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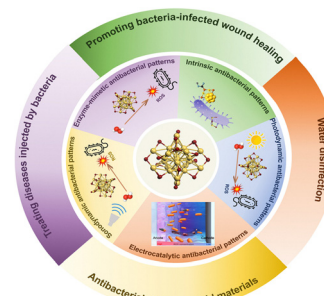
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FEATURE ARTICLES

7201

Ultrasmall coinage metal nanoclusters as promising antibacterial agents: from design to applications

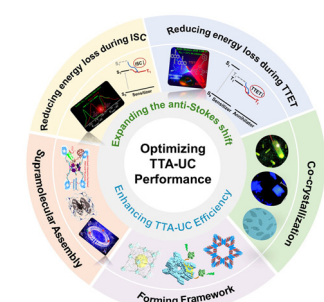
Kang Liu, Zhiwen Xue, Ting Feng,* Xinyue Dou,*
Coswald Stephen Sipaut* and Xun Yuan*



7221

Optimizing TTA-UC performance by chemically tuning sensitizers and orderly organizing sensitizers and annihilators

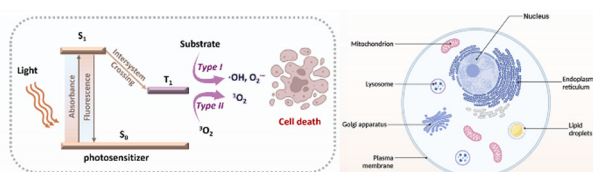
Lingling Wei, Cheng Yang* and Wanhua Wu*



7236

Organelle-targeted small molecular photosensitizers for enhanced photodynamic therapy: a minireview for recent advances and potential applications

Xiaomeng Du, Shumei Huang, Zhenxin Lin, Gang Chen,
Yin Jiang* and Huatang Zhang*

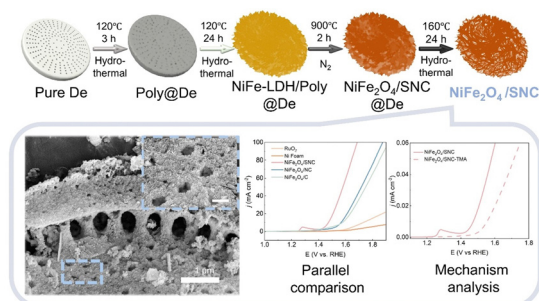


COMMUNICATIONS

7253

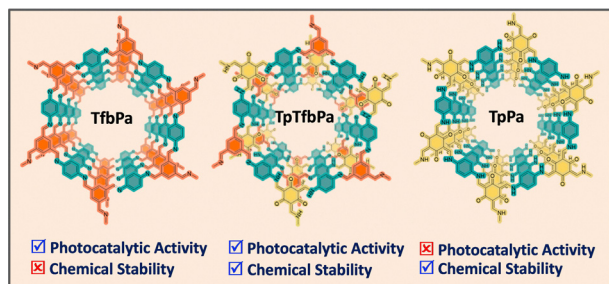
A bionic carbon framework activates the oxygen lattice sites of NiFe₂O₄ to enhance electrochemical water splitting

Can Wang, Yue Xiao, Kailin Li,* Qing Sun, Bo Yang and
Yuxin Zhang*



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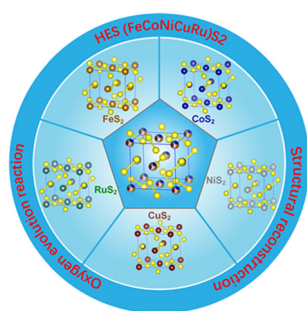
7257



A mixed-linker strategy in covalent organic frameworks for enhanced sunlight-driven photocatalytic oxidation activity and stability

Jikuan Qiu,* Xinchun Xue, Kangna Zhang, Xiaoxin Tian, Wenrui Wan, Tingting Fan, Zhiyong Li, Huiyong Wang and Yuling Zhao*

