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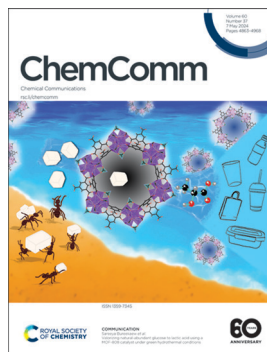
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Cover

See Brandon T. Watson and H. V. Rasika Dias, pp. 4872–4889. Image generated using Adobe Firefly. Image reproduced by permission of H. V. Rasika Dias from *Chem. Commun.*, 2024, 60, 4872.



Inside cover

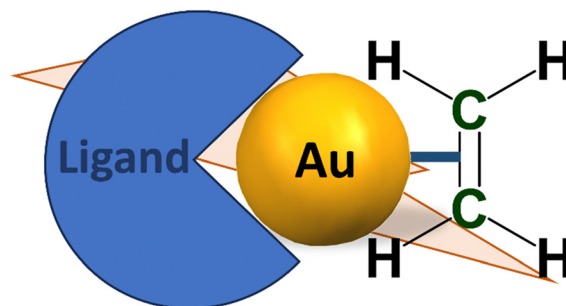
See Sareeya Bureekaew *et al.*, pp. 4890–4893. Image reproduced by permission of Sareeya Bureekaew from *Chem. Commun.*, 2024, 60, 4890.

FEATURE ARTICLE

4872

Going for gold – the chemistry of structurally authenticated gold(i)–ethylene complexes

Brandon T. Watson and H. V. Rasika Dias*

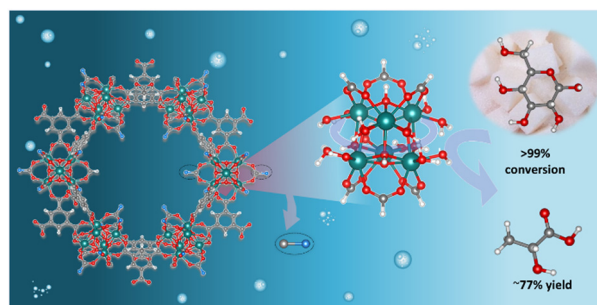


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4890

Valorizing natural-abundant glucose to lactic acid using a MOF-808 catalyst under green hydrothermal conditions

Sininat Boonmark, Panyapat Ponchai, Kanyaporn Adpakpang, Suttipong Wannapaiboon, Sutarat Thongratkaew, Kajornsak Faungnawakij and Sareeya Bureekaew*



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Fundamental questions
Elemental answers

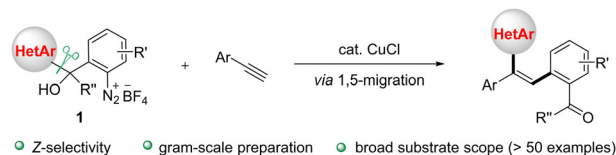


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4894

Z-selective radical difunctionalization of aromatic alkynes: synthesis of multi-substituted triarylethenes

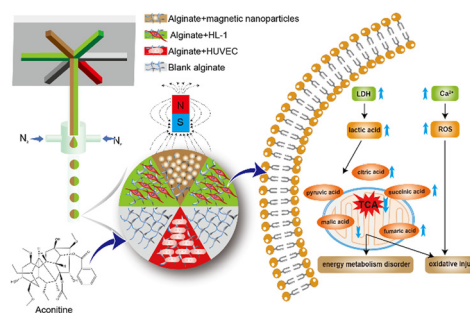
Xinxin Wang, Jie Wang, Meishan Ji, Xinxin Wu and Chen Zhu*



4898

Evaluation of aconitine cardiotoxicity with a heart-on-a-particle prepared by a microfluidic device

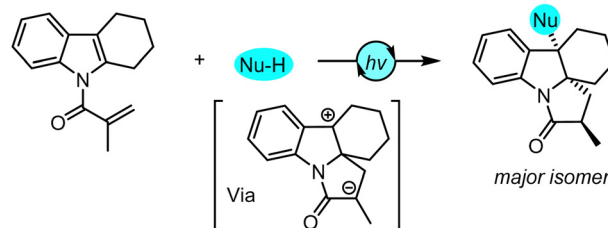
Tong Xu, Zengnan Wu, Hongren Yao, Yingrui Zhang, Shiyu Chen, Yuxuan Li, Xian-Li Meng, Yi Zhang* and Jin-Ming Lin*



