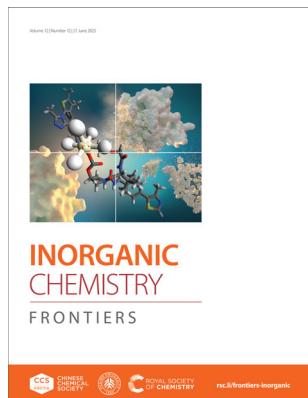


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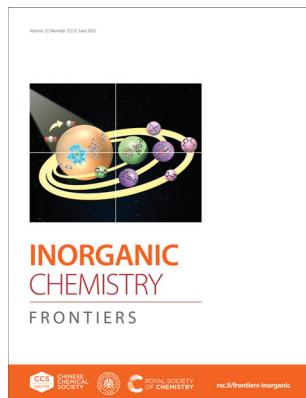
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Cover

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Inside cover

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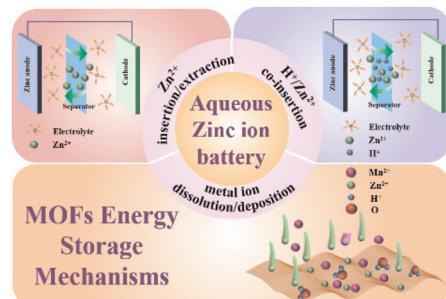
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REVIEW

3959

Toward highly durable aqueous zinc ion batteries: a review of MOFs/MOF-derived cathode materials

Yi Liu, Xiang Wu* and Yoshio Bando*

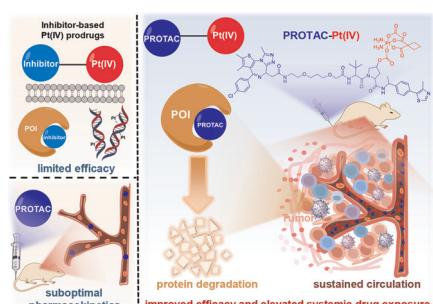


RESEARCH ARTICLES

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A platinated prodrug leveraging PROTAC technology for targeted protein degradation and enhanced antitumor efficacy

Jiaqian Xu, Shu Chen, Ka-Yan Ng, Xianfeng Chen, Wai Chung Fu and Guangyu Zhu*



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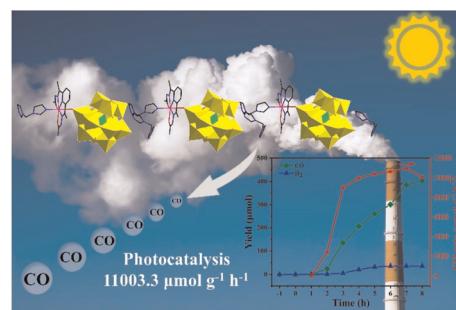
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RESEARCH ARTICLES

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Metal-doped polyoxometalates with dual ligands for efficient CO_2 photoreduction

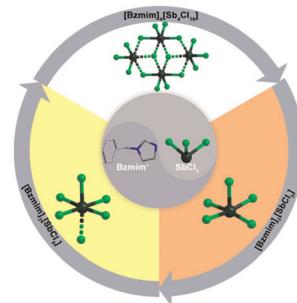
Yu Lv, Ting Jin, Ji-Lei Wang, Jiu-Lin Zhou, Zhi-Ming Dong, Hua Mei* and Yan Xu*



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Stepwise structural transformation in hybrid antimony chloride for time-resolved and multi-stage informational encryption and anti-counterfeiting

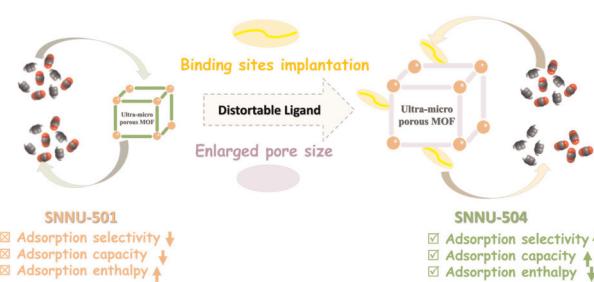
Zeping Wang and Xiaoying Huang*



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Distortable functionalized ligand implantation in ultra-microporous MOFs for efficient C_2H_2 purification

