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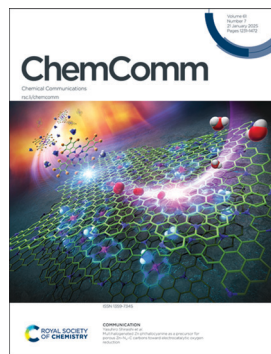
Chemical Communications

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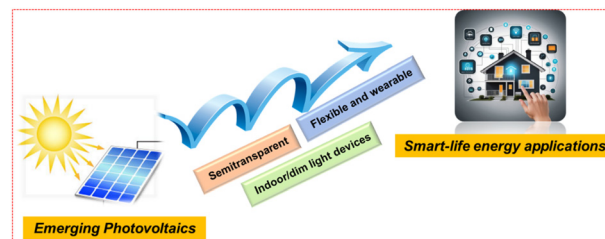
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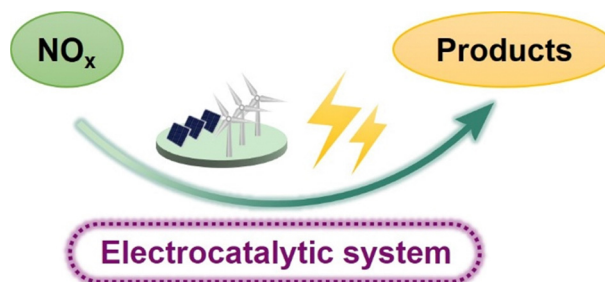
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Shunhan Jia, Xiaofu Sun* and Buxing Han*



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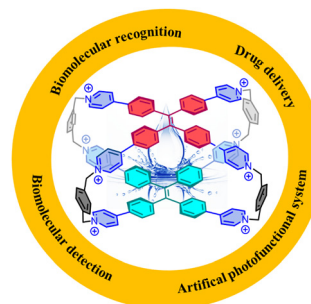
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Recent progress using novel tetraphenylethylene-based macrocyclic hosts in water

Yujie Zhu, Ya Gao, Wanyu Liu, Julius Rebek Jr. and Yang Yu*

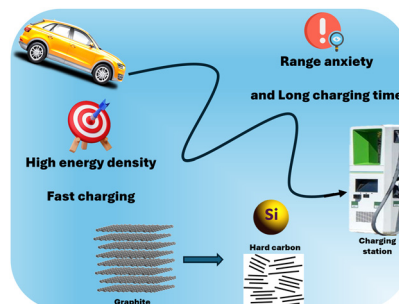


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Advancing lithium-ion battery performance with heteroatom-based anode architectures for fast charging and high capacity

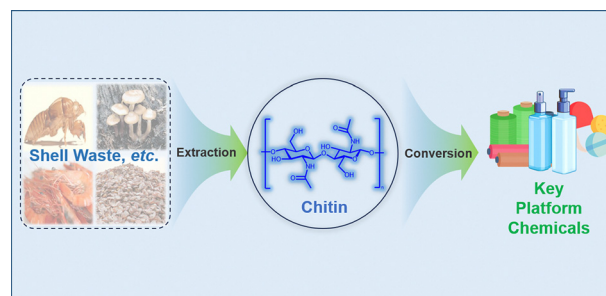
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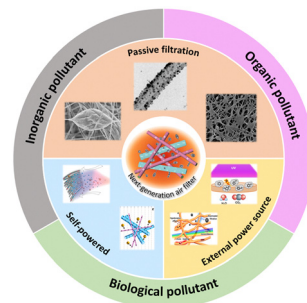
Xinlei Ji, Yichang Lu and Xi Chen*



