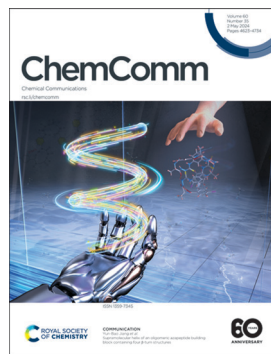


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Cover

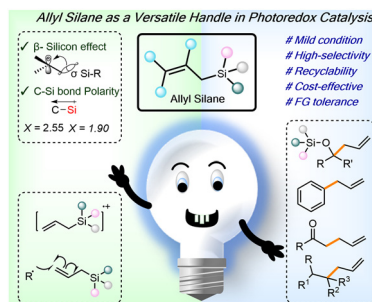
See Yun-Bao Jiang *et al.*,
pp. 4648-4651.
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2024, 60, 4648.

HIGHLIGHT

4633

Allylsilane as a versatile handle in photoredox catalysis

Nand Lal, Sanket B. Shirsath, Puja Singh, Deepshikha and
Aslam C. Shaikh*

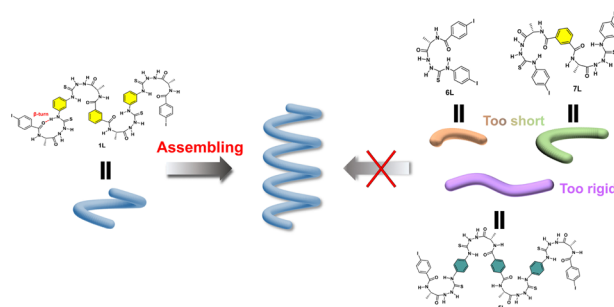


COMMUNICATIONS

4648

Supramolecular helix of an oligomeric azapeptide building block containing four β-turn structures

Yingdan Zhao, Xiaosheng Yan and Yun-Bao Jiang*



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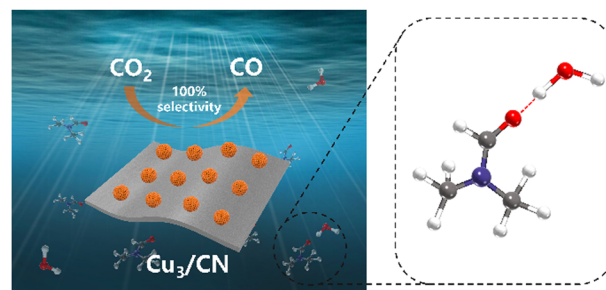
Fundamental questions
Elemental answers

COMMUNICATIONS

4652

Carbon nitride nanosheet-supported CuO for efficient photocatalytic CO₂ reduction with 100% CO selectivity

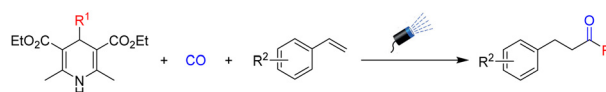
Xingxi Lv, Xiaomeng You, Jingyi Pang, Hang Zhou, Zejiang Huang, Ye-Feng Yao and Xue-Lu Wang*



4656

Photoredox-catalyzed carbonylative acylation of styrenes with Hantzsch esters

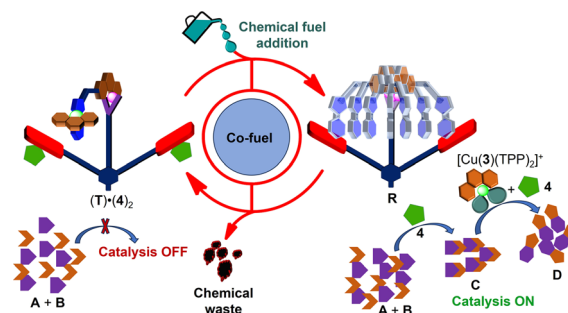
Qiangwei Li, Le-Cheng Wang, Zhi-Peng Bao and Xiao-Feng Wu*



4659

Dissipative sequential catalysis via six-component machinery

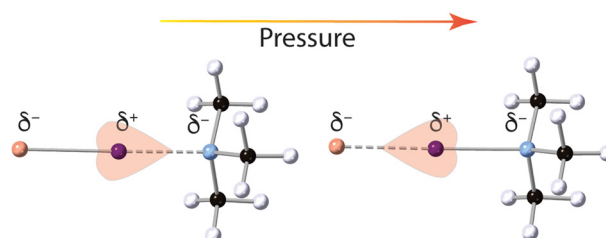
Debabrata Mondal, Emad Elramadi, Sohom Kundu and Michael Schmittle*



