

Catalysis Science & Technology

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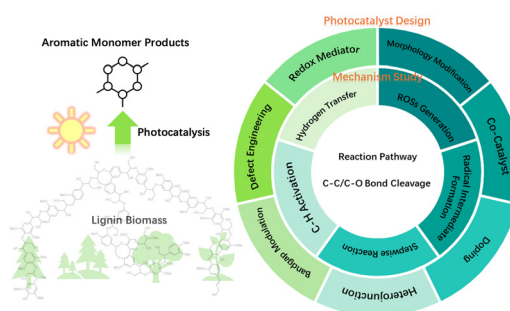
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See Lu Shin Wong *et al.*,
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A mini review on photocatalytic lignin conversion into monomeric aromatic compounds

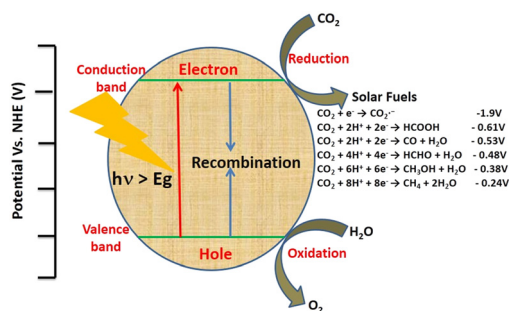
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Rajesh Sahu,* Tarun Patodia, Sakshi Juyal,
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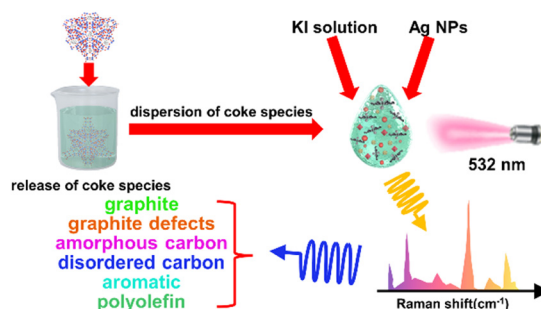


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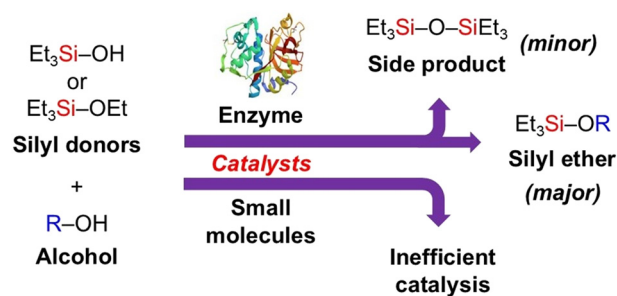


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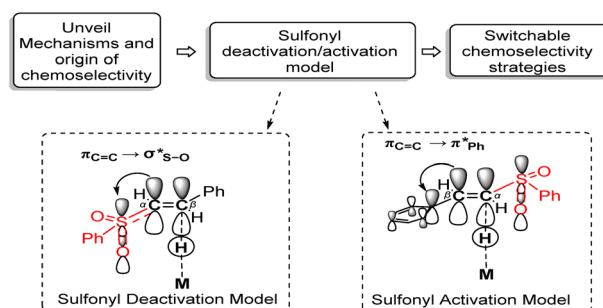
Chisom S. Egedezu, Peter G. Taylor and Lu Shin Wong*



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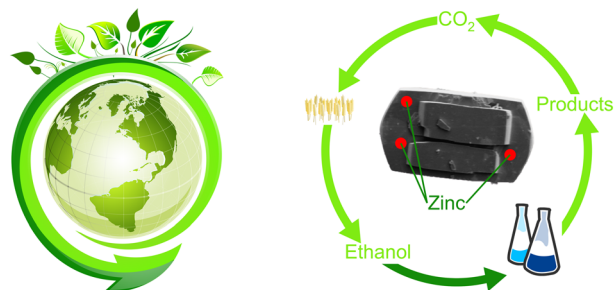
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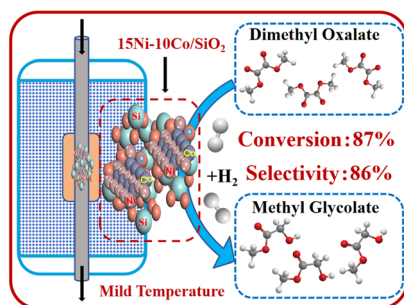
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Higher BTEX aromatic yield from ethanol over desilicated H,Zn-[Al]ZSM-5 catalysts

