

Catalysis Science & Technology

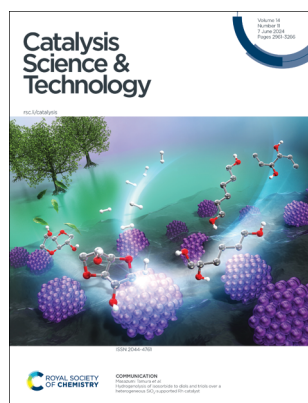
A multidisciplinary journal focussing on all fundamental science and technological aspects of catalysis

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See Masazumi Tamura *et al.*, pp. 3001–3006.
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Introduction to integrated approaches for methane activation

Ken-ichi Shimizu, Wataru Ueda* and Hua Song

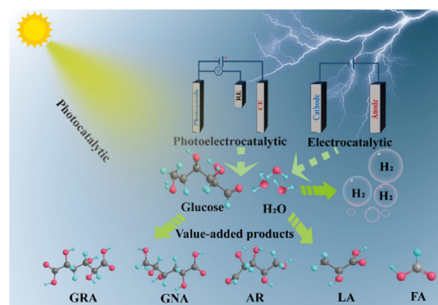


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Photo-, electro-, and photoelectro-catalytic conversion of glucose into high value-added products

Kang Lu, Yunfei Zhang, Yi Shen* and Hongying Li



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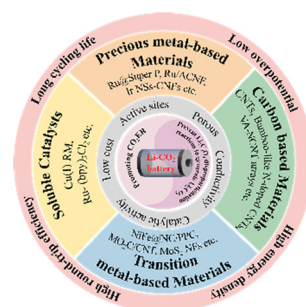


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Juan Wang, Senlin Tian, Yang Lin, Haoran Song, Ningning Feng,* Gang Yang and Qun Zhao*

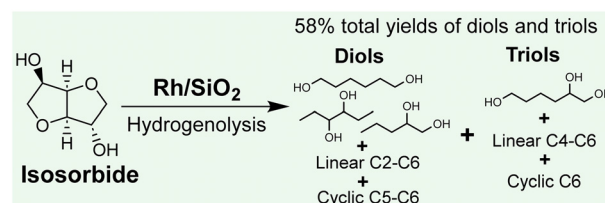


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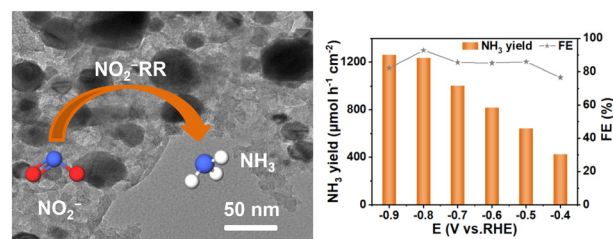
Pengru Chen, Wataru Onodera, Masato Akatsuka, Yusuke Kita and Masazumi Tamura*



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Chengliang Ma, Li Bao, Xiaoya Fan, Xun He, Xuwei Liu, Wei Chu, Asmaa Farouk, Mohamed S. Hamdy, Shengjun Sun, Quan Li,* Min Wu* and Xuping Sun*

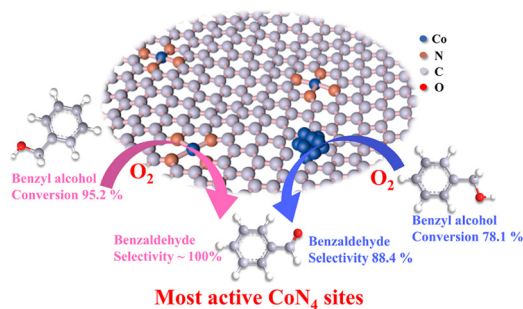


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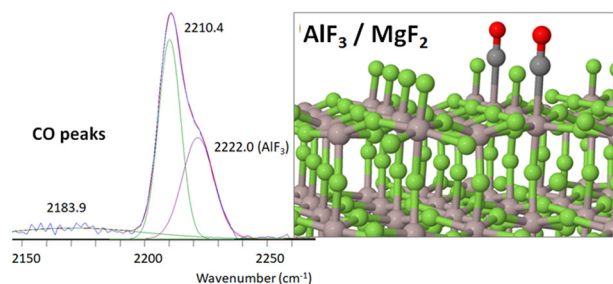
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Fan Xue, Yanle Li, Jingyue Bi, Shangpu Zhuang, Mifen Cui, Zhaoyang Fei,* Ziqi Tian* and Xu Qiao*