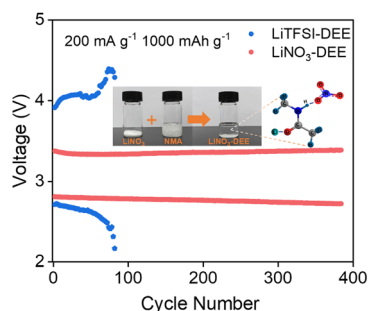
7261



Structural reconfiguration of an Ru-bearing high-entropy sulfide into an efficient alkaline oxygen evolution catalyst

Wenfeng Peng,* Zhengxing Lv, Wenbo Cheng, Jiong Li, Shijing Zhao, Bingmin Yan, Lu Shang, Junshuang Zhou,* Tierui Zhang and Huiyang Gou*

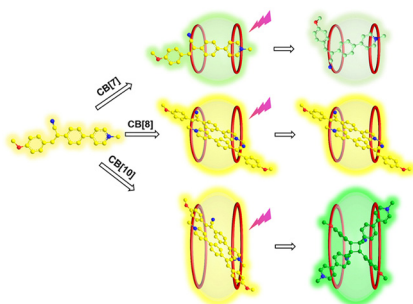
7265



A highly stable LiNO₃/*N*-methylacetamide deep eutectic electrolyte for rechargeable Li–O₂ batteries

Chuanhao Sheng, Wei Li,* Haoshen Zhou and Ping He

7269



Regulating photochromic behavior of a cyanostilbene by cucurbit[*n*]uril hosts in aqueous solution

Zengyan Xia, Chunmei Wang, Fangwei Wu, Xin Huang, Xie Han and Simin Liu*

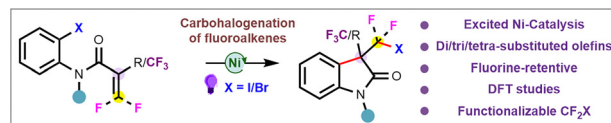


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7273

Photoinduced Ni-catalyzed carbohalogenation of monofluoro, *gem*-difluoro, and trifluoromethyl tethered alkenes

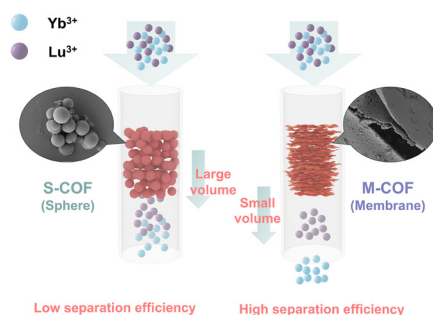
Ruchi Sharma, Naveen Sihag, Poorvi Gupta, Kuntal Manna* and M. Ramu Yadav*



7277

A multi-stage COF membrane column system for enhanced Yb/Lu separation

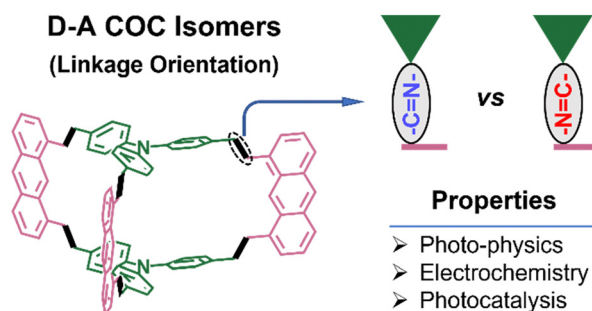
Yingdan Zhang, Pan He, Yingdi Zou, Xiaomeng Huang, Jie Zhang, Zhiying Fan, Ningning He, Yang Li* and Lijian Ma*



7281

Structural isomers of imine-linked covalent organic cages with divergent photocatalytic properties