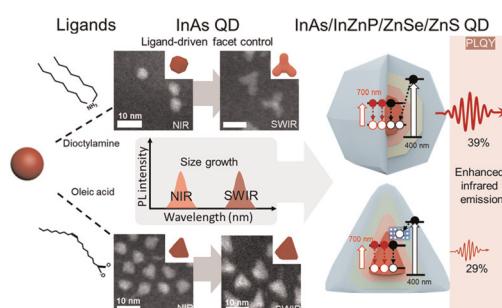
Hong-Juan Lv, Yunhui Zhai,* Ying-Ying Xue, Jiao Lei, Wenyu Yuan* and Quan-Guo Zhai



4019

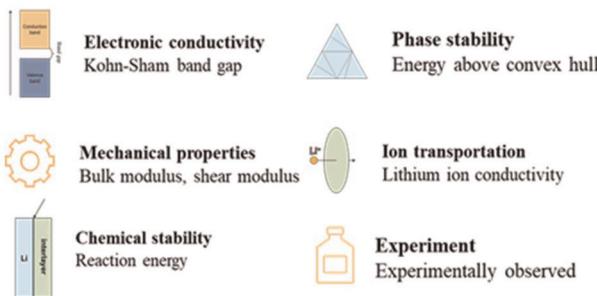
Ligand-driven facet control of InAs-based quantum dots for enhanced near- and shortwave infrared emission

Hyunjin Cho, Yujin Kim, Whi Dong Kim, Young-Shin Park, Ju Young Woo,* Hyung-Kyu Lim* and Doh C. Lee*



RESEARCH ARTICLES

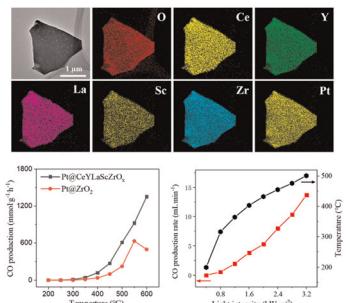
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Machine learning-assisted design of oxygen-containing inorganic coating materials on a separator for lithium metal anodes

Chenxi Xu, Teng Zhao,* Ji Qian, Ke Wang, Tianyang Yu, Wangming Tang, Li Li, Feng Wu and Renjie Chen*

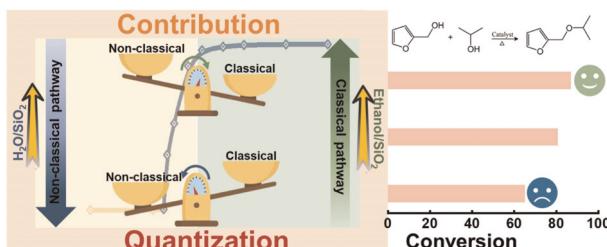
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High-entropy-assisted platinum single atoms for photothermal green syngas production with high CO_2 utilization efficiency

Xin Liu, Senyan Huang, Dachao Yuan, Shan Li, Lin Ma, Linjie Gao,* Zhaoqi Li, Yachuan Wang, Yaguang Li* and Jinhua Ye

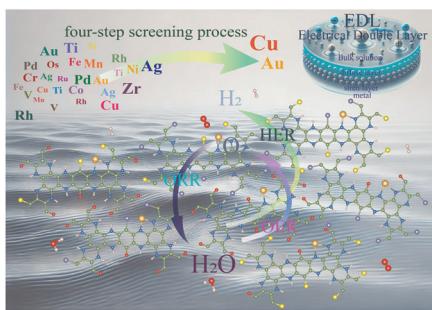
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Distinguishing and unraveling classical and non-classical pathways in MFI zeolite crystallization: insights into their contributions and impact on the final product

Jiayu Yu, Ke Du, Di Pan, He Li, Ling Ding, Wei Chen, Yahong Zhang* and Yi Tang

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Efficient screening rooted in a series of transition-metal atom-anchored conjugated organic frameworks toward multifunctional HER/OER/ORR via the modification of chalcogen ligands: a machine learning and constant potential study

Xiaomeng Cui, Yuanrui Li, Qiang Zhang,* Xihang Zhang, Weiju Hao, Yuling Song, Renxian Qin and Yali Lu

