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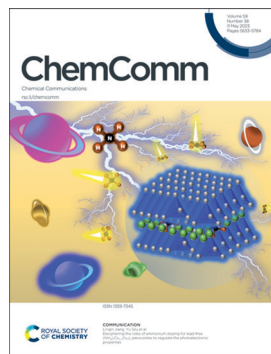
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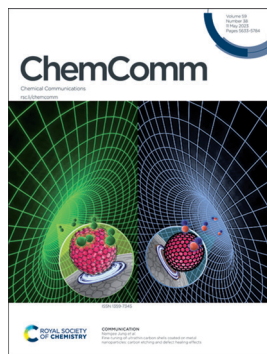
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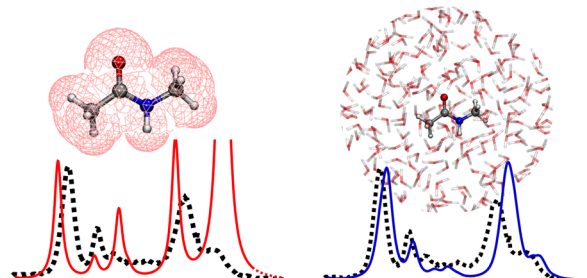
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Continuum vs. atomistic approaches to computational spectroscopy of solvated systems

Tommaso Giovannini and Chiara Cappelli*

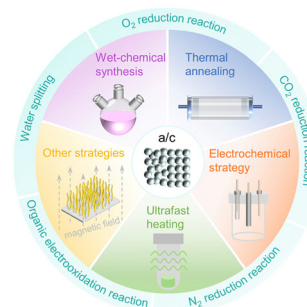
Continuum vs. Atomistic



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Amorphous/crystalline heterophase electrocatalysts: synthesis, applications and perspectives

Zhichao Gong, Jingjing Liu, Gonglan Ye* and Huilong Fei*



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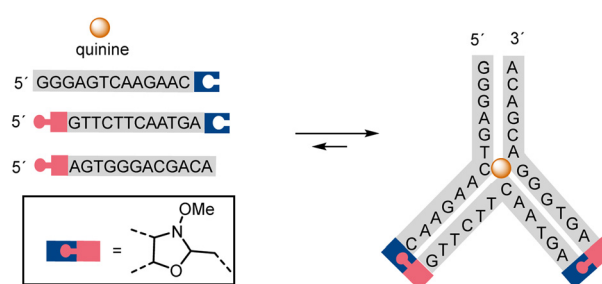
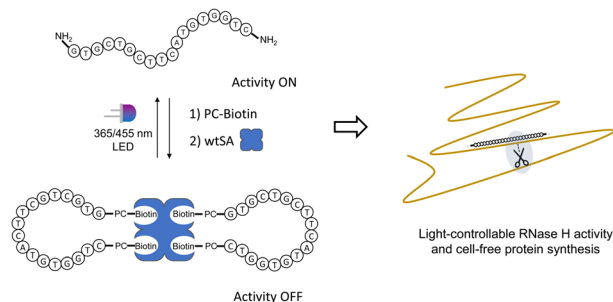
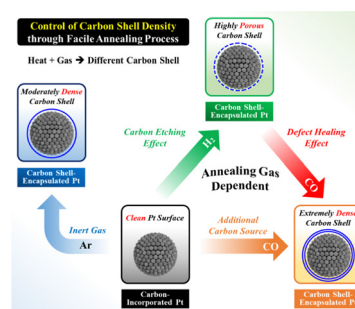
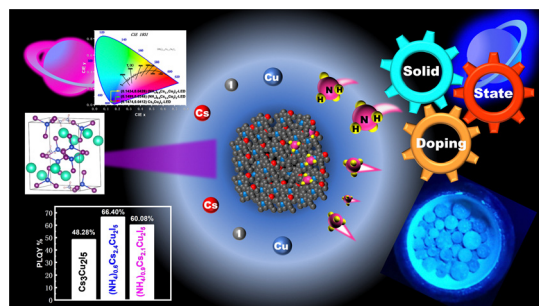
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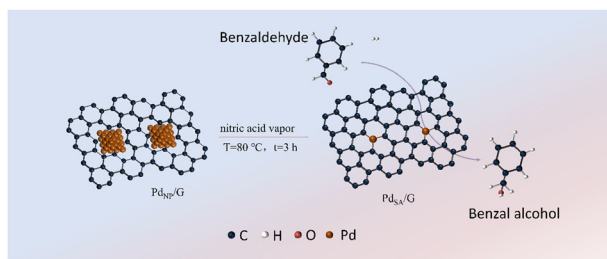
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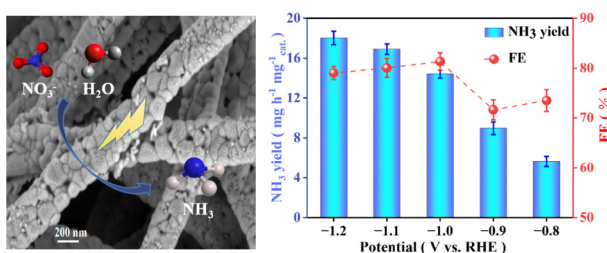
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Palladium single-atom catalysts synthesized by a gas-assisted redispersion strategy for efficient benzaldehyde hydrogenation