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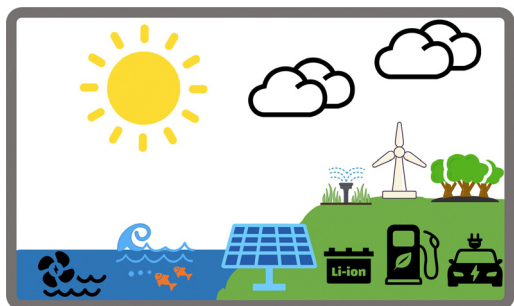
Next-generation air filtration nanotechnology for improved indoor air quality

Hongchan Kim, Junhyuk Oh, Hakbeom Lee, Seongmin Jeong* and Seung Hwan Ko*



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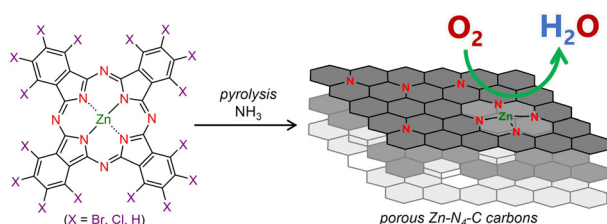


Machine learning for a sustainable energy future

Burcu Oral, Ahmet Coşgun, Aysegul Kiliç, Damla Eroglu, M. Erdem Günay and Ramazan Yıldırım*

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Multihalogenated Zn phthalocyanine as a precursor for porous Zn–N₄–C carbons toward electrocatalytic oxygen reduction

Keisuke Sakamoto, Yasuhiro Shiraishi,* Keisuke Kinoshita, Koki Yoshida, Wataru Hiramatsu and Takayuki Hirai

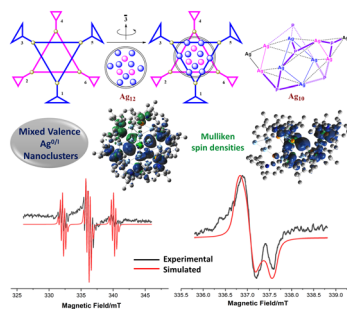
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Maria Francis, Asutosh Patra, Farsana Abdul Salam, Sيريara Jagannatha Prathapa and Sudipta Roy*

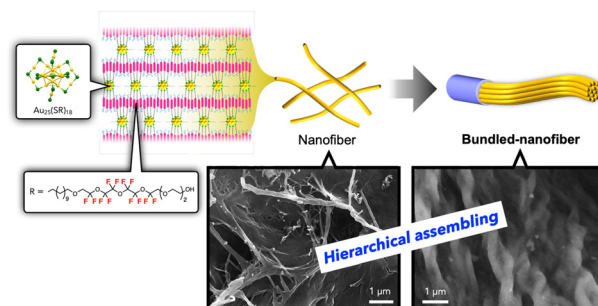


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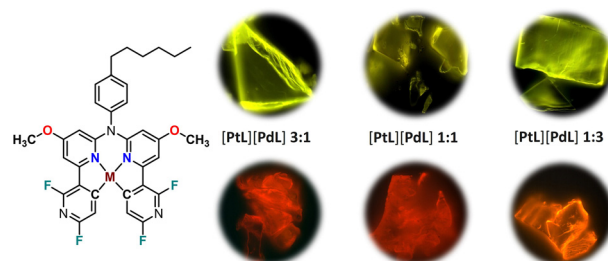
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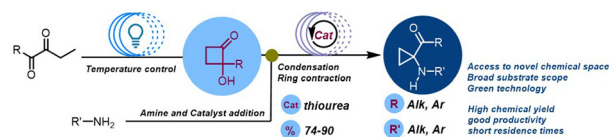
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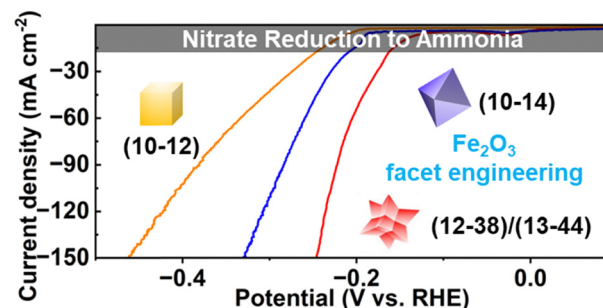
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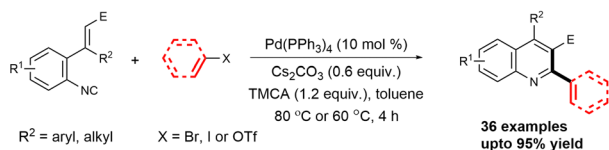
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Yuwei Zhang, Mingyang Xu, Jiaxin Zhou, Fen Yao and Hanfeng Liang*