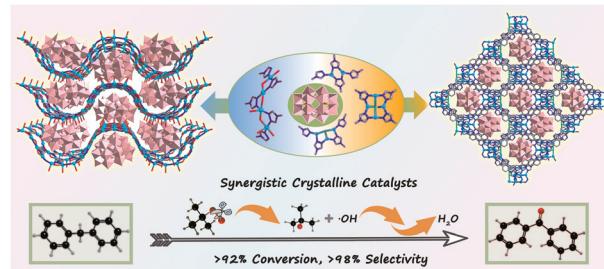


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Synergistic crystalline catalysts assembled with Wells–Dawson-type polyoxometalates and heterovalent metal complexes for efficient benzylic C–H bond oxidation

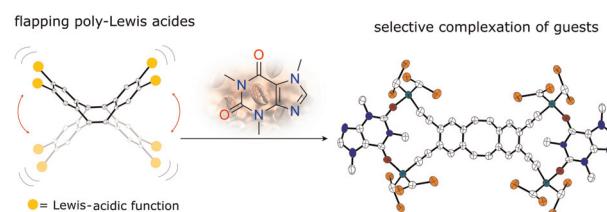
Ze-Xuan Liu, Jing Du,* Shuai Li, Miao-Qi Zhu, Yuan-Yuan Ma* and Zhan-Gang Han*



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Dibenzocyclooctatetraene based poly-Lewis-acids: flapping hosts for multidentate guests

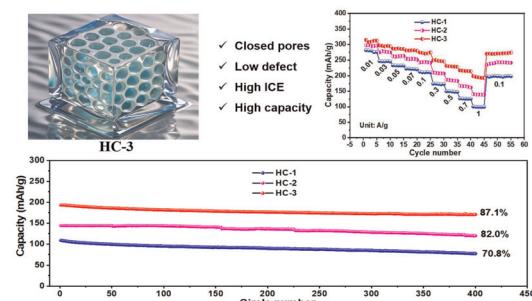
Maximilian J. Klingsiek, Julian Buth, Pia C. Trapp, Andreas Mix, Jan-Hendrik Lamm, Beate Neumann, Hans-Georg Stammler and Norbert W. Mitzel*



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Pore structure modulation and defect engineering of soft carbon@coal-derived hard carbon for enhanced sodium storage application in SIBs

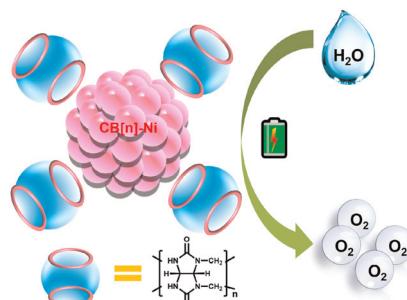
Xinhui Jin, Haoyu Ma, Guoping Liu, Xikun Zhang, Dong Wang, Dejie Mo, Jiangyan Xie, Lirong Feng, Maochun Wu, Baolian Su and Xiaohui Guo*



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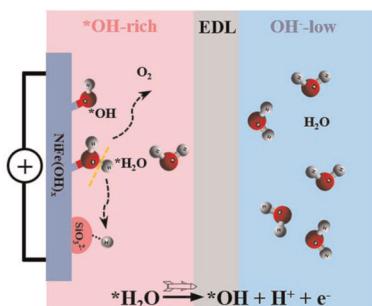
Ultrafine cucurbit[n]uril ($n = 5–8$)–Ni nanocomposites as highly efficient catalysts for the electrocatalytic oxygen evolution reaction

Yu-Ting Liu, Quan-Jiang Lv, Hang Cong, Wen-Feng Zhao, Qing-Mei Ge, Nan Jiang* and Qi-Long Zhu*



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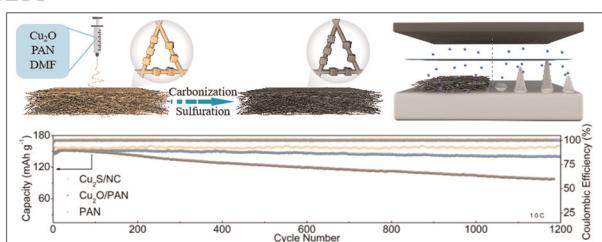
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Brønsted base tuning the local reaction environment to enhance neutral water oxidation

Mei Han, Kangning Liu, Hongyan Liang* and Yongchang Liu*

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3D bead-like Cu₂S/NC nanofiber fabric as an interlayer for fabricating dendrite-free lithium metal anodes

Junzhuo Jiang, Junfan Wei, Yuan Tian* and Cheng Wang

