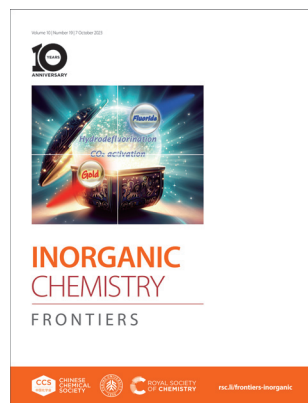


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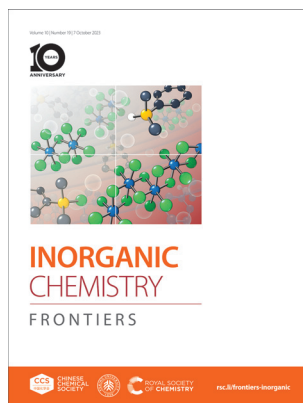
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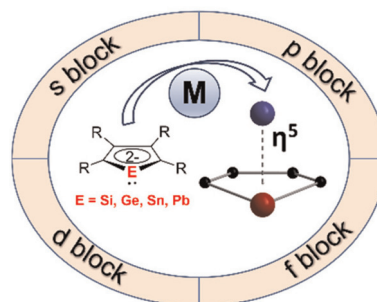
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Group 14 metallole dianions as η^5 -coordinating ligands

Xiaofei Sun and Peter W. Roesky*

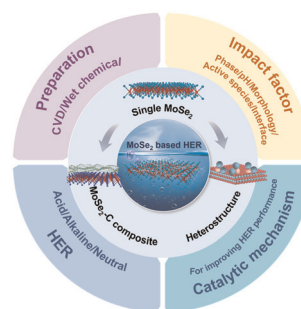


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Recent advances in molybdenum diselenide-based electrocatalysts: preparation and application in the hydrogen evolution reaction

Chunming Yang,* Xiang Li and Yucang Liang*



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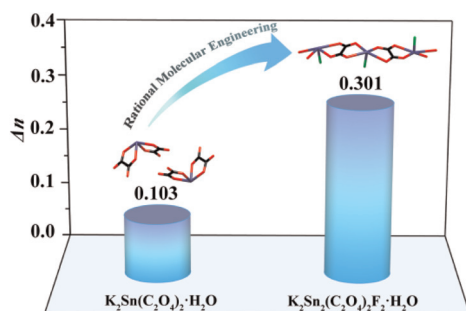
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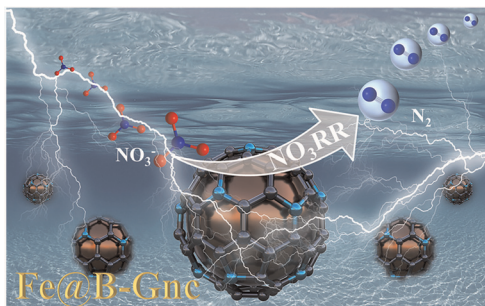
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The transformation of a zero-dimensional cluster into a one-dimensional chain structure achieving a dramatically enhanced birefringence in tin(II)-based oxalates

Liying Ren, Linhong Cheng, Xiaoyan Zhou, Jinxuan Ren, Liling Cao,* Ling Huang, Xuehua Dong, Yuqiao Zhou, Daojiang Gao and Guohong Zou*

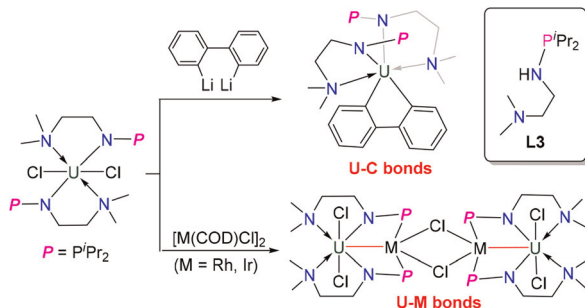
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Confinement engineering for enhanced electrocatalytic nitrate reduction by integrating B-doped graphene with iron catalysts for long-term stability

