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See Michal Szostak, Elwira Bisz *et al.*, pp. 6651–6659.
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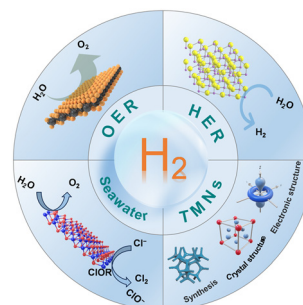
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See Joaquín López Serrano, Antonio Pizzano *et al.*, pp. 6666–6677.
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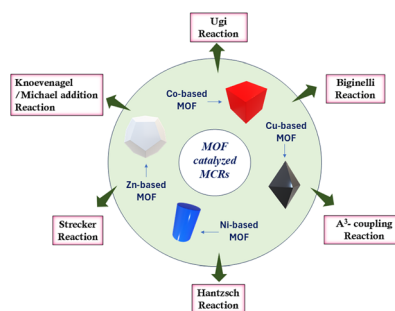
Hong Qin and Gongbing Zhou*



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Mehak Khurana and Satish Kumar Awasthi*



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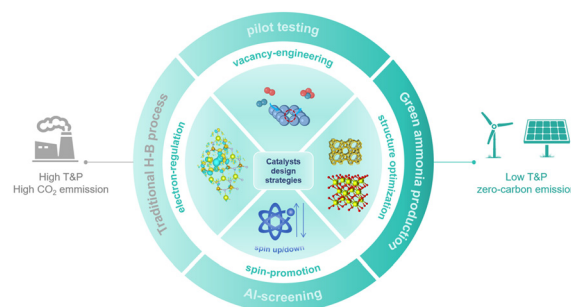


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Progress in the catalyst design and mechanistic elucidation of the thermocatalytic production of green ammonia

Yixiao Lin, Xingqi Li, Wei Mao, Jiabao Lv, Ang Cao, Lujie Liu, Angjian Wu* and Jianhua Yan*

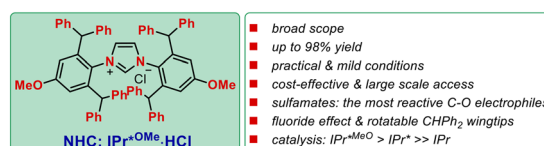


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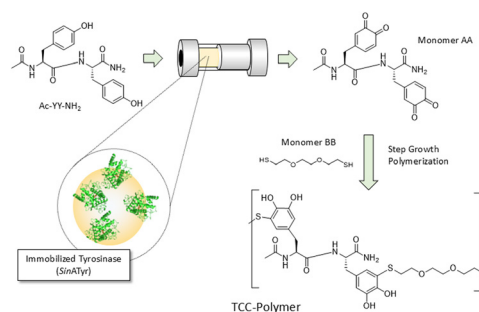
Marlena Kardela, Michal Szostak* and Elwira Bisz*



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Stefan Reinicke,* Verena Jentzen, Felix Panis, Matthias Pretzler, Keven Walter, Ulrich Glebe and Annette Rompel

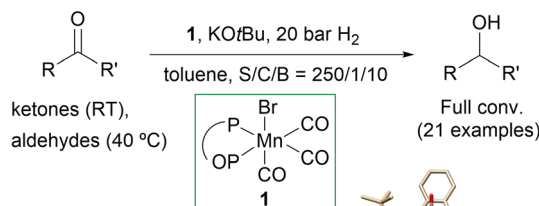


PAPERS

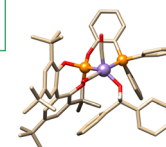
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Non-bifunctional Mn catalysts based on phosphine-phosphites for the hydrogenation of carbonyl substrates

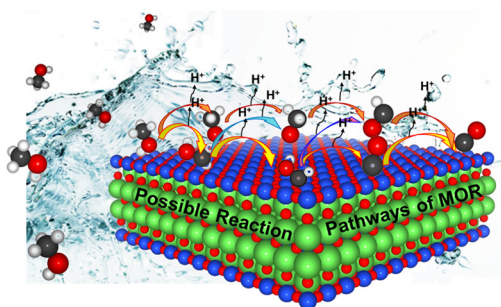
Verónica Jiménez, Carmen González, Joaquín López Serrano,* Francisco Fernández de Córdova and Antonio Pizzano*