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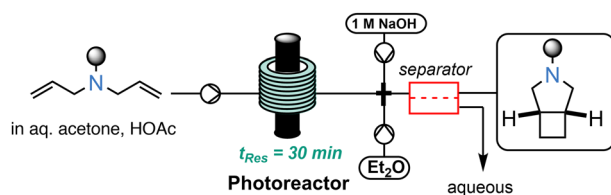


- first palladium-catalyzed intramolecular imidoylative 6-*endo* cyclization
- activation of vinyl C-H bond with imidoypalladium and carboxylate
- rapid assembly of continuously substituted quinolines

Synthesis of continuously substituted quinolines from *o*-alkenyl aromatic isocyanides by palladium-catalyzed intramolecular imidoylative 6-*endo* cyclization

Tuanli Yao,* Wei Liu, Hanfu Hu and Xiangyang Qin*

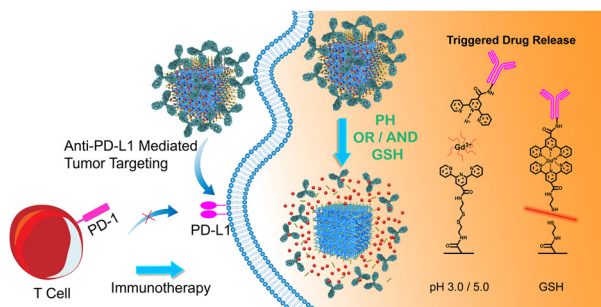
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Metal-free [2+2]-photocycloaddition of unactivated alkenes enabled by continuous flow processing

Diarmuid O'Hanlon, Sharon Davin, Brian Glennon and Marcus Baumann*

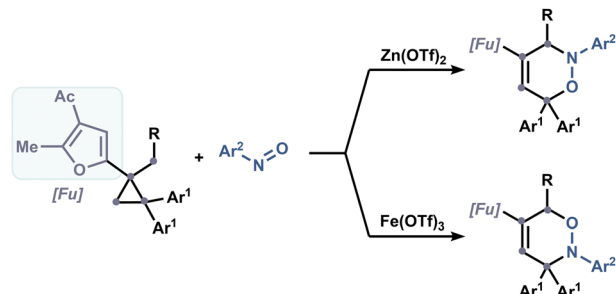
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Xu Han, Jia Chen, Zhihao Cheng and Shengwang Zhou*

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Regiodivergent formal [4+2] cycloaddition of nitrosoarenes with furanyl cyclopropane derivatives as 4 π components

Dario Coto, Sergio Mata, Luis A. López* and Rúben Vicente*

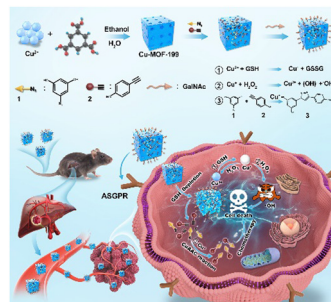


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Cu-MOF-based targeted nanomedicine utilizing biorthogonally catalyzed chemotherapy and chemodynamic therapy with spatiotemporal orchestration to treat hepatocellular carcinoma