Lini Yang, Ling Li, Shuai Qin, Jingwang Zhang, Yue Wang, Xuetao Qin, Xiangbin Cai, Jiangyong Diao and Hongyang Liu*

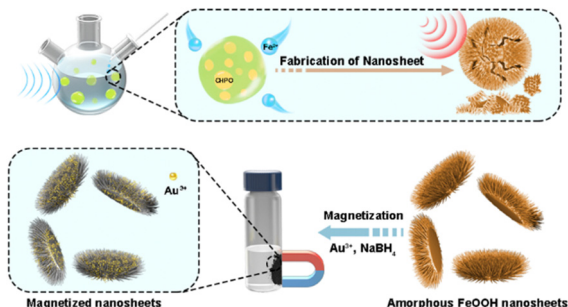
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Efficient electrocatalytic reduction of nitrate to ammonia over fibrous SmCoO₃ under ambient conditions

Peiji Hu, Songjie Hu, Hongting Du, Qian Liu, Haoran Guo,* Ke Ma* and Tingshuai Li*

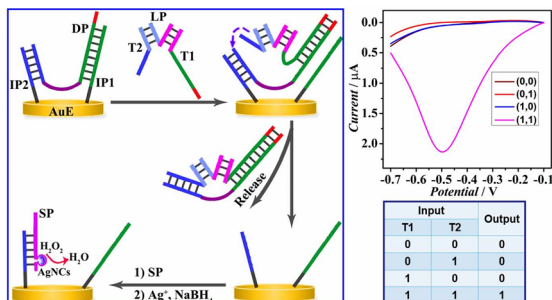
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Magnetization of amorphous FeOOH chrysanthemum-like nanosheets under ambient conditions

Yan Si, Siyu Shi, Jingyun Jing, Yun Bai and Qian Wang*

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An amplified logic gate driven by *in situ* synthesis of silver nanoclusters for identification of biomarkers