Hongxia Luo, Chuqi Wang, Yuting Cong, Yuanyuan Ma,* Jianping Yang and Jun Chen*

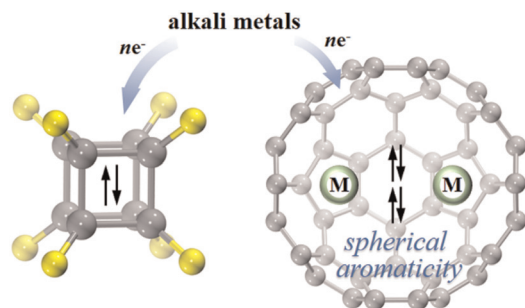
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Synthesis and reactivity of a uranium(IV) complex supported by a monoanionic nitrogen–phosphorus ligand

Kai Li, Jialu He, Yue Zhao and Congqing Zhu*

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Alkali-metal coating: an effective method to inject electrons into cage molecules and achieve direct metal–metal bonds and spherical aromaticity for endohedral metallofullerenes

Xiaoqiao Gu and Peng Jin*

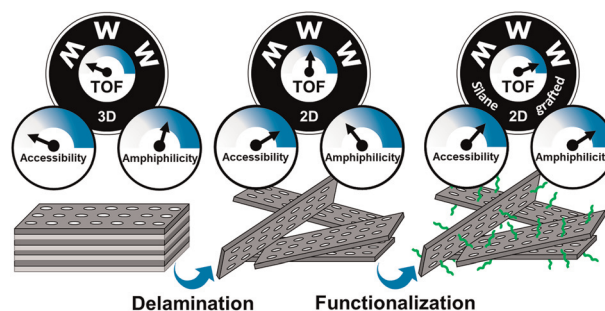


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Tailoring the accessibility and amphiphilicity of MWW zeolites for two-phase glycerol ketalization

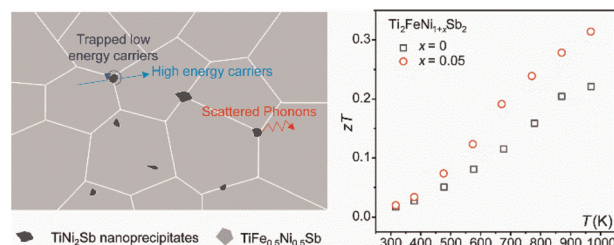
Diego S. D. Lima, Laura L. Silva, Iago W. Zapelini, Svetlana Mintova and Leandro Martins*



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Rahidul Hasan, Yan Gu, Se Yun Kim, Dong Won Chun* and Kyu Hyung Lee*



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Tailoring the d-band center of porous CoS_2 nanospheres via low-electronegative Fe for weakened OH^* adsorption and boosted oxygen evolution

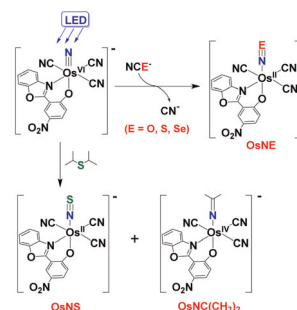
Heyuan Chen, Wei Wu, Suhao Chen, Zichen Wang, Runzhe Chen and Niancai Cheng*



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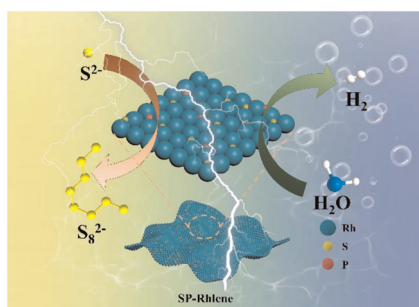
Chalcogen atom abstraction from NCE^- ($\text{E} = \text{O}, \text{S}, \text{Se}$) and $i\text{-Pr}_2\text{S}$ by the excited state of a luminescent tricyano osmium(vi) nitride

Li-Xin Wang, Miaomiao Zhou, Lu-Lu Liu, Jing Xiang*, Ji-Yan Liu, Kai-Chung Lau* and Tai-Chu Lau*