4902

Accessing pyrrolo[1,2-a]indole derivatives via visible-light-induced dearomatizative cyclization of indoles

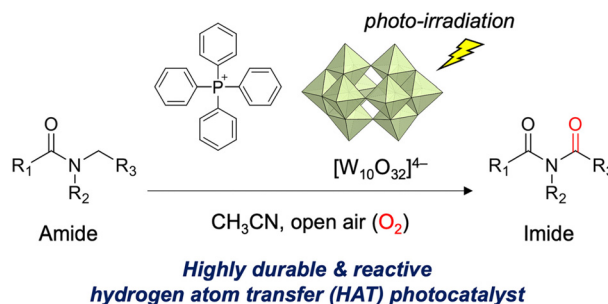
Zhaosheng Liu, Xiaochen Ji,* Lilan Duan, Guo-Jun Deng and Huawen Huang*



4906

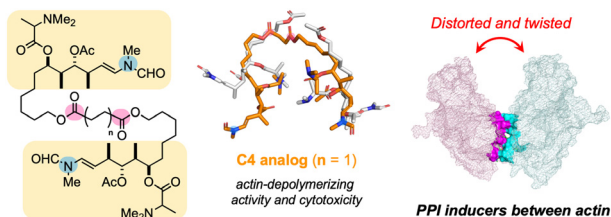
Photocatalytic aerobic α -oxygenation of amides to imides using a highly durable decatungstate tetraphenylphosphonium salt

Chen Gu, Takafumi Yatabe, Kazuya Yamaguchi and Kosuke Suzuki*



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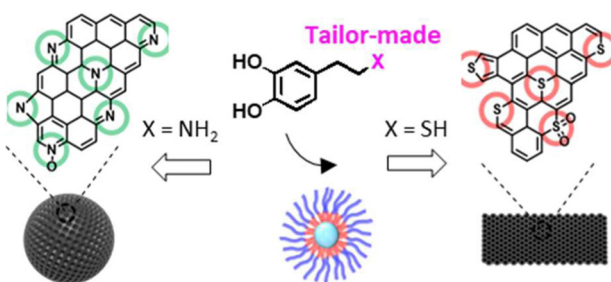
4910



Development of actin dimerization inducers inspired by actin-depolymerizing macrolides

Moeka Itakura, Didik Huswo Utomo and Masaki Kita*

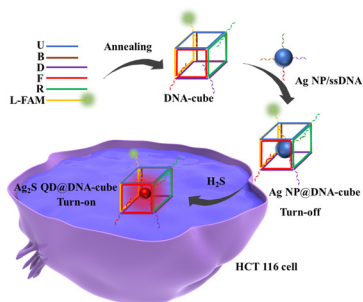
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Organic precursors for tailored synthesis of sulfur- and nitrogen-doped mesoporous carbons: a molecular design approach

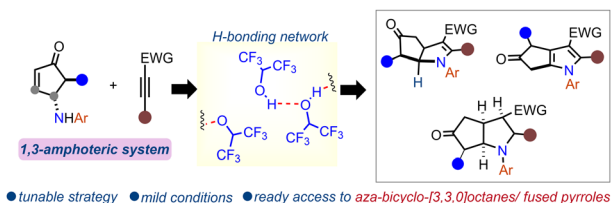
Takashi Hamada,* Hiroki Nara, Minjun Kim, Hirokatsu Miyata and Yusuke Yamauchi*

4918

Endogenous H_2S -activated Ag nanoparticles embedded in programmed DNA-cubes for specific visualization of colorectal cancer cells

Wenhui Chen, Wei Mao, Yuqi Yin, Ziyu Ma, Meiqi Song, Zixiao Ma, Tingting Li, Jia Zhu, Chang Liu, Hui Yu, Sheng Tang* and Wei Shen*

4922



Hydrogen bonding-promoted tunable approach for access to aza-bicyclo-[3.3.0]octanes and cyclopenta[b] pyrroles

