

Catalysis Science & Technology

A multidisciplinary journal focussing on all fundamental science and technological aspects of catalysis
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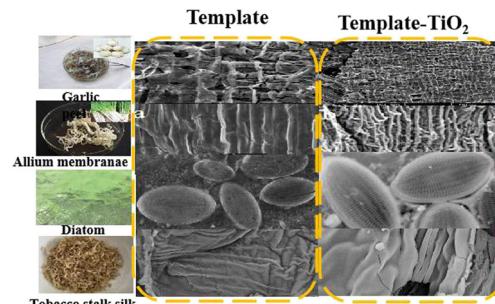
See Edwin K. L. Yeow et al.,
pp. 66–75.
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2024, 14, 66.

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Bitemplated heterostructure materials: opportunities for the elaboration of new photocatalysts and selective-oxidation catalysts

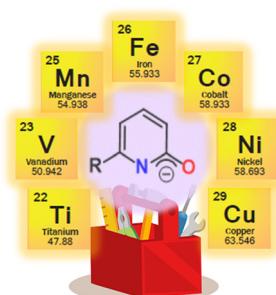
Xiaoqian Ma, Xiaoli Bai, Xiaohong Chen, Chunyan Zhang, Junyang Leng, Anlong Zhang, Daomei Chen and Jiaqiang Wang*



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Andrey Fedulin and Axel Jacobi von Wangelin*



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Elemental answers



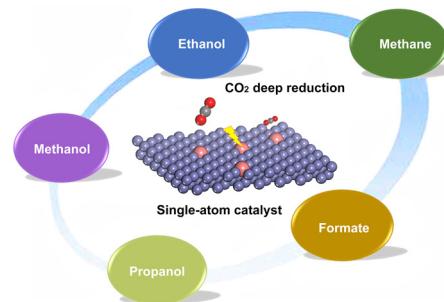
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Strategies for the proton-coupled multi-electron reduction of CO₂ on single-atom catalysts

Zhiyuan Zheng, Yiming Yue, Hongying Zhuo,
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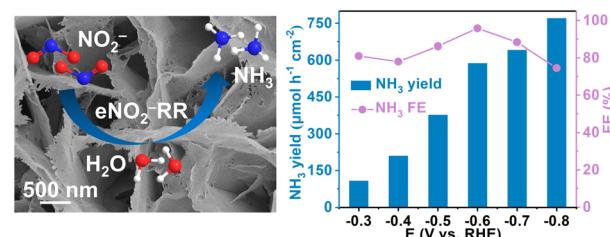


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ZnFe₂O₄ nanosheet array: a highly efficient electrocatalyst for ambient ammonia production via nitrite reduction

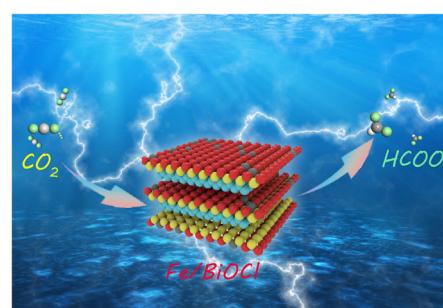
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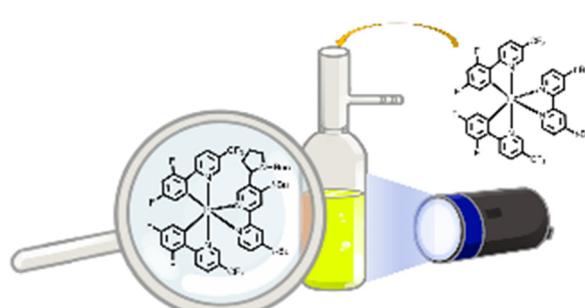


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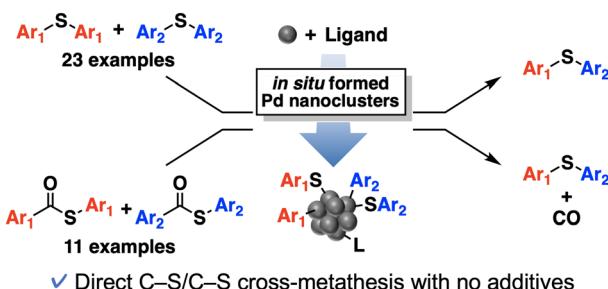
Towards catalytic redox-active iridium polypyridyl complex by *in situ* photosubstitution