Daniel Dittmann, Alime Ileri, Dennis Strassheim and Michael Dyballa*



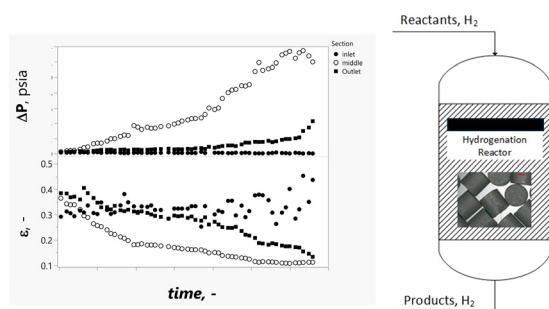
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Donghui Xiao, Shilong Xie, Xin Gao,* Riguang Zhang and Chun-Ran Chang*

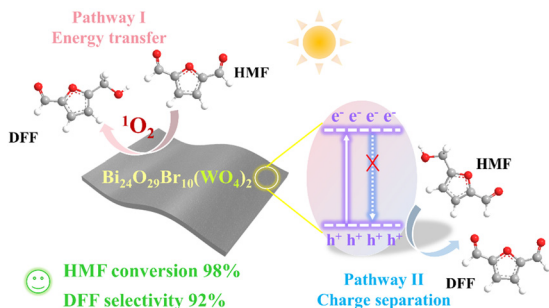
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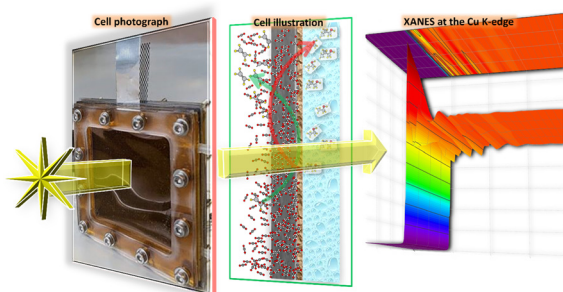
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Efficient photocatalytic selective oxidation of 5-hydroxymethylfurfural on Bi₂₄O₂₉Br₁₀(WO₄)₂ solid solution via enhanced charge separation

Yingxin Guo, Ming Gong, Xin Xu, Yuming Dong* and Guangli Wang

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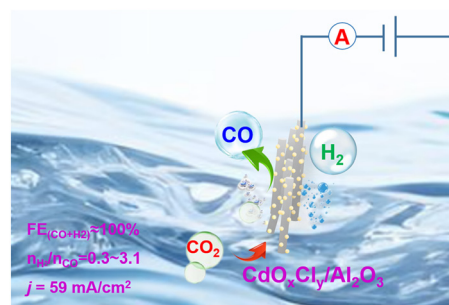
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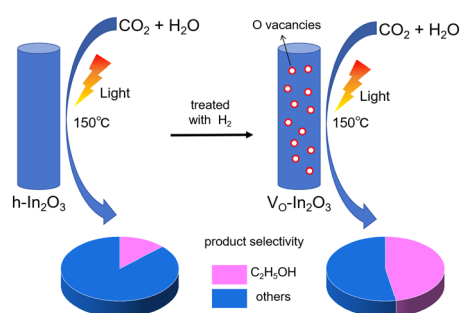
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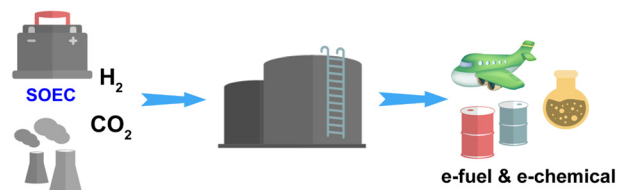
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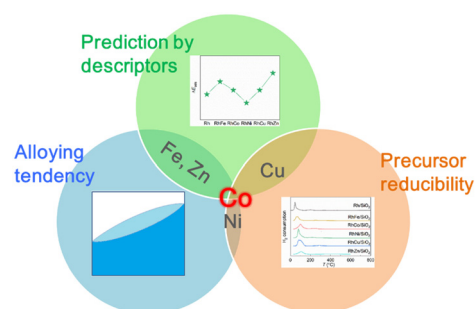
Shican Jiang, Zuozheng Liu and Abhishek Dutta Chowdhury*