Sourav Pramanik, Subhadeep Hazra, Ayan Chatterjee and Jaideep Saha*

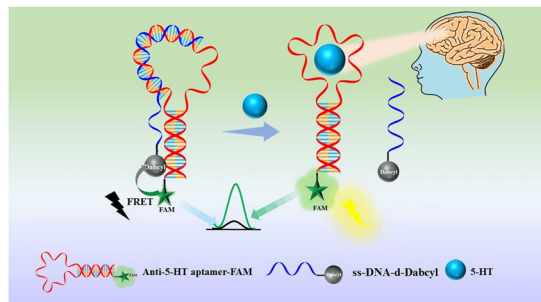


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Turn-on fluorescent aptasensing for the determination of serotonin *via* target-induced knot displacement at corona

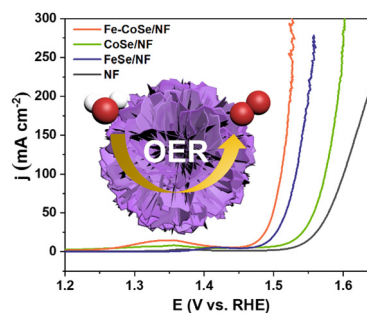
M. A. Hagir Omer, Danyang Zhang, Wenshuai Zhou, Xiaolin Yang* and Honglan Qi*



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Construction of amorphous/crystalline Fe doped CoSe for effective electrocatalytic oxygen evolution

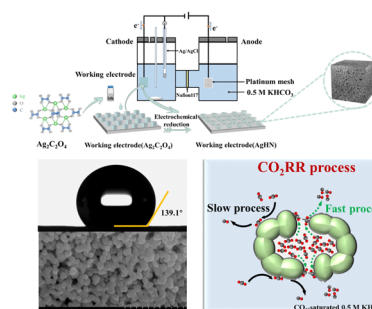
Wenjuan Chen, Qian Zhang, Youzheng Zhang, Caidi Han, Jinting Wu, Jian Gao, Xiao-Dong Zhu* and Yong-Chao Zhang*



4934

Plastron effect enhanced electrochemical CO₂ reduction activity over hydrophobic three-dimensional nanoporous silver

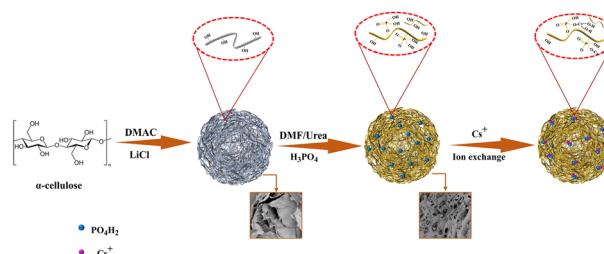
Yu Xue, Yingming Zhu,* Chuan He, Kejing Wu, Yingying Liu, Binshen Wang, Houfang Lu and Bin Liang



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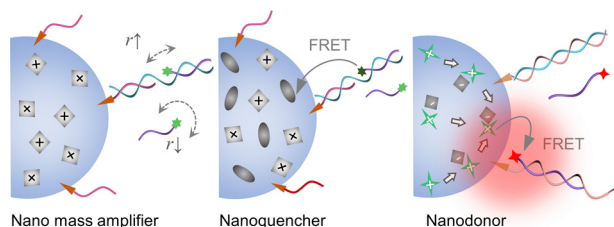
Phosphate-rich cellulose beads for efficient cesium extraction from aqueous solutions: a novel approach for cellulose utilization

Weilian Zhao, Mingming Wei, Lichun Ma,* Tianlong Deng and Jiayin Hu*



4942

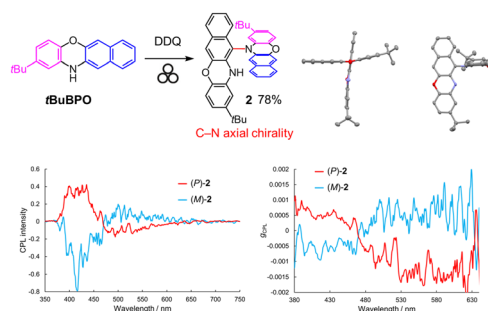
Self-Assembled Polymer Nanodots for Triple-Mode Fluorescence Detection of Nucleic Acids