4663

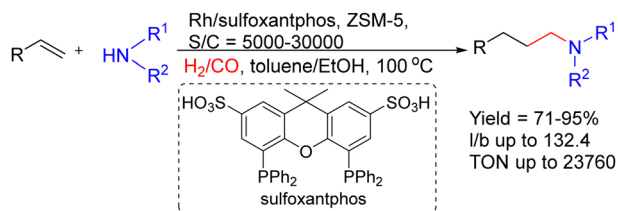
Exploring the full range of N...I...X halogen-bonding interactions within a single compound using pressure

Richard H. Jones,* Craig L. Bull, Nicholas P. Funnell, Kevin S. Knight and William G. Marshall



COMMUNICATIONS

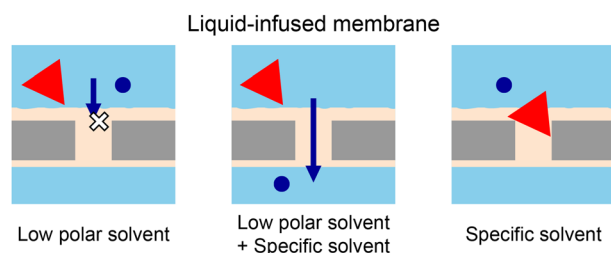
4667



Highly active and regioselective hydroaminomethylation of olefins catalyzed by Rh/sulfoxantphos with ZSM-5

Xiaoshuang Yuan, Xueqing Zhang, Zhaohui Zheng, Shuhui Sun, Xiaofei Jia* and Shuxiang Dong

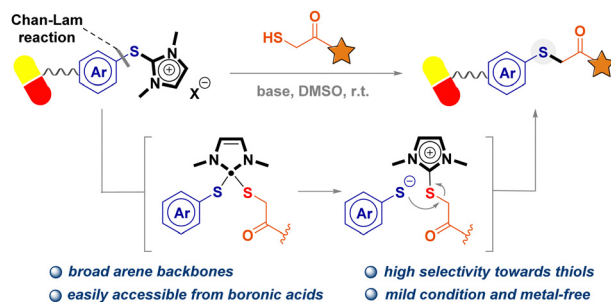
4671



Antifouling binary liquid-infused membranes for biological sample pretreatment

Ying Dong, Jing Li* and Chuixiu Huang*

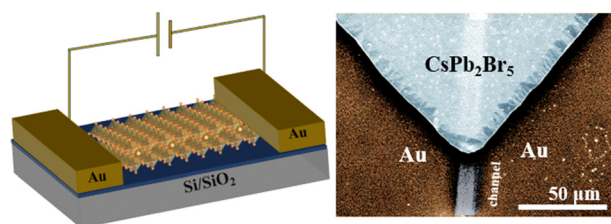
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The Chan-Lam-type synthesis of thioimidazolium salts for thiol-(hetero)arene conjugation

Yue Li, Dongchang Han, Zhibin Luo,* Xiaomeng Lv and Bin Liu*

4679



Sizeable square CsPb₂Br₅ nanosheets for photodetection

Shuang Li, Fenyun Wang, Shunhong Dong, Haoyun Dou, Tingfeng Wang and Hong-En Wang*

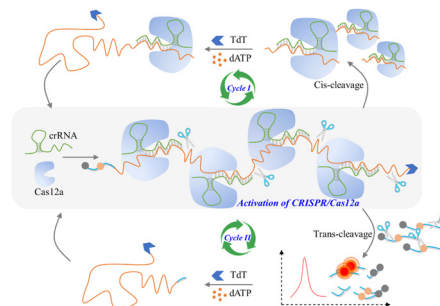


COMMUNICATIONS

4683

One-pot isothermal amplification permits recycled activation of CRISPR/Cas12a for sensing terminal deoxynucleotidyl transferase activity

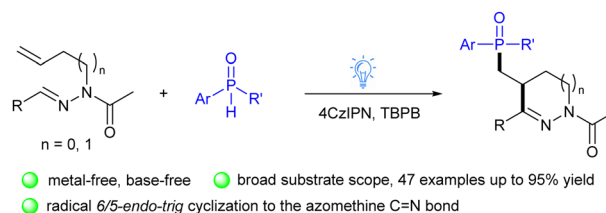
Jianguo Xu,* Haidong Yang, Zhuqi Sui, Xinyue Yuan, Lee Jia and Longhua Guo*