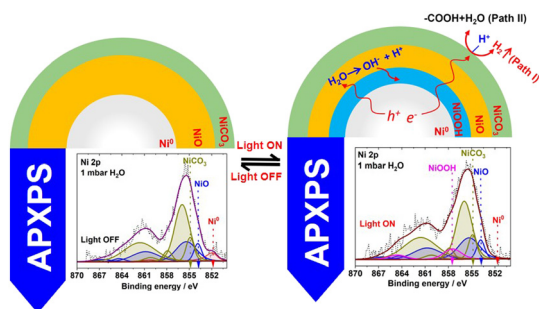
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A. Impellizzeri, J. Dieu, J. Rousseau, S. Brunet* and C. P. Ewels*

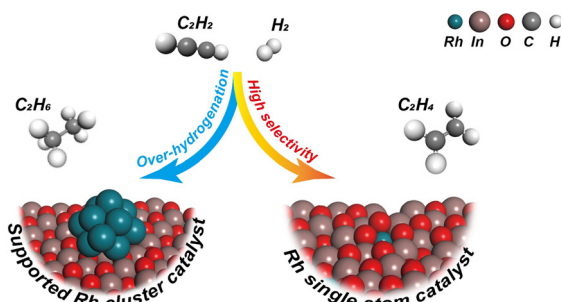
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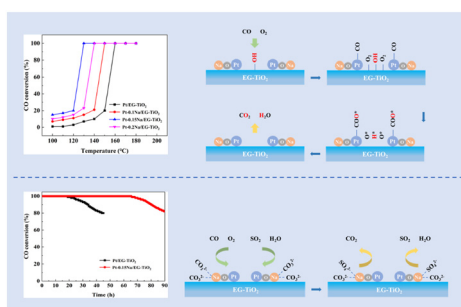
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Kaihang Sun, Rui Zou, Chenyang Shen and Chang-jun Liu*

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Hongtai Zhu, Wenge Qiu,* Rui Wu, Kai Li and Hong He*

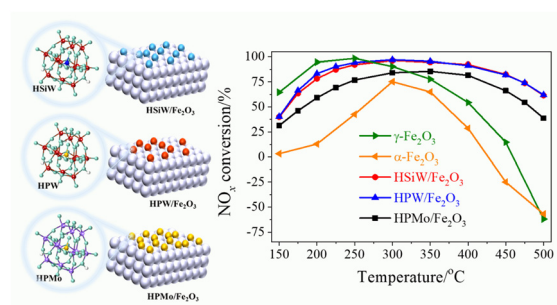


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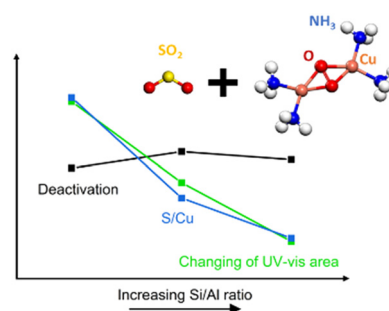
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Synthesis of a new 1,2,3-triazoles scaffold using a heterogeneous multifunctional copper photocatalyst for *in vitro* investigation via click reaction

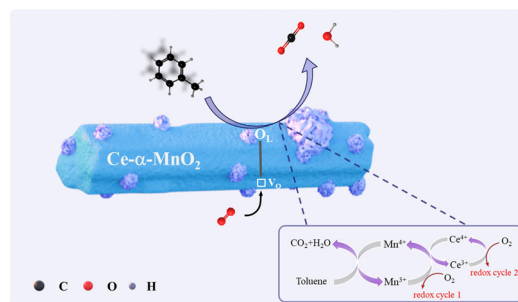
Abolfazl Mohammadkhani, Samanesadat Hosseini, Seied Ali Pourmousavi,* Akbar Heydari* and Mohammad Mahdavi



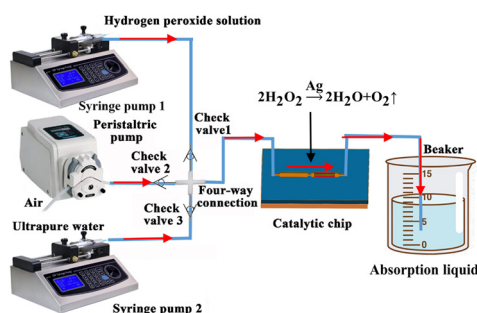
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Enhanced catalytic performance for toluene combustion via Ce-doped α-MnO₂: efficient balance between toluene adsorption and activation oxidation