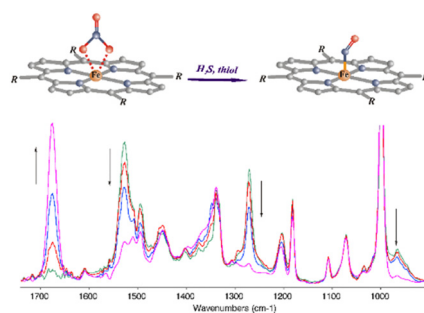
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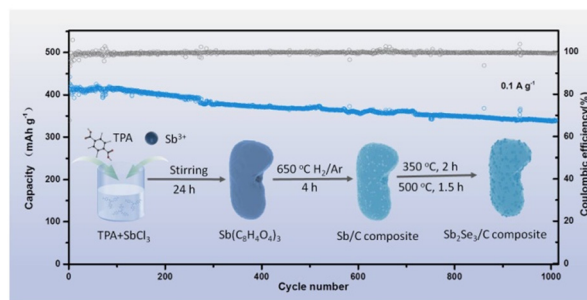
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Uniformly dispersing Sb₂Se₃ nanoparticles in porous carbon as an anode material for enhancing sodium storage capacity

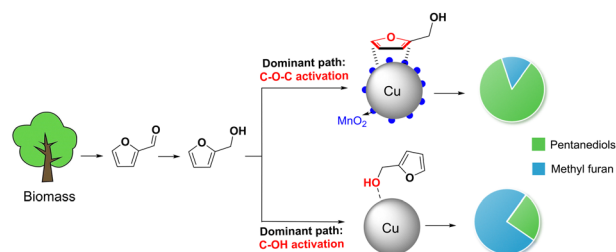
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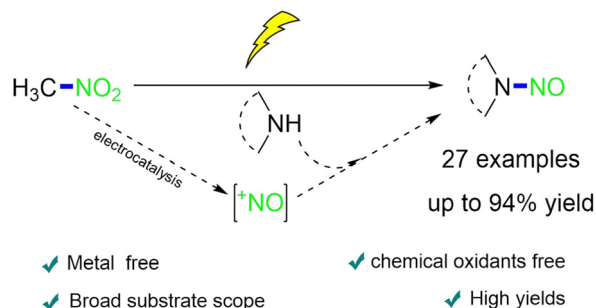
Selectivity promotion of Cu by manganese oxide in hydrogenative ring opening of furfural to pentanediols

Huixiang Li, Huayang Li, Jun Shen, Changhui Liang, Xiaoqiang Zhang, Wei Zhang, Yongxin Li and Z. Conrad Zhang*



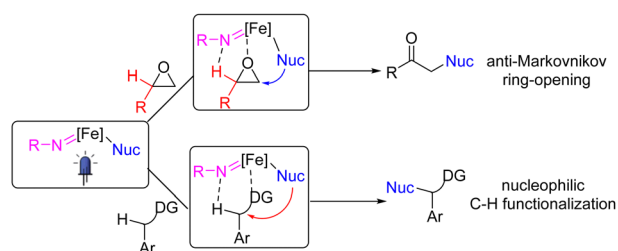
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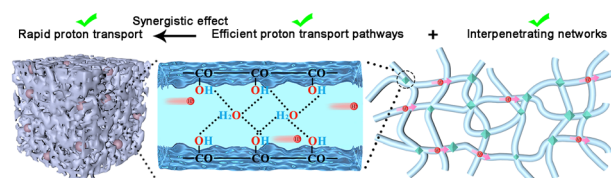
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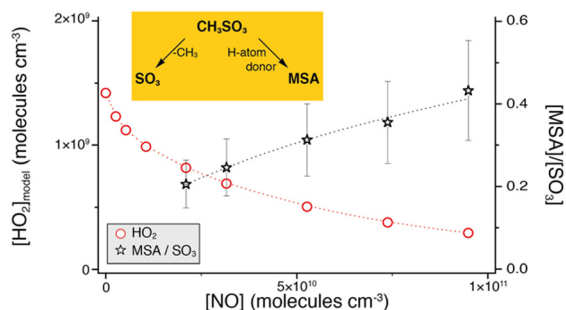
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Torsten Berndt