4687

Photo-induced phosphorylation/cyclization of *N*-homoallyl and *N*-allyl aldehyde hydrazones to access phosphorylated tetrahydropyridazines and dihydropyrazoles

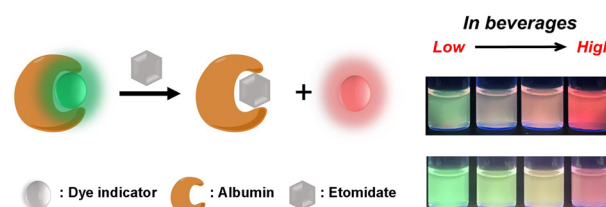
Lingli Liu, Yechun Wu, Chengli Xiang, Jin-Tao Yu* and Changduo Pan*



4691

Ratiometric determination of etomidate based on an albumin-based indicator displacement assay (IDA)

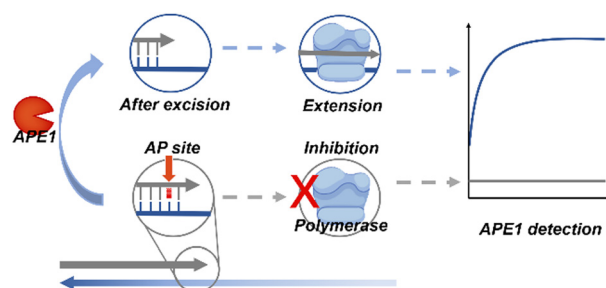
Yutian Zhao, Yanan Guo, Zhongyong Xu,* Taoyuze Lv, Lei Wang, Mingle Li, Xiaoqiang Chen, Bin Liu* and Xiaojun Peng



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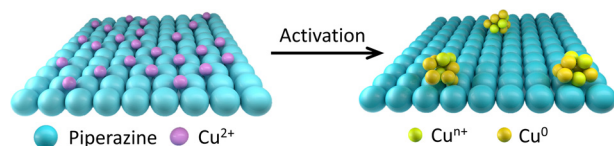
Enhancing APE1 detection through apurinic/apryrimidinic site inhibition of DNA polymerase: an innovative, highly sensitive approach

Zhijun Liu, Bei Yan, Huan Liu, Xiao Liu, Xianjin Xiao* and Zhihao Ming*



COMMUNICATIONS

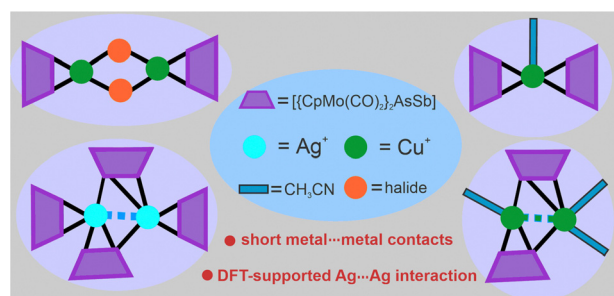
4699



Ligand-engineering Cu-based catalysts to accelerate the electrochemical reduction of CO₂

Ying Liang, Rui Zhang, Kaihong Xiao, Fenghui Ye, Xinyue Ma, Wei Liu,* Hanle Yin, Baoguang Mao,* Xiangru Song and Chuangang Hu*

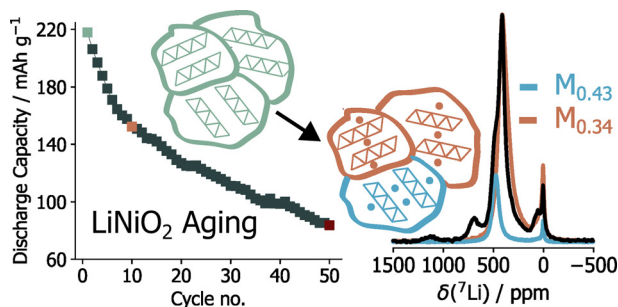
4703



Supramolecular compounds assembled from the heteroleptic tetrahedral complex [CpMo(CO)₂]₂(μ,η²-AsSb) and metal salts

Mehdi Elsayed Moussa, Pavel A. Shelyganov, Michael Seidl, Lisa Zimmermann and Manfred Scheer*

