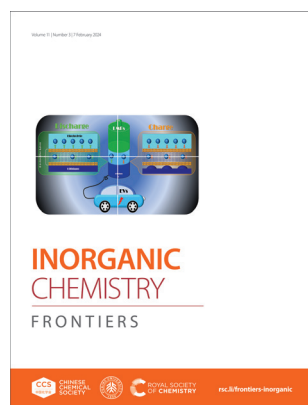


IN THIS ISSUE

ISSN 2052-1553 CODEN ICFNAW 11(3) 649-970 (2024)



Cover

See Xiangbo Meng,
pp. 659–681.

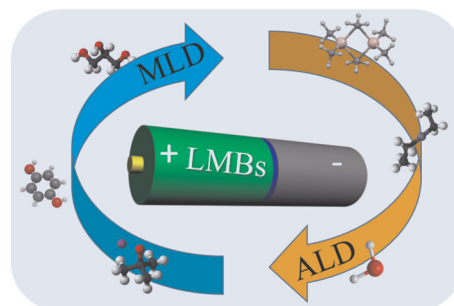
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REVIEWS

659

Interface engineering of lithium metal anodes via atomic and molecular layer deposition

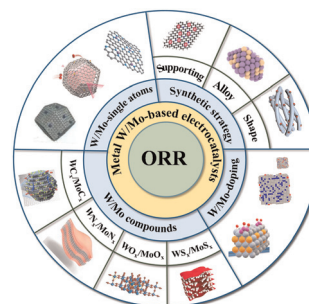
Xiangbo Meng



682

Highly efficient tungsten/molybdenum-based electrocatalysts for the oxygen reduction reaction: a review

Guiru Sun, Xiaobin Liu,* Huimin Mao, Siqi Wu, Yanru Liu,
Tianshi Wang, Jingqi Chi and Lei Wang*



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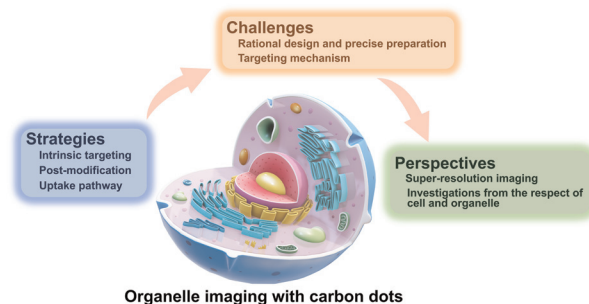
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REVIEWS

713

Organelle imaging with carbon dots: strategies, challenges, and perspectives

Quanxing Mao, Yujie Meng, Yuhang Feng, Hui Li* and Tianyi Ma*

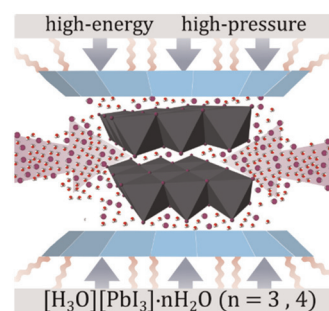


RESEARCH ARTICLES

735

High-pressure observation of elusive iodoplumbic acid in different hydronium-hydrate solid forms

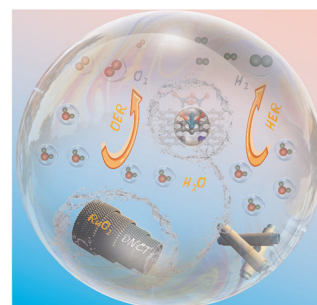
Szymon Sobczak, Athena M. Fidelli, Jean-Louis Do, George P. Demopoulos,* Audrey Moores,* Tomislav Friščić* and Andrzej Katrusiak*



745

A co-axial structure composed of RuO₂ on defective N-doped carbon nanotubes as a highly efficient electrocatalyst for overall water splitting

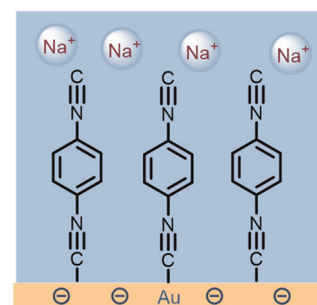
Wenqiang Li, Bowen Guo, Ka Zhang, Heng Zhang, Keqing Bu, Haipeng Chen and Xun Feng*



