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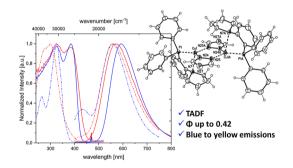
See Wim Klopper, Stefan Bräse et al., pp. 12468-12475. Image reproduced by permission of Vincenzo Pani from New J. Chem., 2025, 49, 12468.

#### **PAPERS**

#### 12468

Blue to yellow-emitting neutral Cu(ı) complexes with μ-bridging 1,2,4-triazole: synthesis, photophysical characterization and DFT calculations

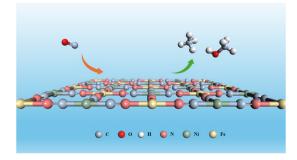
Valentina Ferraro, Xuemin Gan, Florian R. Rehak, Philipp Ralle, Martin Nieger, Andreas Steffen, Wim Klopper\* and Stefan Bräse\*



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A first-principles study of 2D Ni-Fe double metal cyanides for CO electroreduction

Xiaoliang Liu, Pengbo Lyu\* and Lizhong Sun\*





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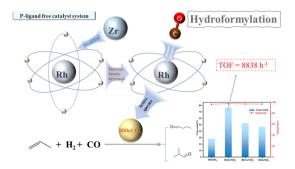
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Enhancing effect of Zr on Rh/SiO<sub>2</sub> catalysts in propylene hydroformylation: experimental and DFT computational study

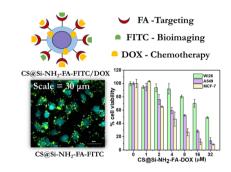
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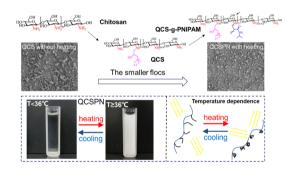
Ruchi Agrawal, Sandeep Balu Shelar, Manas Srivastava and Raghumani Singh Ningthoujam\*



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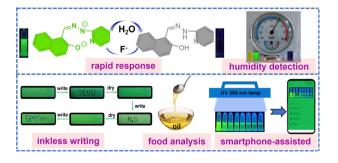
Mengyun Zhao, Jie Yang, Mengyue Wang, Wenzheng Ban, Tao Li,\* Xi Lu\* and Bin Yan



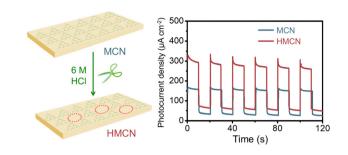
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A portable smartphone platform based on a fluorescent-colorimetric sensor for visual detection of trace water in edible vegetable oils

Dongyu Han, Haiyu Liu, Yucun Liu,\* Yi Zhang, Guosong Sun and Jiku Wang\*



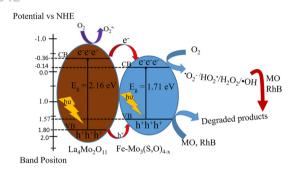
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Enhanced photoelectrochemical water splitting performance of a molten-salt carbon nitride photoanode with morphology and defect regulation induced by hydrochloric acid treatment

Xiaochun Li,\* Chang Dong, Rouhua Chen, Shimin Jiang, Jiaying Lin, Shaoqi Wu, Sijie Liu, Yuxiu Li, Renping Cao and Bang Lan\*

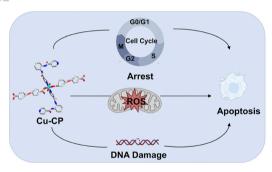
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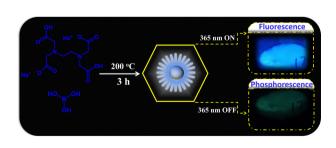
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Anti-cancer potential of a new bioactive copper-based coordination polymer against cervical cancer

Lujiadai Xue, Guie Gao, Yajuan Deng, Shimin Zhou, Jian Luan,\* Shaolie Zheng\* and Xiaoyu Wang\*

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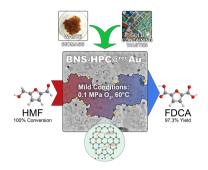
Matrix-free room-temperature phosphorescent boron and nitrogen co-doped carbon dots for information encryption and anticounterfeiting

Yifang Gao,\* Shaogang Lei and Chuan Dong\*

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Recovered gold on biomass-based hierarchical porous carbon as a catalyst for 5-hydroxymethylfurfural oxidation