Hui Shen, Zhimin Li, Baoting Dou,* Qiumei Feng and Po Wang*

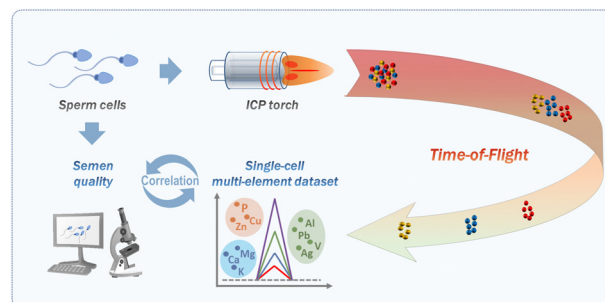


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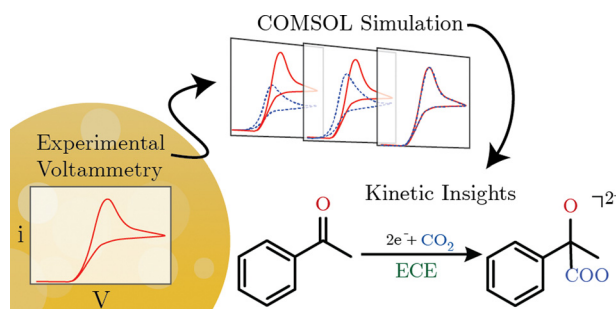
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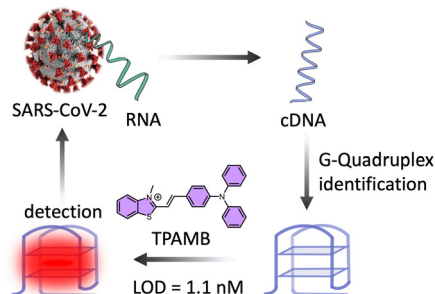
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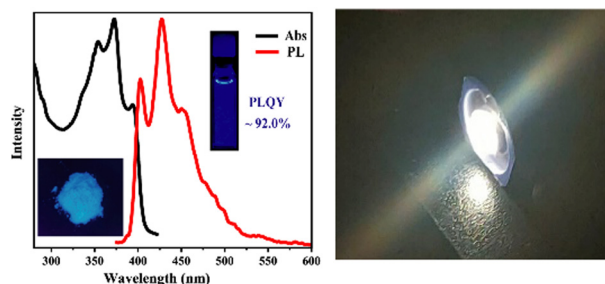
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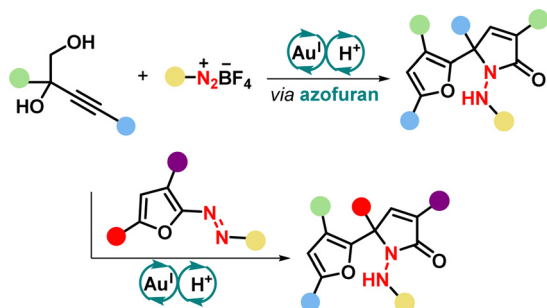
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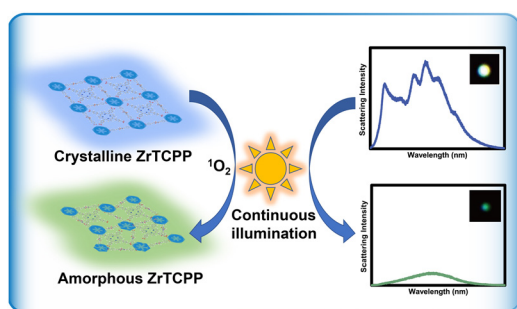


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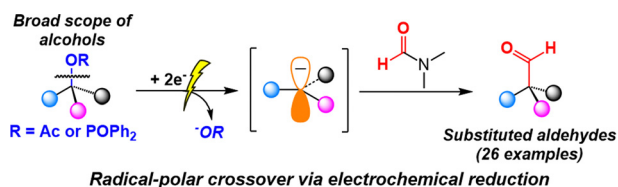
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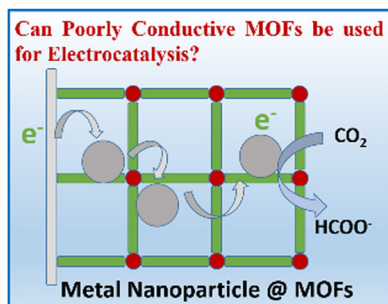
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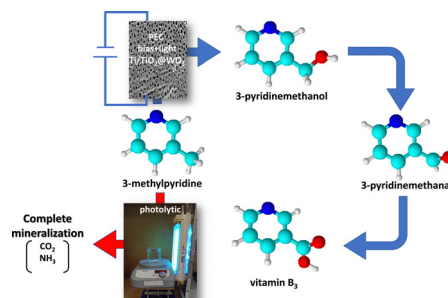
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Selective photoelectrocatalytic oxidation of 3-methylpyridine to vitamin B₃ by WO₃ decorated nanotube-structured TiO₂