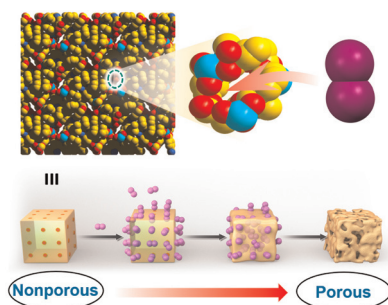
756

Understanding the effect of specific adsorption on the vibrational Stark effect of adsorbates on an electrode surface via surface enhanced spectroscopy

Kaiyue Zhao, Haocheng Xiong, Yuanhui Xiao, Haisheng Su, Deyin Wu, Xiaoxia Chang, Qi Lu* and Bingjun Xu*



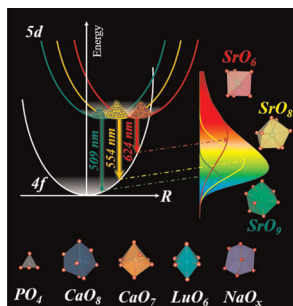
769



High-Capacity Iodine Adsorption, and Nonporous to Porous Structural Transformation in an Originally Nonporous Coordination Polymer

Chu-Hong Zhang, Bing-Xun Zhou, Xian Lin, Jia-Xuan Wu, Liang-Hua Wu, Songliang Cai, Jun Fan, Wei-Guang Zhang,* Yong Yan* and Sheng-Run Zheng*

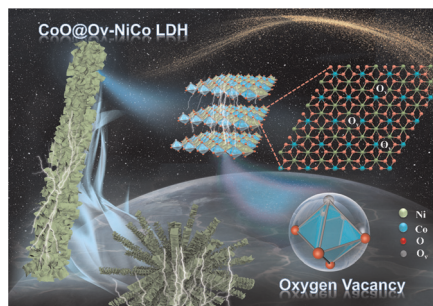
779



Tuning Eu^{2+} luminescence in $\text{Sr}_8\text{CaLu}(\text{PO}_4)_7$ via Na^+ -induced local structure engineering for violet-chip-excitable full-spectrum lighting

Luan Yang, Fengluan You, Tao Pang, Xifeng Pan,* Shaoxiong Wang, Shilin Jin, Yongzheng Fang* and Daqin Chen*

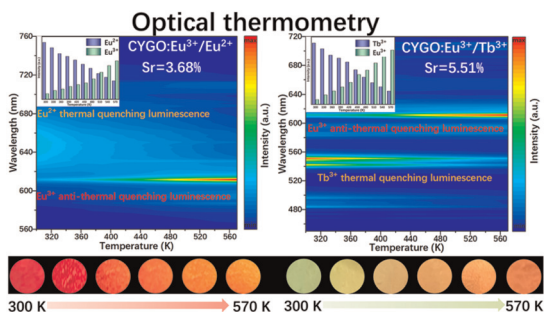
789



In situ construction of core–shell structured cobalt oxide@nickel–cobalt-layered double hydroxide nanorods with abundant oxygen vacancies towards boosting electrochemical energy storage

Xiao-Man Cao, Di Liu, Zhi-Jia Sun* and Qingguo Zhang*

799



Utilizing diametrically opposite thermal quenching luminescence to achieve highly sensitive temperature measurement and anti-counterfeiting

Haijie Guo, Yaqi Chen, Lei Wang,* Qiufeng Shi, Cai'e Cui, Ping Huang and Jianwei Qiao*

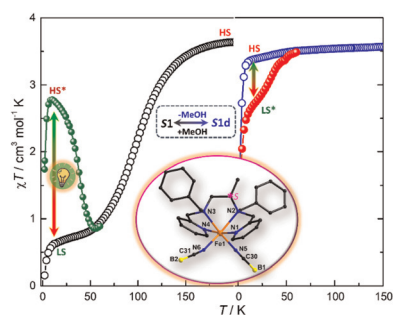


RESEARCH ARTICLES

808

Solvated/desolvated homochiral Fe(II) complexes showing distinct bidirectional photo-switching due to a hidden state