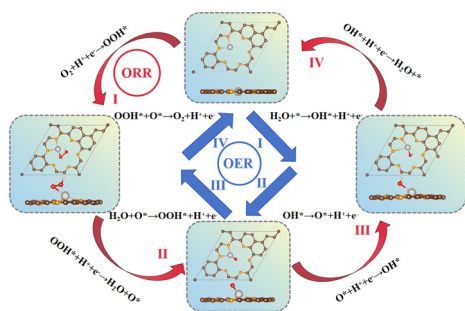
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Designing a Rh-based bimetallic catalyst for heterogeneous ethylene hydroformylation: combining theoretical predictions and experimental screening

Ning Huang, Yue Ma, Boyang Liu, Letong Yang, Xiaocheng Lan, Xiaodong Wu* and Tiefeng Wang*



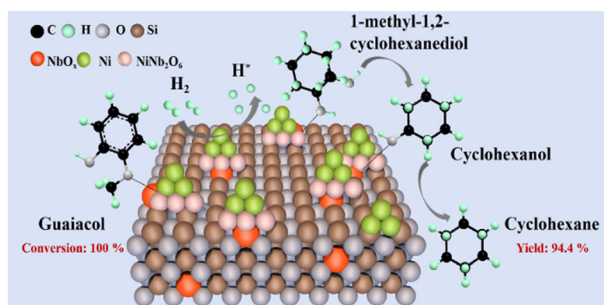
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Transition metal atoms embedded in monolayer $C_{13}N_3$ as OER/ORR bifunctional electrocatalysts

Xiaoxue Yu, Junkai Xu, Yunhao Wang, Jianjun Fang,*
Xianfang Yue,* Breno R. L. Galvão* and Jing Li*

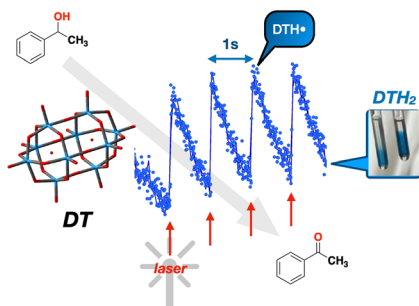
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The promoting effect of Nb on Ni/SiO₂ in the hydrodeoxygenation of lignin derivatives to cycloalkanes

Xiyue Lu, Hui Wang, Wei Liu, Moeez ur Rehman,
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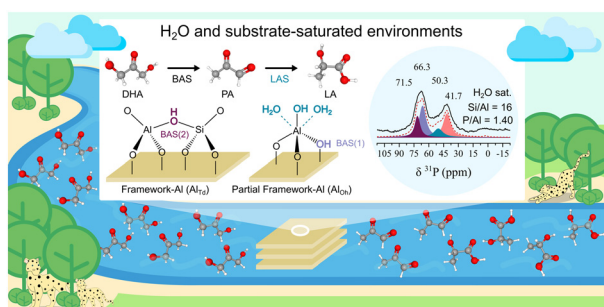
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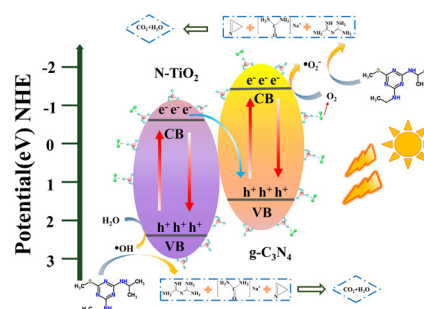
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Phosphate modulated nitrogen-doped titanium dioxide/carbon nitride heterogeneous photocatalysts with efficient O₂ activation for ametryn degradation

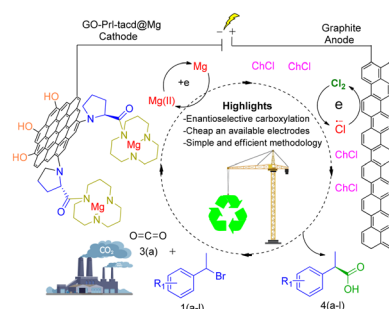
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Designing a reusable chiral SPE electrode with Mg nanoparticles on graphene oxide for efficient enantioselective Grignard carboxylation of (1-bromoethyl)benzenes in a deep eutectic solvent