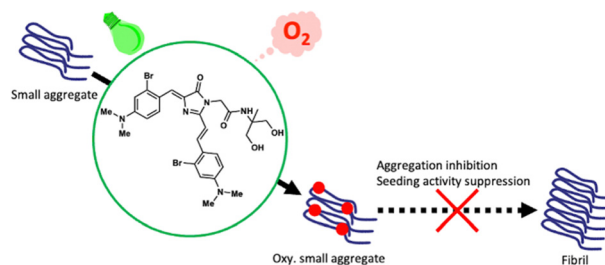
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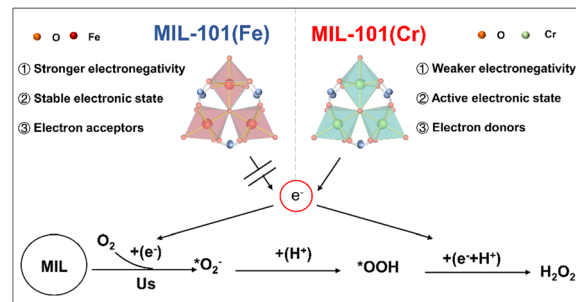
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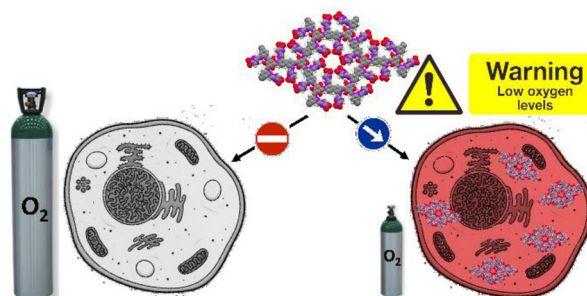
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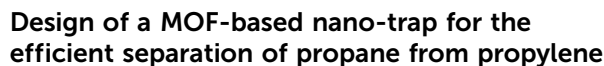


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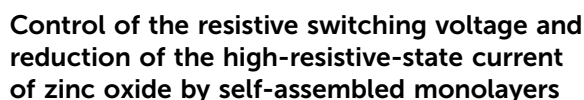
Nitroreductase-sensitive fluorescent covalent organic framework for tumor hypoxia imaging in cells

Tina Skorjanc,* Dinesh Shetty,* Sushil Kumar, Damjan Makuc, Gregor Mali, Janez Volavšek, Martina Bergant Marušič and Matjaz Valant

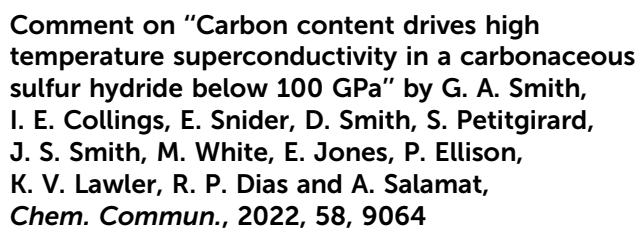




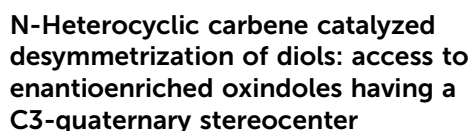
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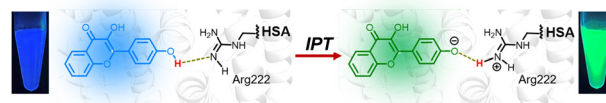
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Intermolecular proton transfer from flavonol to human serum albumin triggers a red-shifted ratiometric fluorescence response

Zhongyong Xu, Mingyuan Zhang, Zihao Chen, Yutian Zhao, Lei Wang, Xiaoqiang Chen, Bin Liu* and Xiaojun Peng



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Intelligent convolution neural network-assisted SERS to realize highly accurate identification of six pathogenic *Vibrio*

Hui Yu, Zhilan Yang, Shiyong Fu, Yuejiao Zhang, Rajapandiyar Panneerselvam, Baoqiang Li, Lin Zhang,* Zehui Chen,* Xin Wang* and Jianfeng Li*