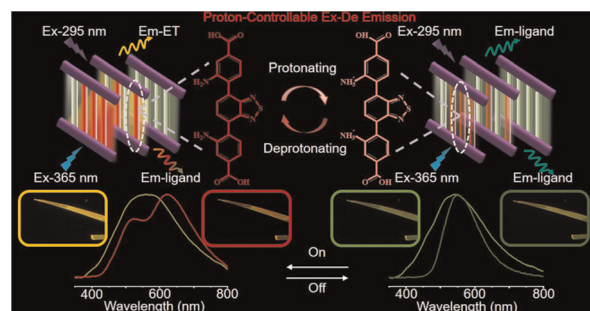
Xin-Hua Zhao, Yi-Fei Deng, Jia-Quan Huang, Min Liu and Yuan-Zhu Zhang*



817

Proton-induced switching of excitation-wavelength-dependent emission based on mixed-ligand metal-organic frameworks

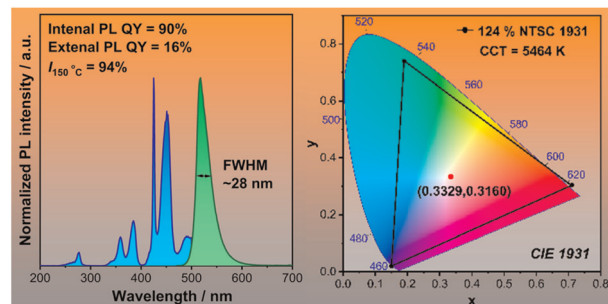
Yuanchao Lv,* Xue Yang, Zhile Xiong, Yunbin Li, Jiashuai Liang, Shengchang Xiang and Zhangjing Zhang*



826

A highly Mn²⁺-doped narrowband green phosphor toward wide color-gamut display applications

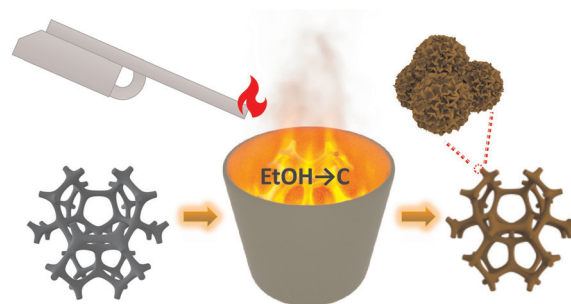
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837

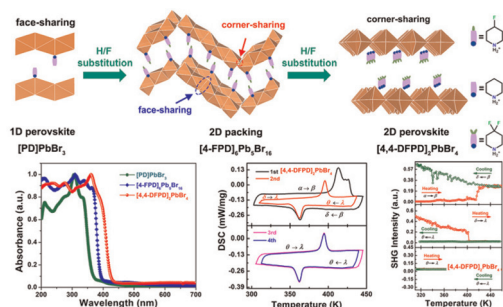
Ethanol combustion-assisted fast synthesis of tri-metal oxides with reduced graphene oxide for superior overall water splitting performance

Zehua Zou, Zhenan Zheng, Yingyu Chen, Yong Shao, Xuan Zheng, Chuan Zhao* and Qingxiang Wang*



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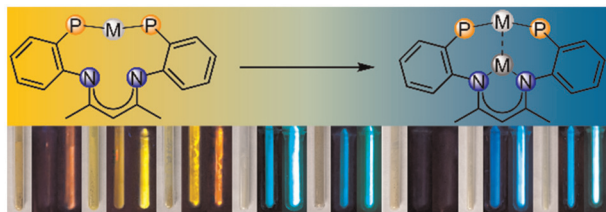
845



H/F substitution activating tunable dimensions and dielectric–optical properties in organic lead-bromide hybrids

Lipeng Long, Ziwen Huang, Zhe-Kun Xu, Tian Gan, Yan Qin, Zhengwang Chen and Zhong-Xia Wang*