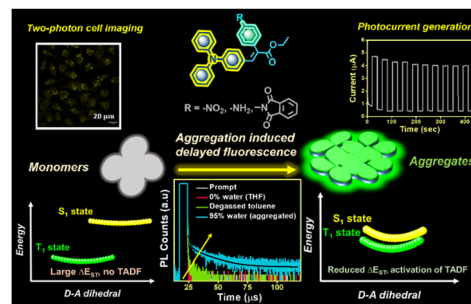


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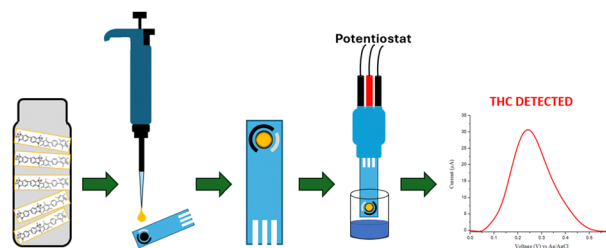
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Anion exchange polymer modified electrodes for detection of Δ^9 -tetrahydrocannabinol (Δ^9 -THC): a potential electrochemical sensor for point-of-care and roadside testing

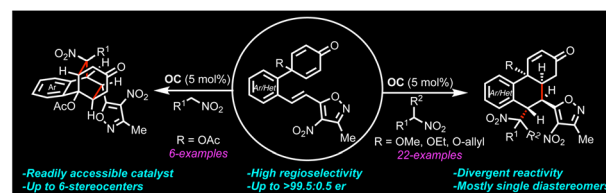
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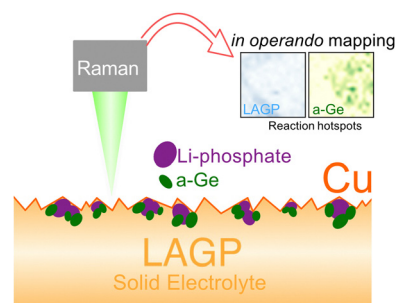
Manisha Sharma and Pankaj Chauhan*



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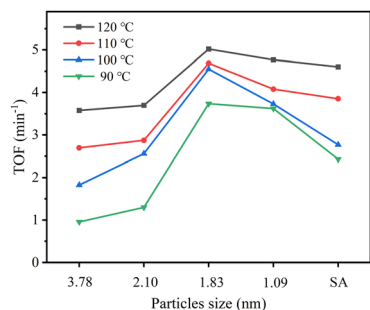
In operando Raman microscopy of the Cu/Li_{1.5}Al_{0.5}Ge_{1.5}(PO₄)₃ solid electrolyte interphase

Ineke Weich, Andrew Dopilka, Johannes Kasnatscheew, Martin Winter and Robert Kostecki*



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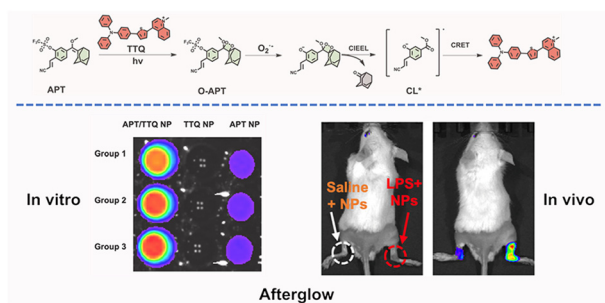
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Jiali Zheng, Zhihui Li,* Dongsheng Zhang, Xinqiang Zhao, Qian Zhao and Yanji Wang*

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Designing superoxide-responsive near-infrared afterglow materials for enhanced arthritis imaging

Shuai Huang, Shuaige Bai, Meihui Liu, Xueyan Huang, Jing Hou, Ting Luo, Yiyang Zhou, Shuang Huang and Wenbin Zeng*