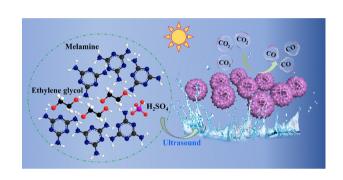
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Ultrasound-assisted synthesis of rose-like carbon nitride nanoflowers: synergistic morphology and electronic modulation for efficient CO<sub>2</sub> photoreduction

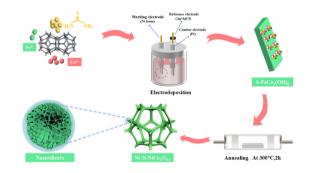
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Dual regulation strategy to synthesize rich oxygenvacancy S-doped FeCo<sub>2</sub>O<sub>4</sub> nanosheets as highperformance supercapacitor electrodes

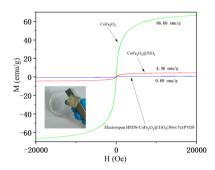
Xiaojuan Liu, Xiaohui Zhong, Jiayi Wu, Xingrong Hu, Zhifeng Li\* and Chunxiang Wang\*



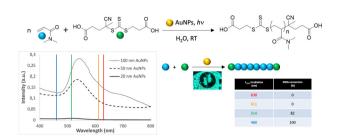
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Jian-Wu Xiao, Li-Wang Jiang,\* Yu-Ma Yang, Yun-Feng Zhu, Fu-An He\* and Dong-Dong Mai\*



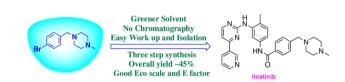
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# Photoinduced electron transfer RAFT polymerization of N,N-dimethylacrylamide via plasmonic excitation of gold nanoparticles in water

Aldine Ali, Frederic Amiard, Alexandre Benard, Marc Lamy de la Chapelle\* and Sandie Piogé\*

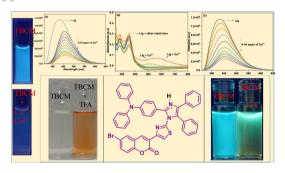
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# Synthesis of imatinib using greener solvents: a sustainable approach

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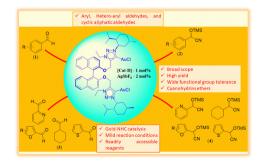
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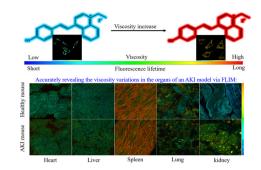
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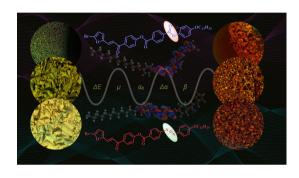
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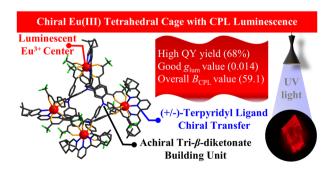
Jocelyn Pezeril, Louis-Bastien Weiswald, Ali Soulieman, Hippolyte Paysant, Ali Hachem, Emilie Brotin, Christophe Denoyelle, Anne-Sophie Voisin-Chiret, Nicolas Gouault, René Grée,\* Nicolas Levoin\* and Laurent Poulain\*



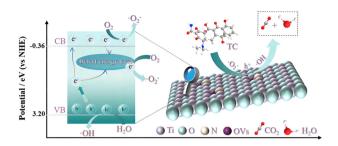
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Siying Sun, Weixing Ming, Haixue Zhang, Anxin Li and Ge Xu\*

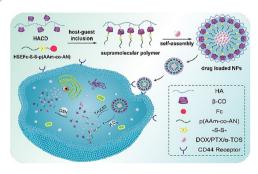
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Eco-engineered MIL53-NH<sub>2</sub>/xanthan gum nanocomposite: a magnetic biosorbent for rapid eradication of ciprofloxacin and amoxicillin in polluted waters

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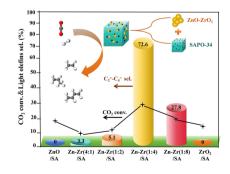
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Kaixuan Jiang, Yuxi Ge, Wenhui Wu, Meiran Xie, Hu He\* and Ruyi Sun\*

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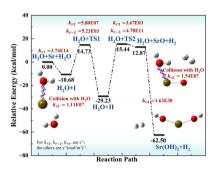
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Yi Xiang, Zidan Mei, Lulu Zhou, Yue Li\* and Yongdong Chen\*