Mechanism: Non-bifunctional, inner sphere, very stable alkoxide



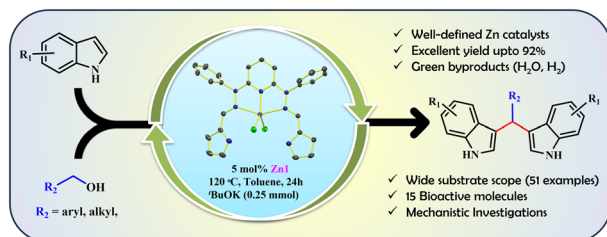
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Studies on the electrochemical oxidation of methanol using La_2MO_4 ($M = \text{Ni, Cu and Zn}$) catalysts

Pooja, Ravinder Pawar* and Venkatesan Subramanian*

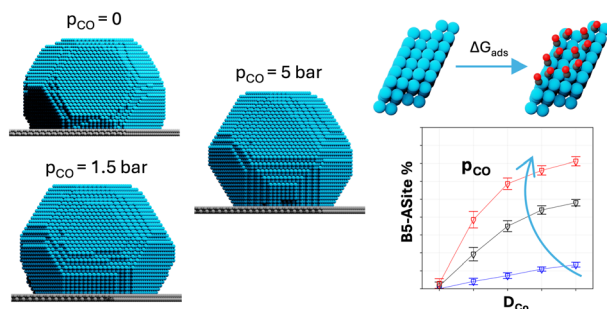
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Well-defined zinc(II) catalysts for sustainable synthesis of bis(indolyl)methanes via the activation of aromatic and aliphatic alcohols

Rahul Chauhan, Prashant Kukreti, Keshav Sharma, Ovender Singh and Kaushik Ghosh*

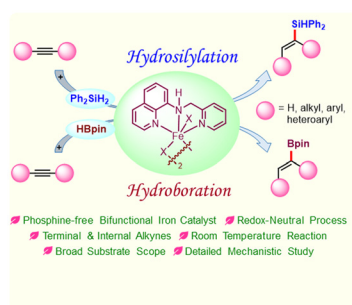
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Enrico Sireci, Tilman D. Gröger, Philipp N. Plessow, Dmitry I. Sharapa and Felix Studt*

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syn-Selective hydrosilylation and hydroboration of alkynes at room temperature catalyzed by a phosphine-free (NNN)Fe(II) complex

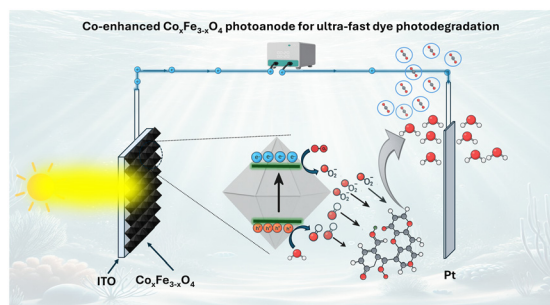
Chandini Pradhan, Shivansh Dubey, Pragnya Paramita Samal, Sailaja Krishnamurty and Benudhar Punji*



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Cobalt-enhanced $\text{Co}_x\text{Fe}_{3-x}\text{O}_4$ photoanode for ultrafast photoelectrodegradation of organic dyes with integrated RSM optimization

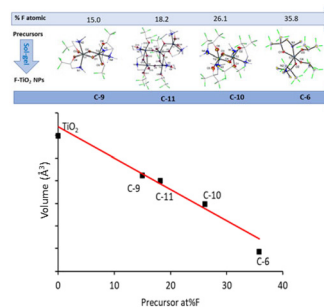
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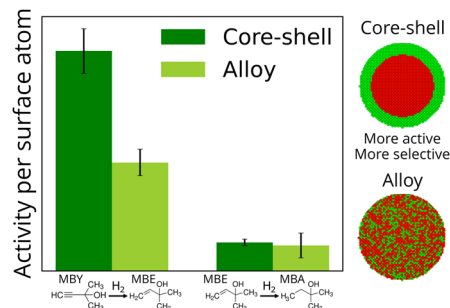
Fouad Elgayar, Erwann Jeanneau, Pascal Bargiela, Adel Mesbah, Nadine Essayem* and Shashank Mishra*



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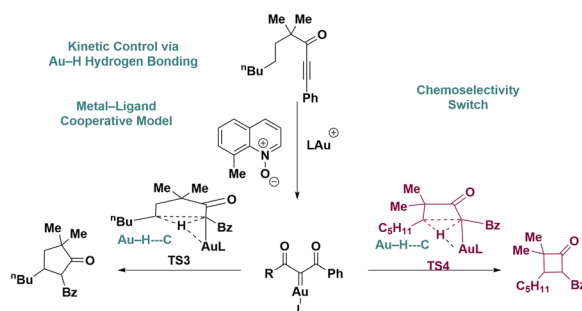
Marta Perxés Perich, Kristiaan H. Helfferich, Petra E. de Jongh and Jessi E. S. van der Hoeven*