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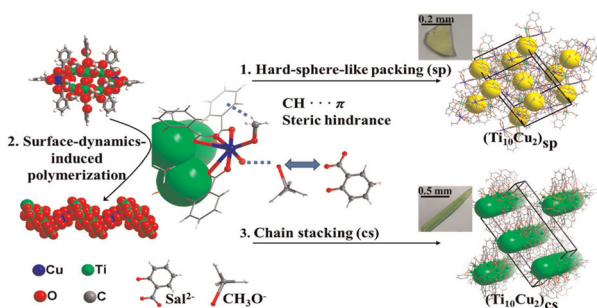
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Electronic and active site engineering in Rh metallene via phosphorus and sulfur dual-doping for electrocatalytic sulfion recycling and hydrogen generation

Hongjing Wang, Yuqin Liang, Songliang Liu, Xu Mu, Hongjie Yu, Kai Deng, Ziqiang Wang, You Xu* and Liang Wang*

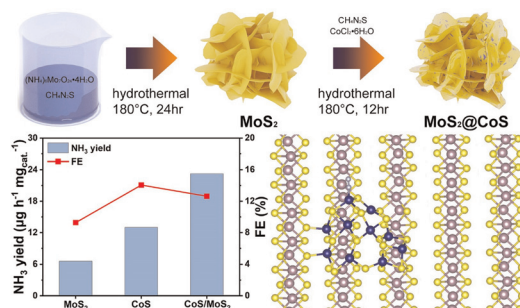
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A surface-dynamic approach toward supercrystal engineering of titanium–oxo clusters

Ling-Cui Meng, Zhi-Ming Feng, Zhan-Guo Jiang* and Cai-Hong Zhan*

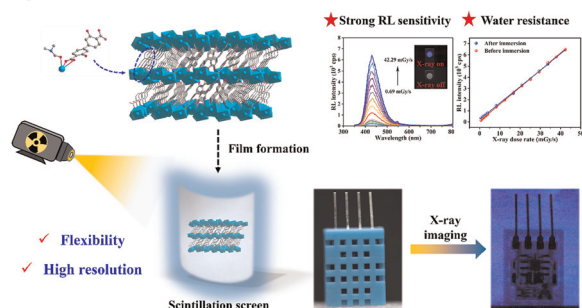
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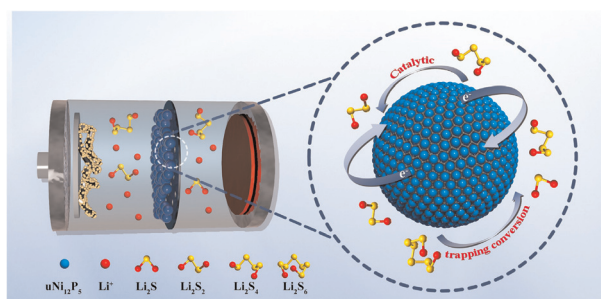


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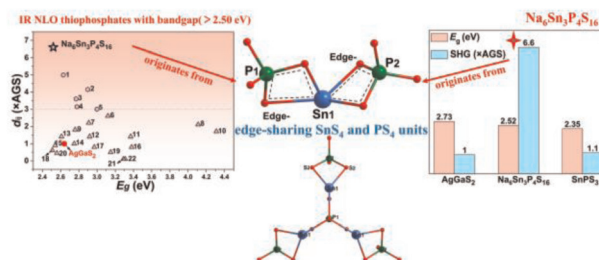
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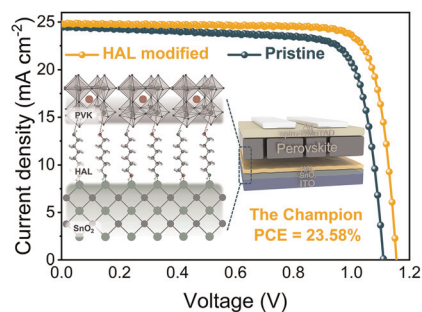
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Enhanced performance of perovskite solar cells via a bilateral electron-donating passivator as a molecule bridge