Yongli Dong, Shuo Li, Chaoqun Chen, Weina Song,* Xinglong Li, Fan Wang, Lina Ma, Xiaotong Wang and Wei Li*



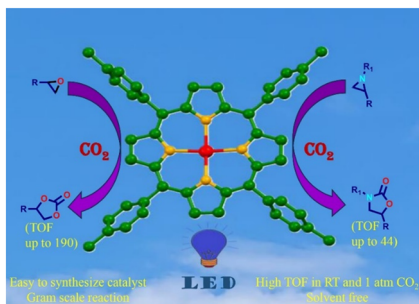
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Reaction rate and thermal effects of hydrogen peroxide decomposition in microfluidic chips containing channel-type silver catalysts

Yong Yang, Yinghua Ye, Peng Zhu, Wei Zhang and Ruiqi Shen*

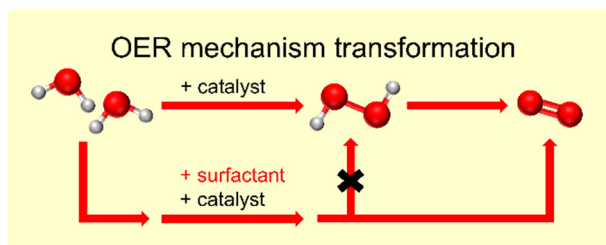
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Sushanta Kumar Meher, Prakash Nayak, Sasmita Dhala, Swetapadma Tripathy and Krishnan Venkatasubbaiah*

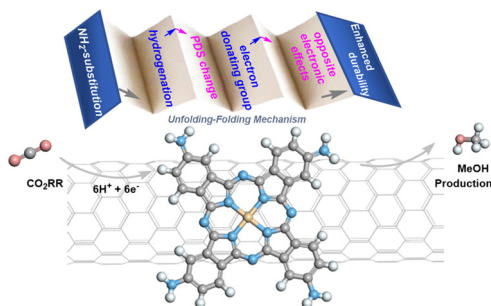
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Blocking the bimolecular pathway of water oxidation electrocatalyzed by copper porphyrin with a surfactant

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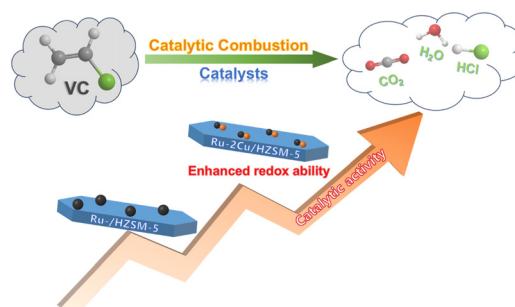
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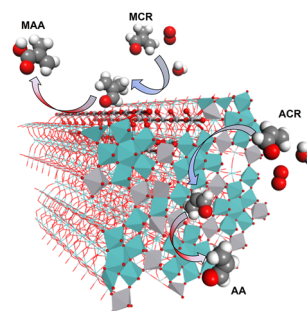
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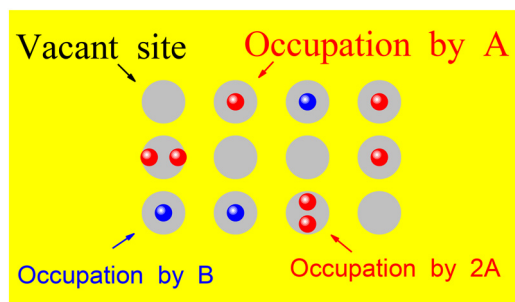
Satoshi Ishikawa,* Nagisa Noda, Kosuke Shimoda, Toru Murayama and Wataru Ueda*



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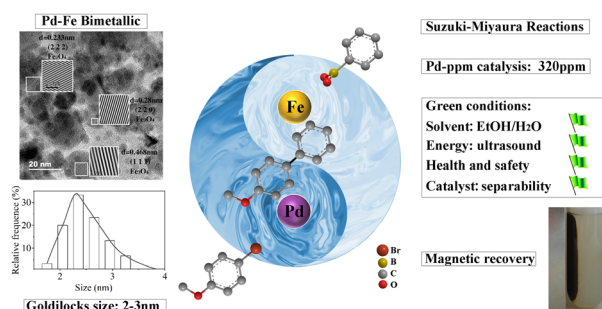
Vladimir P. Zhdanov*