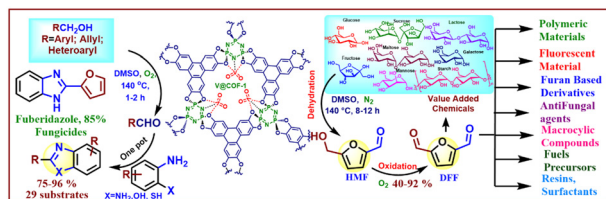
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Beyond ring strain: Au–H hydrogen bonding dictates chemo-selectivity in gold-catalyzed $\text{C}(\text{sp}^3)\text{--H}$ insertions to cyclobutanones and cyclopentanones

Yunhe Li,* Rui Jin, Jinmei Qian, Ke Chu and Ruiyu Liu



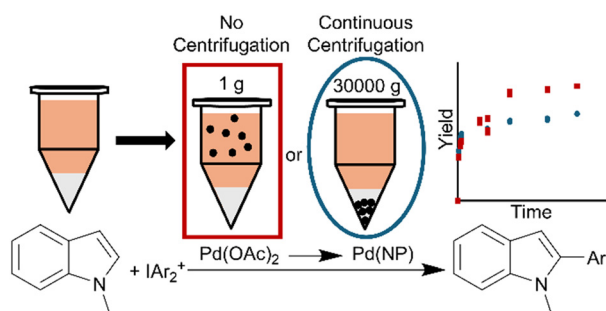
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Vanadium oxide-doped phosphazene-based covalent organic framework: a sustainable catalyst for 2,5-diformylfuran (DFF) and benzoazole synthesis

Saravanan Saranya, Pandey Snehakumari, Parayanchalil Anjana, Rajendran Aarthi, C. K. Ridha Faizal and Seenuvasan Vedachalam*

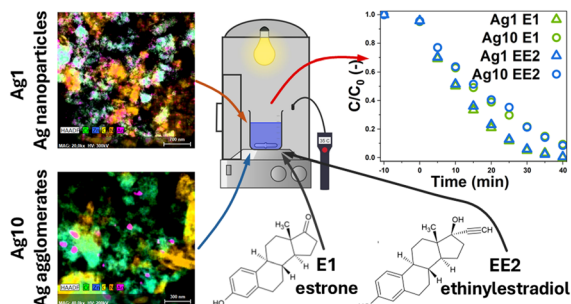
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Brett T. Nunley, Bo J. Petrich, Riley J. McGraw, Peyton D. Schuldheiss, Griffin B. Cooper, Ying Bao and Margaret L. Scheuermann*

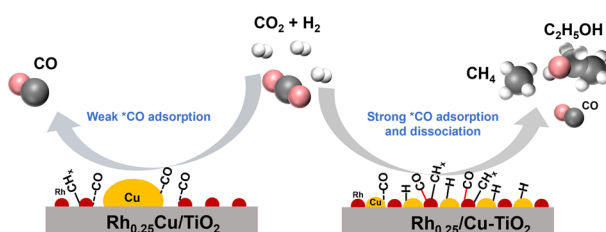
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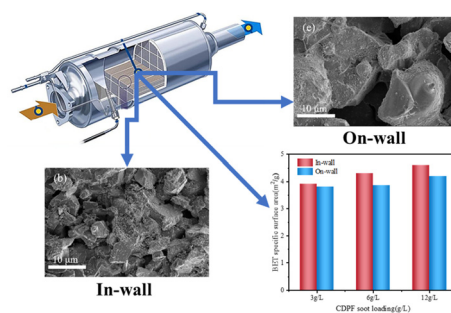
Wanyuan Zhang, Jinyan Zhang, Zongliang Kou,* Feng Zeng and Huanhao Chen*



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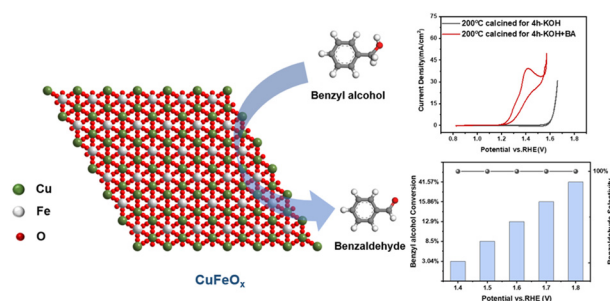
Yunhua Zhang,* Yaoxin Xu, Sen Zheng, Diming Lou and Liang Fang