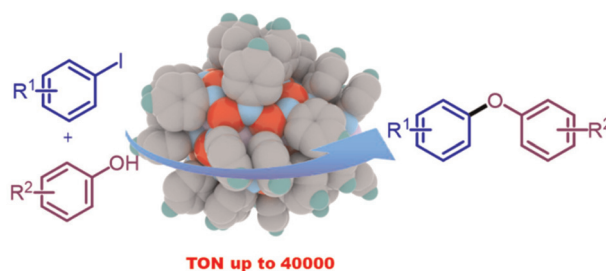
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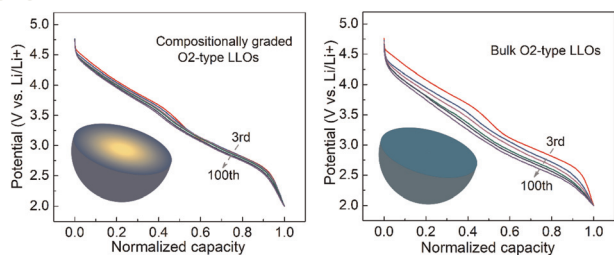
Ligand-passivated Au/Cu nanoclusters with uncoordinated sites give reaction turnover numbers of up to 4×10^4

Lu Dong, Linke Yu, Xueli Sun, Xiongkai Tang, Xuexin You, Jiaqi Tang, Zi-Ang Nan, Dongxu Cao, Yanyuan Jia, Simin Li, Fengyu Li,* Shuo Guo* and Hui Shen*



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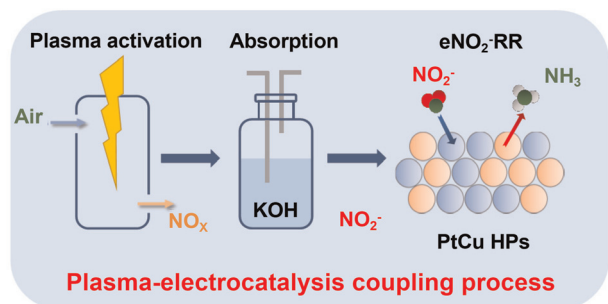
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Boosting the voltage/capacity stability of O₂-type Li-rich layered cathodes by tailoring transition metal distribution for Li-ion batteries

Peiyu Hou, Zhenbo Sun, Mohan Dong, Maosheng Gong, Feng Li* and Xijin Xu*

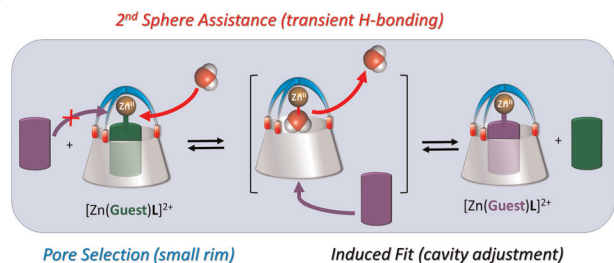
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Sustainable ammonia synthesis from air by the integration of plasma and electrocatalysis techniques

Jun Ding, Wenyi Li,* Qingqing Chen, Jiafang Liu, Shu Tang, Zhiwei Wang, Longwei Chen* and Haimin Zhang*

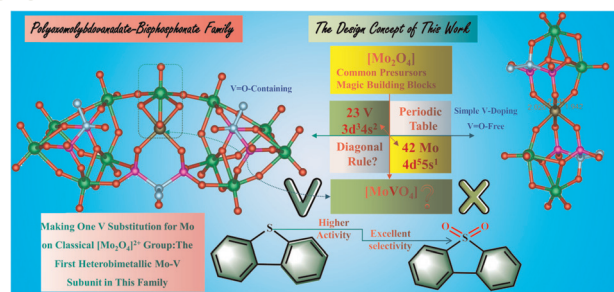
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Guest exchange in a biomimetic Zn^{II} cavity-complex: kinetic control by a catalytic water, through pore selection, 2nd sphere assistance, and induced-fit processes

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Xiangyu Ren, Baokuan Chen,* Gang Zhang, Yanfeng Bi,* Lingling Dai and Guoping Yang*