Yi Zhen Tan, Xiangyang Wu, Yunpeng Lu,
Shunsuke Chiba and Edwin K. L. Yeow*



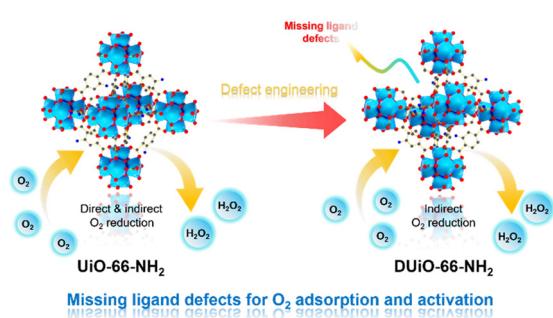
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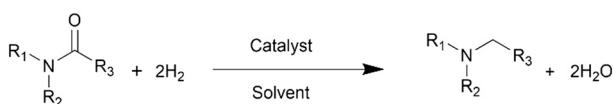
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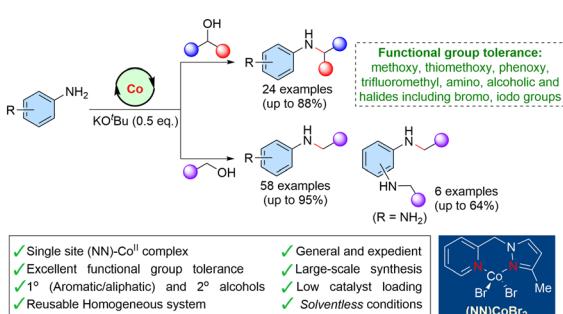
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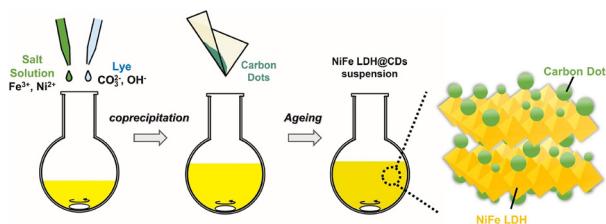


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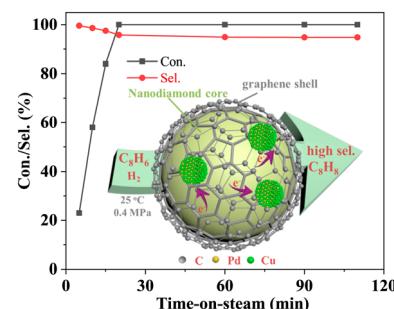
Zi-Ye Liu, Qian-Yu Wang and Ji-Ming Hu*



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Intermetallic PdCu₃ supported on nanodiamond–graphene for semi-hydrogenation of Phenylacetylene

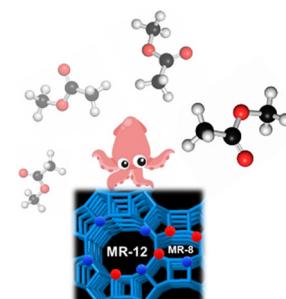
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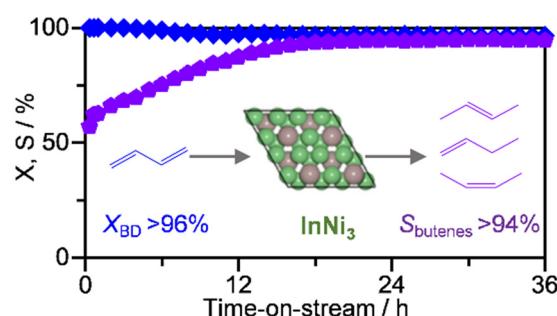
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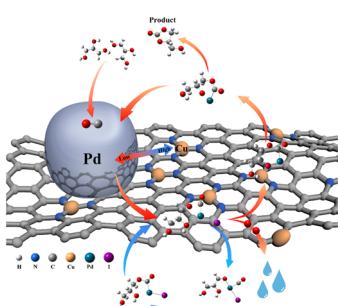
InNi₃C_{0.5}@C-derived InNi₃ alloy as a coke-resistant low-temperature catalyst for selective butadiene hydrogenation