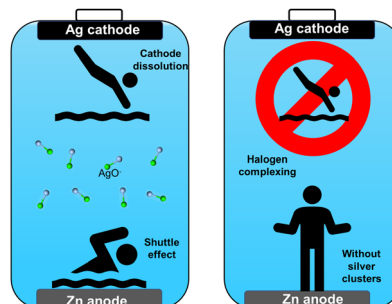
Jiajia Li, Yanping Yang, Shan Shiang Hii, Xinyuan Zhu and Youfu Wang*



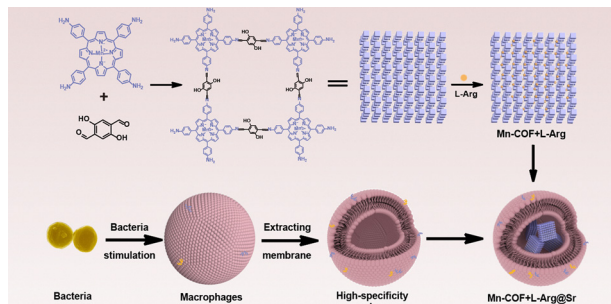
7285

Halide-mediated Ag–Zn batteries in alkaline electrolytes

Jiajie Shen, Wenjiao Ma, Jianhui Jin, Huijian Wang and Xiao Liang*



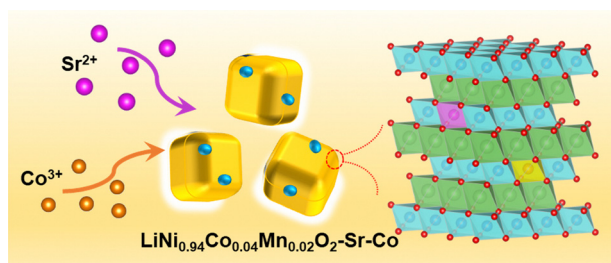
7289



A membrane-penetrative COF-based nanoplatfor for intracellular bacterial pathogen eradication across diverse niches

Yuxi Fang, Jiadai Yi, Huan Wang,* Yanjie Zhang, Yue Sun, Jinsong Ren* and Xiaogang Qu*

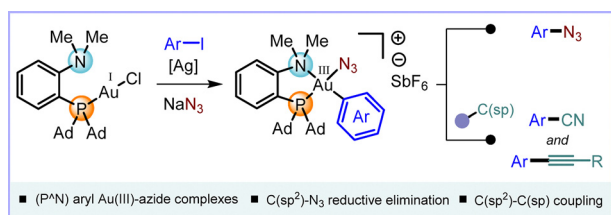
7293



Sr and Co co-doping stabilizes ultrahigh-nickel single-crystal cathodes for high-performance lithium-ion batteries

Zhiqiang Song, Changrui Chen, Run Ren, Ruiqing Wang, Wei Li, Biao Ma, Yufan Du, Chunyang Xu* and Xinwei Cui*

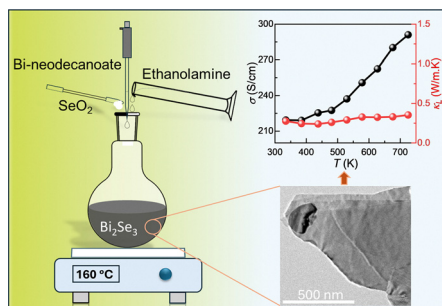
7297



Bidentate (P^N) Au(III)-azide complexes: synthesis and reductive elimination studies

Urvashi and Nitin T. Patil*

7301



A facile one-pot recipe for topological insulator Bi_2Se_3 with thermoelectric properties

Anil Kumar B. M., Rittika Dhar, Shuva Biswas and Satya N. Guin*

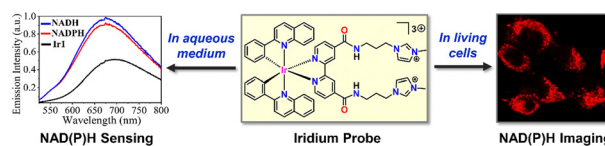


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7305

Harnessing the power of iridium AIEgens for NAD(P)H detection in aqueous medium and living cells