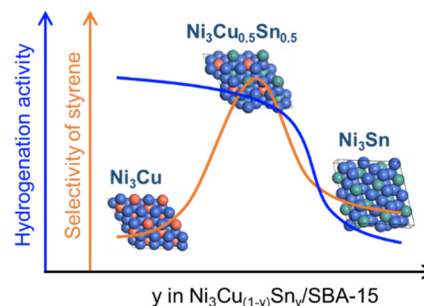
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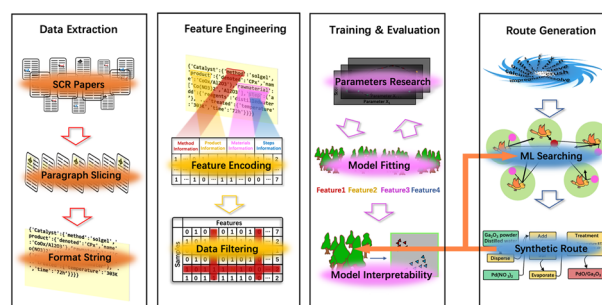
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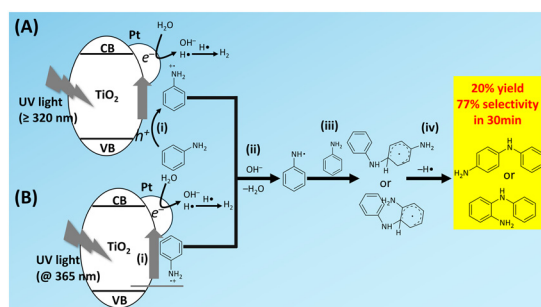
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Machine learning and text mining approaches to design selective catalyst reduction synthesis routes

Shuyuan Li, Chenyu Huang, Yunjiang Zhang, Jing Li and Shaorui Sun*



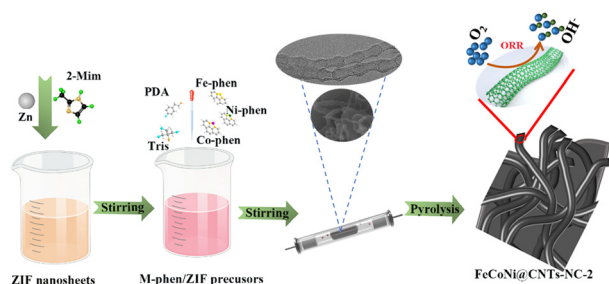
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Direct C–N coupling of aniline to aminodiphenylamines with a platinum-loaded titanium oxide photocatalyst

Kexin Zou, Akira Yamamoto and Hisao Yoshida*

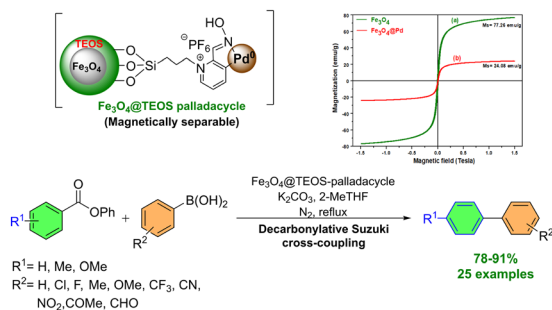
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Fe, Co, and Ni co-doped nitrogen-doped carbon nanotubes for the electrocatalytic oxygen reduction reaction

Haitao Huang, Zhijie Chen, Haijin Li,* Yongtao Li* and Xiaolong Deng

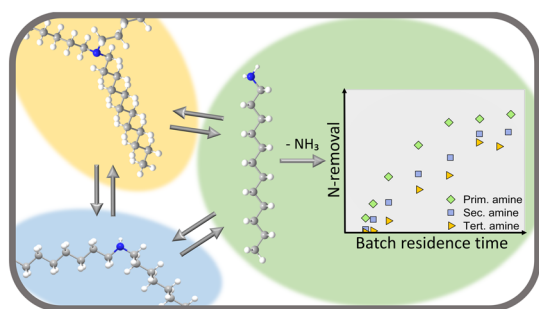
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Tungsten-dioxo single-site heterogeneous catalyst on carbon: synthesis, structure, and catalysis

Amol Agarwal, Yiqi Liu, Miyuki Hanazawa, Jiaqi Li, Takayuki Nakamuro, Eiichi Nakamura, Yosi Kratish* and Tobin J. Marks*

