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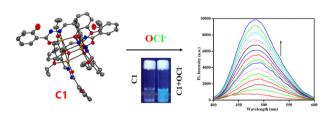
See Catarina I. V. Ramos, Tito Trindade et al., pp. 18130-18142. Image reproduced by permission of Ana Rita Monteiro, Catarina I. V. Ramos et al. from New J. Chem., 2023, 47, 18130.

COMMUNICATION

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A tetra-nuclear Cu(II) complex of amide-imine conjugate: highly-selective ESIPT-based probe for OCl

Jayanta Das, Sabyasachi Ta and Debasis Das*

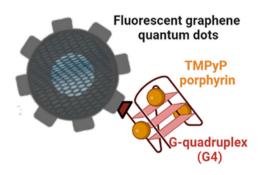


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Arrays of graphene-quantum dots-supported DNA oligonucleotides as self-indicating porphyrin carriers

Ana R. Monteiro, Catarina I. V. Ramos,* Sara Fateixa, Maria G.P.M.S. Neves and Tito Trindade*



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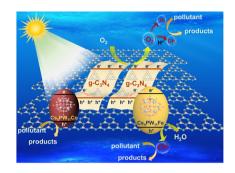
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Building a Z-scheme heterojunction with Keggin-type heteropolymer modified two-dimensional q-C₃N₄ for significant photocatalytic performance

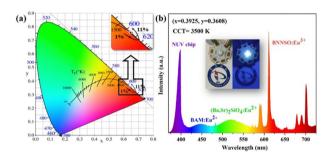
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Xuan Ji, Yao Li, Suo Wang, Xu Fei,* Jing Tian,* Longquan Xu and Yi Wang



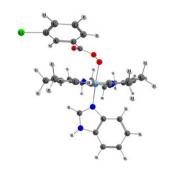
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Muhammad Siddigue Ahmad,* Rugiya Qasim, Qing Zhang, Bing Zeng, Jiamin Chen, Qifeng Wang and Kamel Meguellati*

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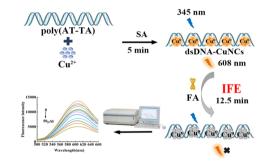
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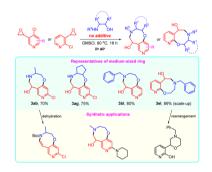
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Luyao Liu, Yuchen Luo, Xuebing Zhang, Bo Deng, Deshuai Zhen, Zhangye Zhou, Hongbin Xie, Hao Liang* and Lili Chen*

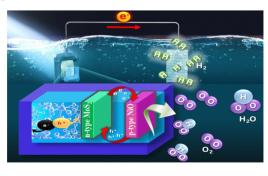
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Kai-Qiang Tian, Tongbo Zhang, Shi-Jiao Zhang, Jun Zhao, Leilei Mao,* Guiyun Duan* and Hong-Shuang Li*

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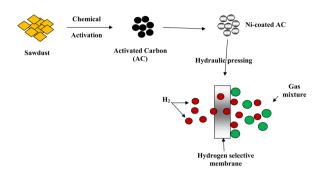
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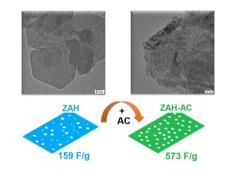
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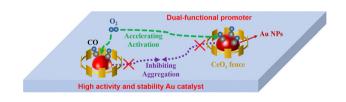
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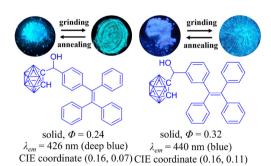
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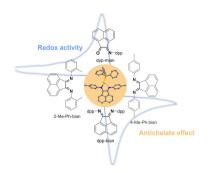
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Tianrui Li, Hao Zhang, Jinling Miao,* Chunyue Xu, Yong Nie,* Guangning Liu, Guoxin Sun* and Xuchuan Jiang



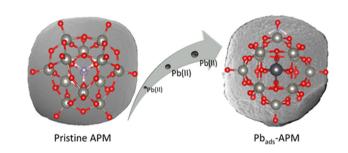
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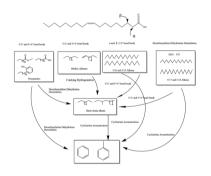
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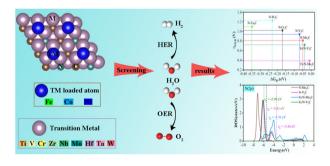
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Bimetallic NiCe/Lay catalysts facilitated co-pyrolysis of oleic acid and methanol for efficiently preparing anaerobic hydrocarbon fuels

Kai Zhang, Xiangyi Liu,* Jiajun Bi, Amal BaQais, Ben Bin Xu, Mohammed A. Amin, Ying Hou, Xianglong Liu, Handong Li, Hassan Algadi, Juan Xu* and Zhanhu Guo*