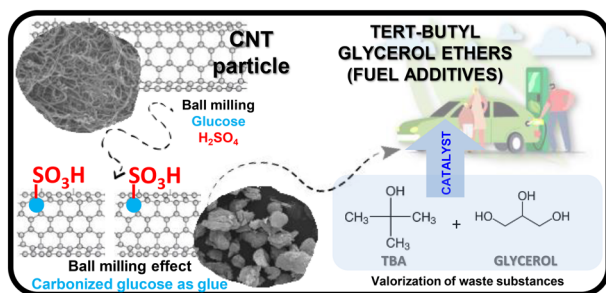
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Magnetic Pd-Fe nanoparticles for sustainable Suzuki-Miyaura cross-coupling reactions

Zhuangli Zhu,* Sanqi Liang, Huaming Sun, Weiqiang Zhang,* Jianming Yang* and Ziwei Gao*



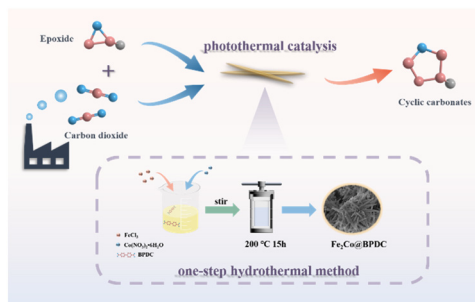
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Karolina Ptasińska,* Katarzyna Morawa Eblagon,*
 Anna Malaika, José Luís Figueiredo
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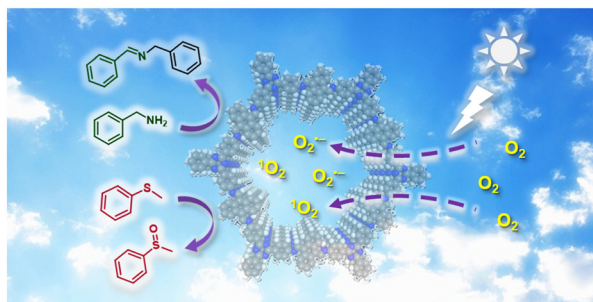
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Bimetallic Fe/Co photothermal catalyst for fixing CO_2 to cyclic carbonates under atmospheric pressure

Xuewei Tu, Can Sun, Yang Hu, Yutong Chen,
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 and Hui Zheng*

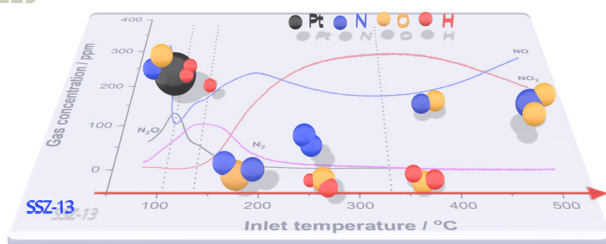
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Yiqiong Liu, Zehao Zhao, Wenshuo Xu
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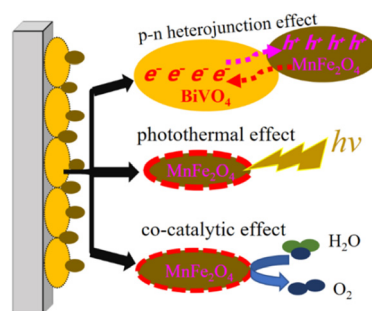
Jieling Shao, Phuoc Hoang Ho, Wei Di, Derek Creaser
 and Louise Olsson*



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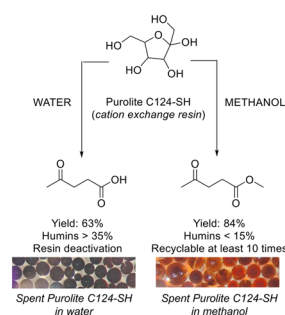
Guoqiang Shen, Haijiao Lu* and Hao Chen*



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Aymeric Beaurepaire, Justine Bodin, Delphine Dufour, Quentin Blancart Remaury, Stanislas Baudouin, Karine de Oliveira Vigier and François Jérôme*



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Active site for syngas production by direct partial oxidation of CH_4 over ZrO_2

Kazumasa Murata,* Keita Arai, Nao Kondo, Ryo Manabe, Takashi Yumura and Saburo Hosokawa*