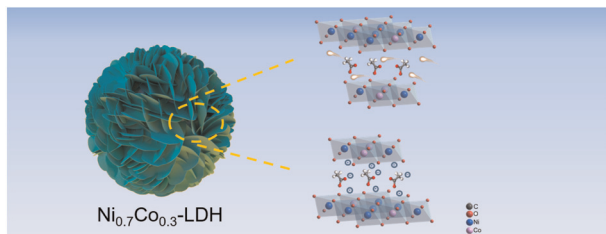
853



Cooperativity in luminescent heterobimetallic diphosphine-β-diketiminato complexes

Frederic Krätchmer, Xiaofei Sun, David Frick, Christina Zovko, Wim Klopper and Peter W. Roesky*

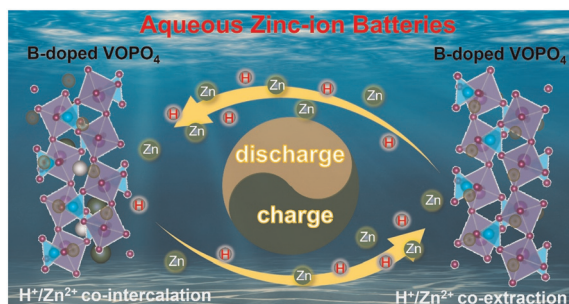
863



Acetate ion-intercalated NiCo-LDH with quasi-theoretical capacitance for high energy/power density aqueous supercapacitors

Guanwen Wang, Yu Meng, Chunlei Chi and Zheng Liu*

874



A B-doped layered VOPO₄·2H₂O cathode for high-performance zinc-ion batteries with an H⁺/Zn²⁺ co-insertion mechanism

Jingjing Yuan,* Yifan Qiao, Yifan Li, Yuchen Lu, Junjie He, Yongqi Ge, Guangyu He and Haiqun Chen*

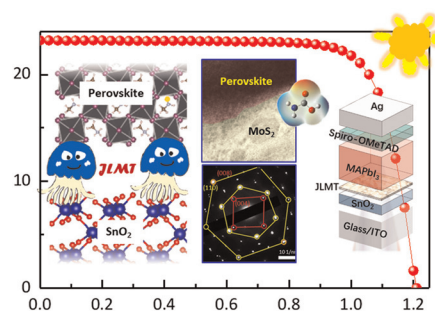


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882

Manipulating the crystallization and interfacial charge behavior with a jellyfish-like molecular template for efficient perovskite solar cells

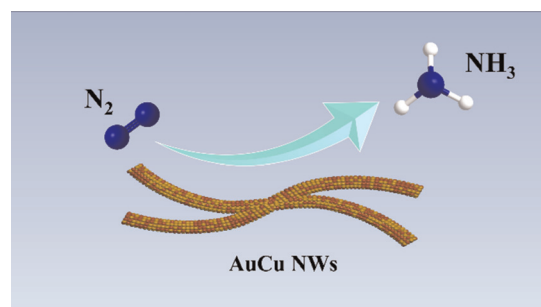
Haoyan Wang, Chenyu Zhao, Lin Fan, Maobin Wei, Huilian Liu, Xiaoyan Liu, Jinghai Yang,* Fengyou Wang* and Lili Yang*



892

Ultrafine AuCu nanowires for electrocatalytic nitrogen fixation

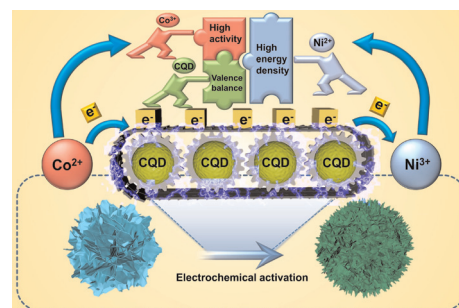
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899

Carbon quantum dot regulated electrochemical activation of Co_{0.03}Ni_{0.97}LDH for energy storage