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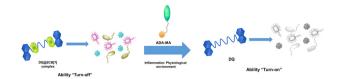
Single metal atoms supported on N-doped 2D M₂C MXenes: an efficient electrocatalyst for overall water splitting

Mengyue Li, Yuwen Cheng* and Yongtao Li*

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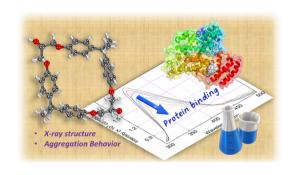
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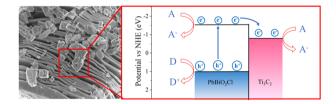
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Yanlong Yu, Jun Zhang, Zhaojun Shi, Ziying Li* and Sai Yan*



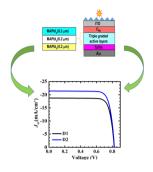
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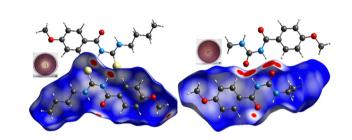
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Performance enhancement using an embedded nano-pyramid in a perovskite solar cell with TaTm as a hole transport layer

Sagar Bhattarai,* M. Khalid Hossain,* Lamia Ben Farhat, Riadh Marzouki, Ismail Hossain, Mohd Zahid Ansari,* Jaya Madan* and Rahul Pandey*

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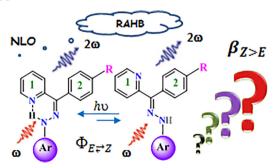
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Dong-Liang Zhang, Zhi-Qiang Zhu,* Zong-Bo Xie, Xiao-Ping Zhang and Zhang-Gao Le*

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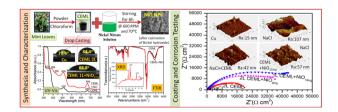
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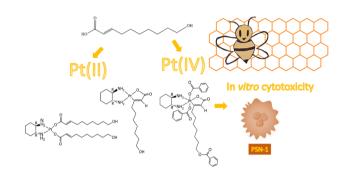
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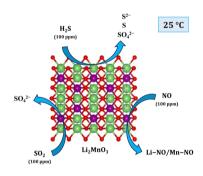
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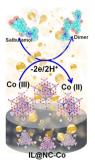
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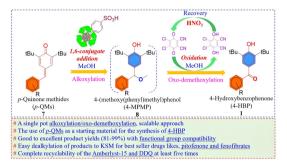
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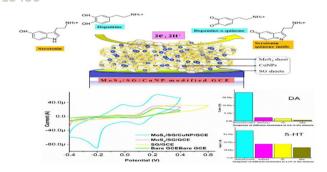
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Jasbir Kaur Mahey, Chunilal B. Pawara and Sumit B. Kamble*

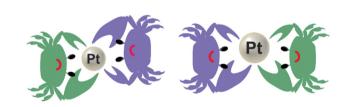
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A sulfonated graphene supported nano copper MoS₂ network for non-enzymatic simultaneous sensing of dopamine and serotonin

Baishali Mahanta, Hasan Al Mamun, Rana Sanjay Kumar Singh and Lakhya Jyoti Borthakur*

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Synthesis of Pt(II) phosphinocarboxylate complexes with auxiliary arylcarbene ligands and factors that control their stereochemistry

Filip Horký, Johannes Soellner, Jiří Schulz, Ivana Císařová, Thomas Strassner* and Petr Štěpnička*

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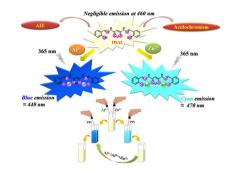
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Yao Shen, Fang Lin, Kang Wang* and Xitao Wang*

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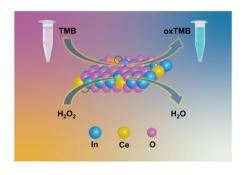
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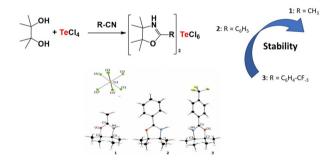
Bin Liu, Haoliang Ruan, Chengyi Li, Jie Yao, Bei Wei, Lei Wang, Shurong Ban* and Jun Xie*



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Unusual tellurium(IV) mediated cyclisation diols into dihydroxazoles with potential anticancer activity

Kenneth D'Arcy, Tim Schäfer, Michele De Franco, Raffaele Ricco,* Valentina Gandin, Pablo J. Sanz Miguel and Diego Montagner*



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TfOH-promoted multichannel transformations of trifluoromethyl side chain substituted thiophene and furan families to access antimicrobial agents

Olesya V. Khoroshilova, Kristina E. Borovkova, Lia R. Nikiforova, Julia V. Salmova, Artem O. Taraskin, Daria V. Spiridonova and Aleksander V. Vasilyev*

Reactions in TfOH:

OTMS

$$C = C$$
 $C = C$
 C