Tailorable optical properties of polymer nanodots for triple-mode fluorescence detection of nucleic acids

Chao Guo, Enna Cui, Mengxiao Wang, Xuan Liu, Yanyan Yu, Xiaojang Xie* and Dongzhi Yang*

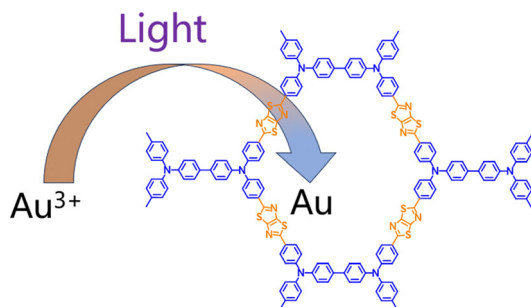
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Solvent-free synthesis and chiroptical properties of a C–N axially chiral cruciform dimer of benzo[*b*]phenoxazine

Shuhei Ishikawa, Daisuke Sakamaki,* Masayuki Gon, Kazuo Tanaka and Hideki Fujiwara*

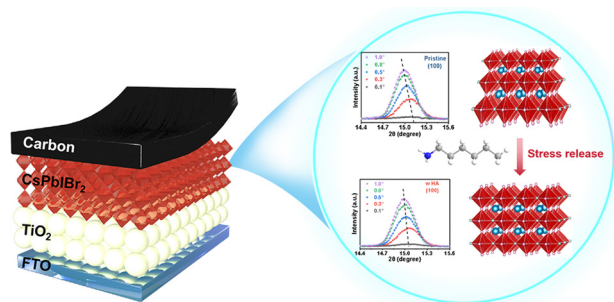
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Efficient gold recovery by a thiazolyl covalent organic framework

Zhecheng Huang, Liecheng Guo, Kai Yu, Feng Gao, Yuting Yang* and Feng Luo*

4954



Strain engineering improves the photovoltaic performance of carbon-based hole-transport-material free CsPbI₂Br₂ perovskite solar cells

Wei He, Xingxing Duan, Qunwei Tang, Jie Dou* and Jialong Duan*

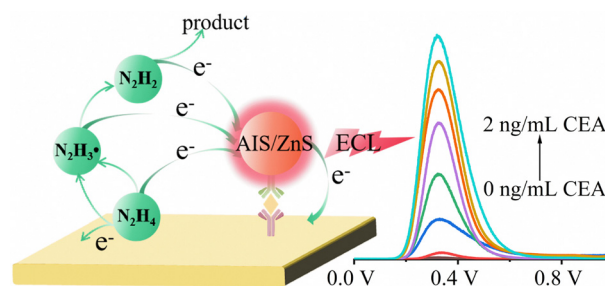


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Potential-selective electrochemiluminescence of AgInS₂/ZnS nanocrystals and its immunoassay application

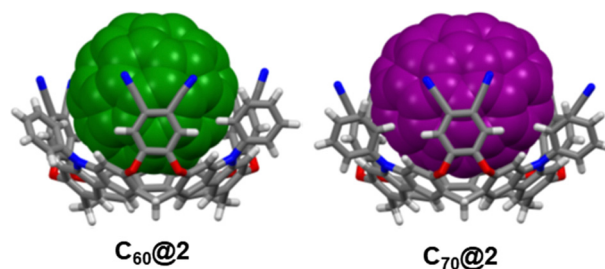
Mengwei Li, Xuwen Gao,* Xiaoxuan Ren, Yaojia Ai, Bin Zhang and Guizheng Zou*



4962

A calix[3]carbazole-based cavitand: synthesis, structure and its complexation with fullerenes

Fan Zhang, Xu-Sheng Du, Kui-Zhu Song, Ying Han,* Hai-Yan Lu* and Chuan-Feng Chen*



CORRECTION

4966

Correction: A closer look at ligand specificity for cellular activation of NOD2 with synthetic muramyl dipeptide analogues

Christopher Adamson, Yaquan Liang, Shiliu Feng, Allan Wee Ren Ng and Yuan Qiao*