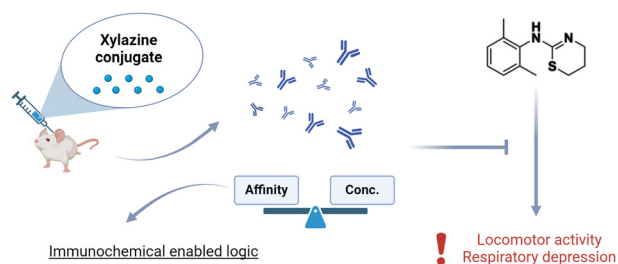
4707



New insights into aging in LiNiO₂ cathodes from high resolution paramagnetic NMR spectroscopy

H. Nguyen, P. Kurzals, M. Bianchini, K. Seidel and R. J. Clément*

4711



Evaluation of a hapten conjugate vaccine against the "zombie drug" xylazine

Mingliang Lin, Lisa M. Eubanks, Bin Zhou and Kim D. Janda*

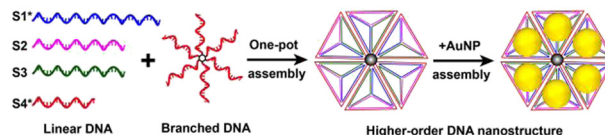


COMMUNICATIONS

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Efficient one-pot assembly of higher-order DNA nanostructures by chemically conjugated branched DNA

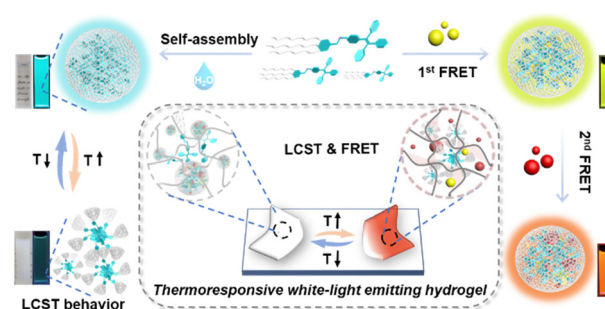
Raja Muhammad Aqib, Yuang Wang, Jianbing Liu* and Baoquan Ding*



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A sequential light-harvesting system with thermosensitive colorimetric emission in both aqueous solution and hydrogel

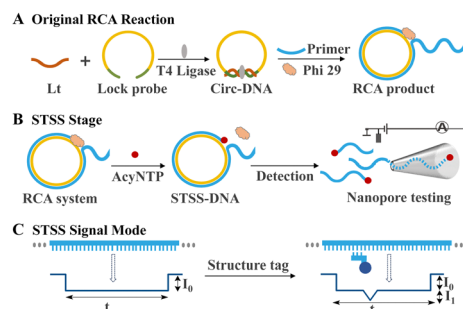
Lu Tang, Zhiying Wu, Qiaona Zhang, Qiulin Hu, Xiaoman Dang, Fengyao Cui, Long Tang* and Tangxin Xiao*



4723

The single strand template shortening strategy improves the sensitivity and specificity of solid-state nanopore detection

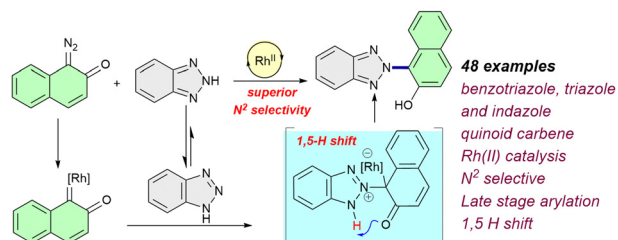
Jin Yu, Chunxu Yu, Yanru Li, Chunmiao Yu, Yesheng Wang, Ruiping Wu* and Bingling Li*



4727

Rh(II)-catalysed N^2 -selective arylation of benzotriazoles and indazoles using quinoid carbenes via 1,5-H shift

Souradip Sarkar, Sourav Bhunya, Subarna Pan, Arnadeep Datta, Lisa Roy* and Rajarshi Samanta*



RETRACTION

4731

Retraction: Aqueous aerobic oxidation of alkyl arenes and alcohols catalyzed by copper(II) phthalocyanine supported on three-dimensional nitrogen-doped graphene at room temperature

Mojtaba Mahyari, Mohammad Sadegh Laeini and Ahmad Shaabani*