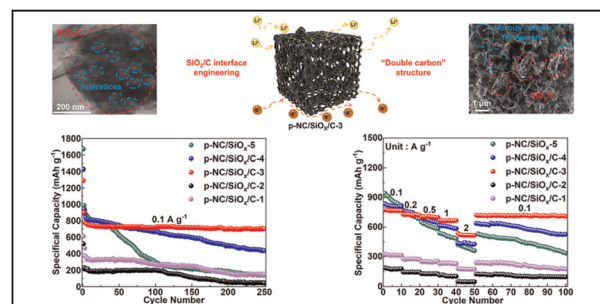
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912

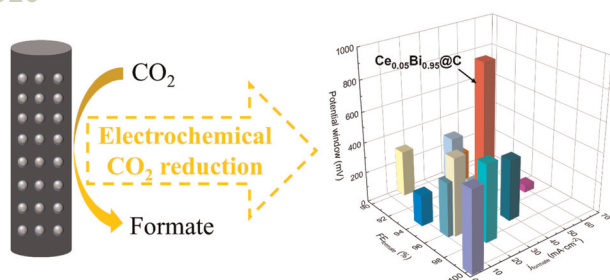
Encapsulating biomass-derived SiO_x with internal conductive channels in nitrogen-doped flexible carbon cages for high performance Li ion-battery anodes

Xiangzhong Kong,* Ziyang Xi, Yingjie Jiang, Shi Li, Xi Chen, Jing Zhang, Zhongmin Wan* and Anqiang Pan*



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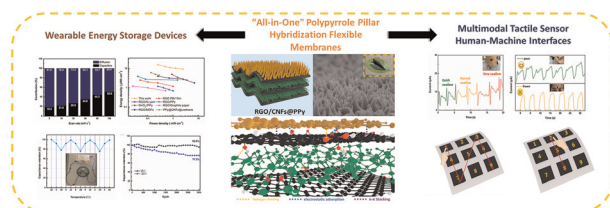
926



Optimizing Bi active sites by Ce doping for boosting formate production in a wide potential window

Yi-Cheng Wang, Peng-Fei Sui, Chenyu Xu, Meng-Nan Zhu, Renfei Feng, Hongtao Ma, Hongbo Zeng, Xiaolei Wang* and Jing-Li Luo*

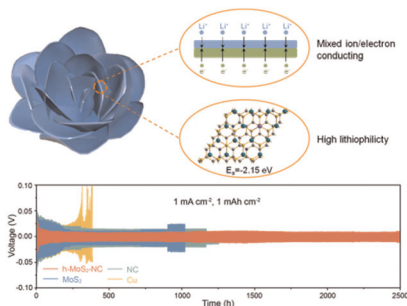
936



"All-in-one" polypyrrole pillar hybridization flexible membranes on multimodal tactile sensors for wearable energy-storage devices and human-machine interfaces

Jing Wei, Youchao Teng, Lian Han, Jiawei Ge, Zhilei Zhang, Yongzan Zhou, Changyan Xu,* Dagang Li,* Kam C. Tam* and Yimin A. Wu*

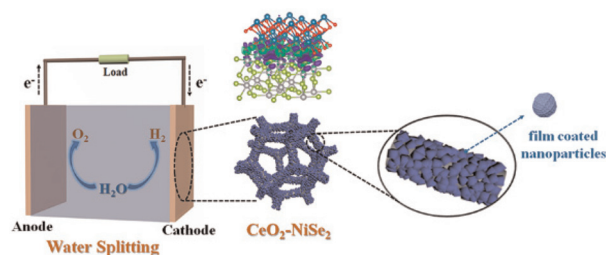
947



"Three in one" 3D mixed skeleton design enables dendrite-free Li metal batteries

Wan-Yue Diao, Dan Xie,* Ying-Yu Wang, Fang-Yu Tao, Chang Liu, Xing-Long Wu, Wen-Liang Li* and Jing-Ping Zhang*

957



A bifunctional electrocatalyst based on interfacial engineering of CeO₂ and NiSe₂ for boosting electrocatalytic water splitting

Xueying Wang, Yunong Qin, Xin Peng, Ling Li,* Qiancheng Zhu and Wenming Zhang*