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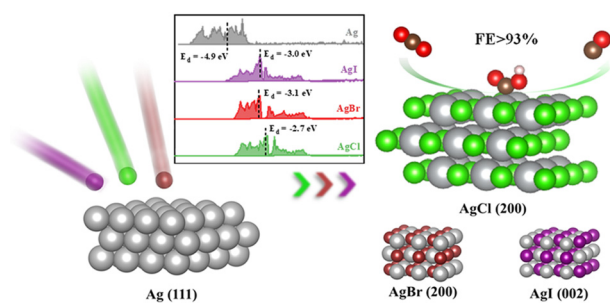
Yingjie Mei, Linbo Jin, Zhouqing Gu, Xiaoming Sun and Daojin Zhou*



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Silver-halogen coordination tuned the electronic structure for enhanced CO₂ reduction

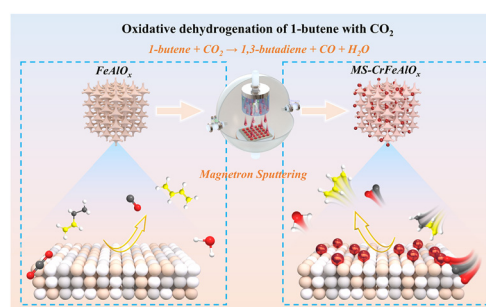
Sizhuo Chen, Haoyu Wang, Zhuoyang Fang, Shuang Song, Jie Gao* and Weiting Yu*



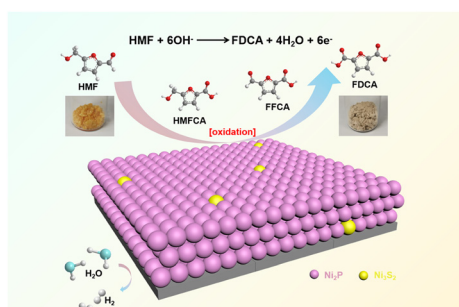
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Weakening Fe–O bonds through magnetron sputtering technology to enhance the catalytic performance for the oxidative dehydrogenation of 1-butene with CO₂

Xiaoshuai Gao, Li Qiang, Xiaosheng Huang, Fang Dong, Weigao Han,* Qiuye Li* and Zhicheng Tang*



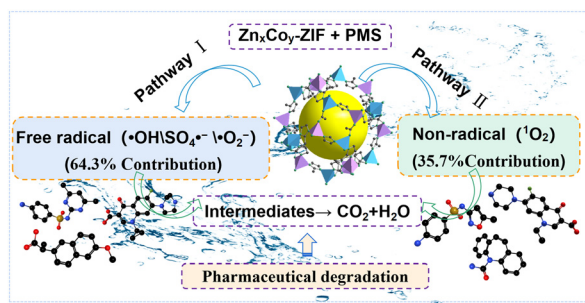
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Wei Wang, Wenyi Chen, Yanmi Lin, Xinshu Ji, Chenming Fan,* Pengyi Tang* and Min Wang*

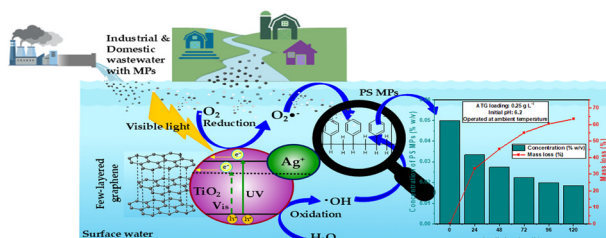
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Enhanced activation of peroxydisulfate by multivariate $\text{Zn}_x\text{Co}_y\text{-ZIF}$ for efficient pharmaceutical degradation in water

Yunyun Li,* Wei Qiu, Dingyi Zhang and Yi Wen

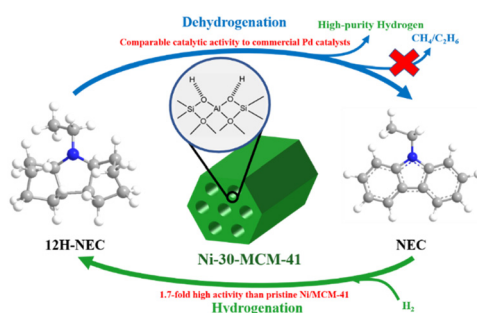
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Bhagyalakshmi Chinnam and Ramya Araga*

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Acid-modulated Ni/MCM-41 catalysts enhance metal–support interactions for efficient perhydro-*N*-ethylcarbazole-based hydrogen storage and effective impurity gas suppression

Huijie Wei, Yixuan Zhang, Zhengjian Hou,* Jianhua Wang, Deyuan Mao, Han Hu, Yanyan Xi and Xufeng Lin*