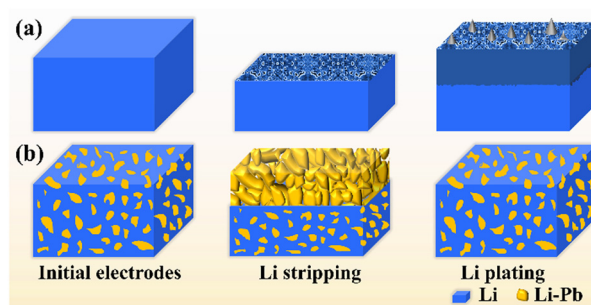
Ajay Gupta, Aryan Gautam, Smaranika Patra, Amit Kunwar* and Pijus K. Sasmal*



7309

A dendrite growth-suppressing Li composite anode decorated with lithiophilic Li–Pb alloys for stable Li metal batteries

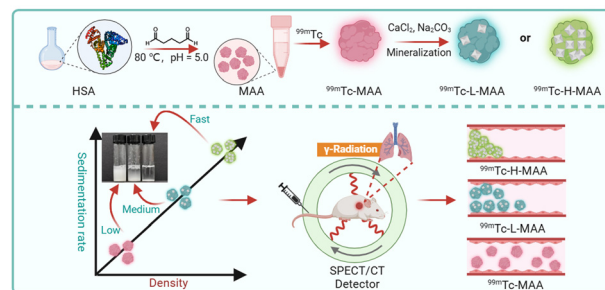
Jing Bai, Ziwei Zhu, Xue Liu and Sheng Liu*



7313

Mineralization of macroaggregated albumin for accurate biodistribution evaluation of pre-radiotherapy

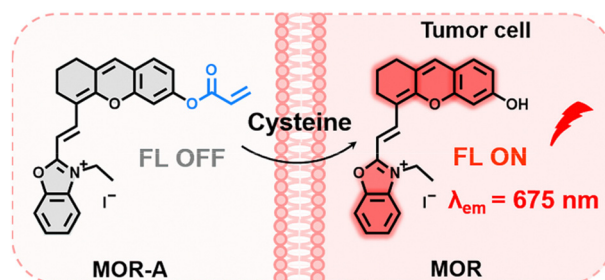
Xiaomin Gao, Mingru Zhang, Danlan Fang, Yuan Yu,* Shaolong Qi, Xinyang Yu, Meiqi Cheng, Shoujun Zhu, Fei Kang,* Kuikun Yang* and Guocan Yu*



7317

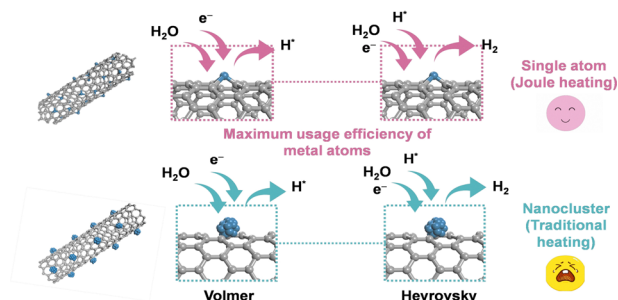
Cys-lighted near-infrared fluorescence for guiding orthotopic liver tumor resection

Miaomiao Zhang, Miao Feng, Ying Yang, Sheng Chen, Shusheng Zhang, Yanhao Zhang* and Bin Zhao*