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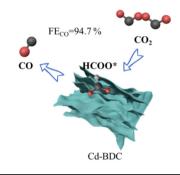
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Carboxyl ligand-regulated Cd metal complexes as efficient catalysts for the electrocatalytic reduction of CO<sub>2</sub> to CO

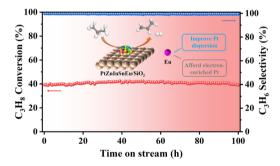
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High-entropy intermetallic compounds induced by rare-earth europium as efficient catalysts for propane dehydrogenation

Shenghui Tao, Teng Li, Zhenjie Wang, Guomin Li, Dongyuan Yang, Shimin Liu\* and Xinjiang Cui\*



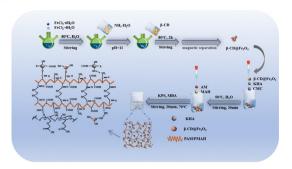
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Facile synthesis of Fe-doped TiO<sub>2</sub> hollow fibers for photocatalytic degradation of methylene blue under white light-emitting diode irradiation

Sittan Wongcharoen, Kasidit Janbooranapinij and Gasidit Panomsuwan\*



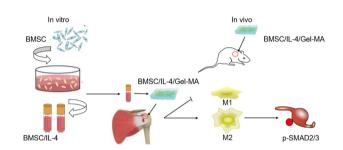
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# Preparation of a β-CD@Fe<sub>3</sub>O<sub>4</sub>/KHA/CMC/AM/MAH hydrogel and its slow-release herbicidal properties against glyphosate

Jie Song,\* Yingnan Zhou, Lijun Chen, Zhiwen Yuan, Yuhua Niu, Xi Li and Liangxian Huang

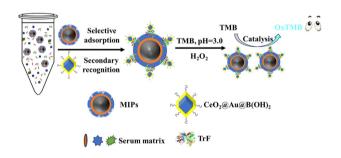
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# Porous hydrogel loaded with BMSCs overexpressing IL-4 promotes tendon-bone healing by activating the TGF-β/Smad2/3 pathway

Ji-Yang Tan, Ze-Nan Huang, Xun-Hao Wang, Fei Xiong, Qiu-Wen Ying, Qian-Yuan Liu, Jun Qian\* and Jing-Yi Mi\*

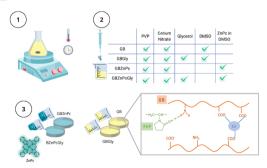
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# Sandwich-structured imprinted polymers for colorimetric glycoprotein detection via functionalized CeO<sub>2</sub> nanozyme catalysis

Kai-Wen Zheng, Jing-Yan Kang, Xiao-Bo Zhao, Ying-Shan Zhang and Yan-Ping Shi\*

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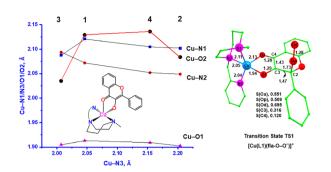
# Development of functional films for enhanced photodynamic therapy against resistant S. aureus

Mariana Miretti, Maria S. Gualdesi, Jimena Vara, Victoria Trivellini Wainziger and Marisa Martinelli\*

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Copper(II)-flavonolate complexes of sterically hindering 3N ligands as enzyme-substrate models for copper(II) quercetin 2,4-dioxygenase: experimental and computational study on the dioxygenation reactivity

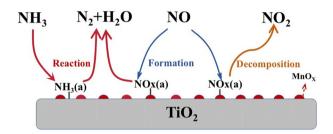
Tamilarasan Ajaykamal, Vishnubhotla V. Sai Siva Bharadwaj, Martin Köckerling, Prabha Vadivelu\* and Mallayan Palaniandavar\*



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Temperature sensitive long-term stability of MnO<sub>x</sub>/TiO<sub>2</sub> catalysts for selective catalytic reduction of NO<sub>x</sub> with NH<sub>3</sub> at low temperature

Ruoxuan Bai, Rongkun Jiang, Zixiao Yu, Jungi Wang, Yiqing Zeng\* and Shule Zhang



#### CORRECTION

#### 12884

Correction: Preparation of a polyvinyl chloride superhydrophobic coating with high stability and strong corrosion resistance

Chao-gang Zhou, Jia-jun Chen, Qi-ya Chen, Jin-yue Li, Wei Gong,\* Tian-xiang Yuan, Ting-zhen Li, Wei-min Gao and Chuan-bo Hu\*