Zhibing Chen, Yali Lv, Xintai Chen, Xiaoling Mou,* Jingwei Li,* Li Yan, Ronghe Lin* and Yunjie Ding*



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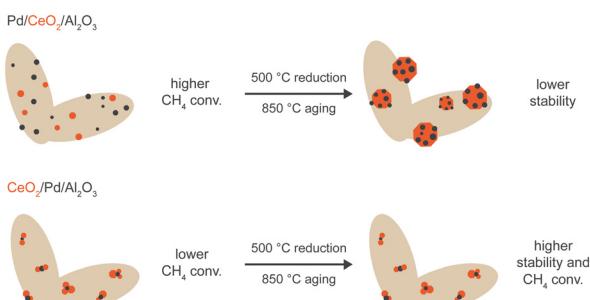
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Efficient synthesis of glycerol carbonate by doping metallic copper in palladium-catalyzed glycerol system for carbonylation reaction

Zhihao Lv, Pengpeng Huang, Pingbo Zhang,*
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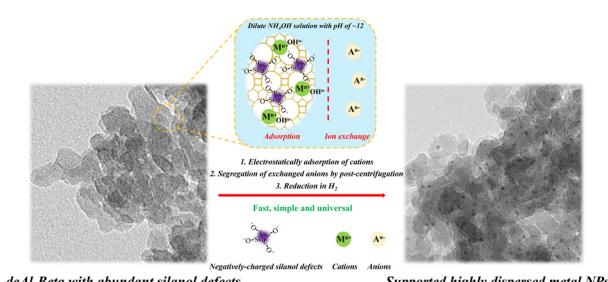
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Anil C. Banerjee,* Laura Proaño, Alexis Alvarez, Imani Rogers, Jihyeon Park, Maddison Montgomery, Mehmet Z. Billor, Bert M. Weckhuysen and Matteo Monai*

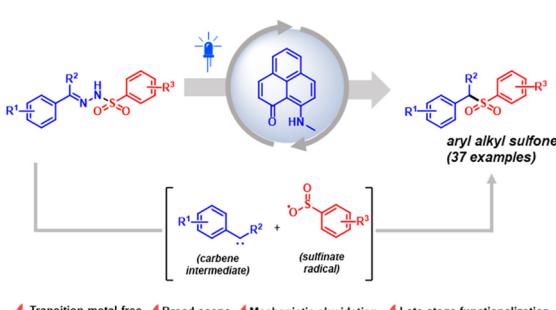
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Shiv Kumar, Paramita Datta, Anup Bhunia* and Swadhin K. Mandal*

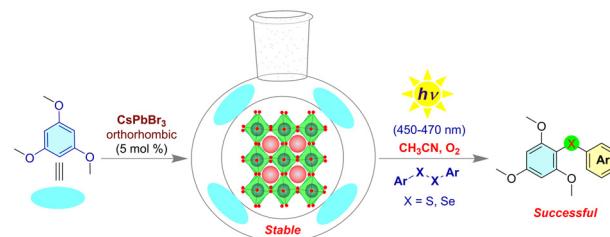


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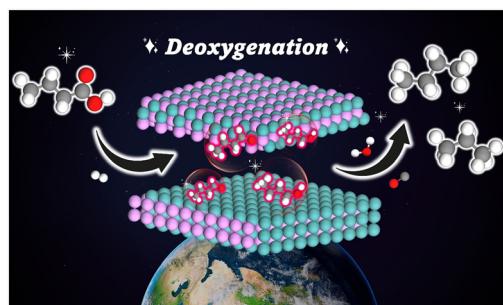
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