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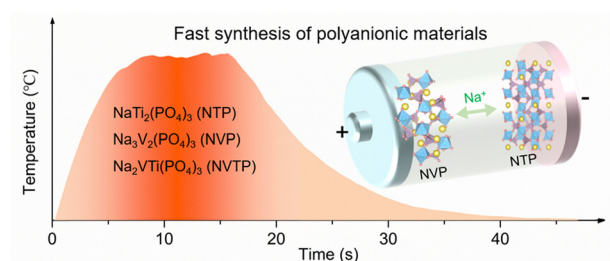
7321



Joule-heating synthesis of highly dispersed Pt single atoms anchored on carbon nanotubes for efficient hydrogen evolution

Qian Wang, Haokai Zhao, Yaxin Du, Xianyang Yue, Jianfei Gao, Meina Yu,* Cheng Zou* and Huai Yang*

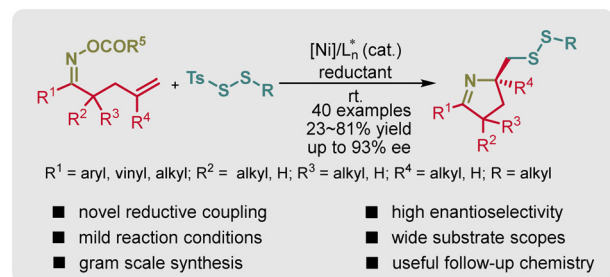
7325



Fast synthesis of polyanionic materials for sodium-ion storage

Jingyuan Zhang, Zeyu Cao, Ying Yang, Zhuo Zheng, Zixian Wang, Hang Ren, Jinyao Yang, Guoyin Zhu, Yizhou Zhang and Shengyang Dong*

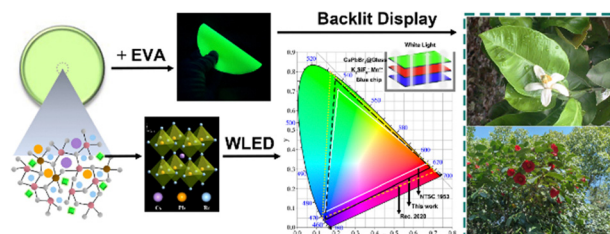
7329



Nickel-catalyzed enantioselective reductive iminodisulfuration of alkene-tethered oxime esters with dithiosulfonate

Jie Zhou, Zhizheng Chen, Mengna Nie, Wenhao Li, Wen-Yan Tong, Haonan Wei, Hang Yan, Qianwen Gao,* Shuanglin Qu* and Xi Wang*

7333



Ultrastable germanium oxide induced self-crystallization of CsPbBr₃@glass for white light-emitting devices and wide color gamut backlit displays

Enrou Mei, Yanling Lin, Wenying Zhu, Xiaojuan Liang* and Weidong Xiang*



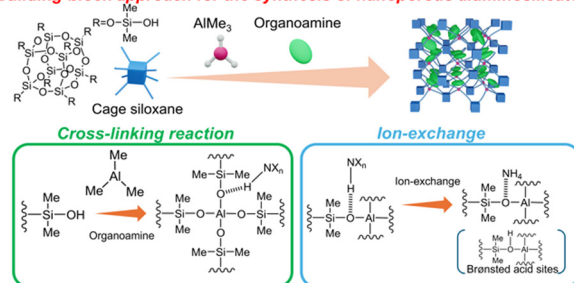
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7337

Tailoring nanoporous aluminosilicates with well-defined $\text{Al}(\text{OSi})_4$ sites using dimethylsilanol-modified cage siloxanes and ammonium cations

Takuya Hikino, Hikaru Mochizuki, Takamichi Matsuno, Kazuyuki Kuroda and Atsushi Shimojima*

Building-block approach for the synthesis of nanoporous aluminosilicates



CORRECTION

7341

Correction: Photoredox radical/polar crossover enables carbo-heterofunctionalization of alkenes: facile access to 1,3-difunctionalized nitro compounds

Subrata Patra, Vasiliki Valsamidou, Bhargav N. Nandasana and Dmitry Katayev*

