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

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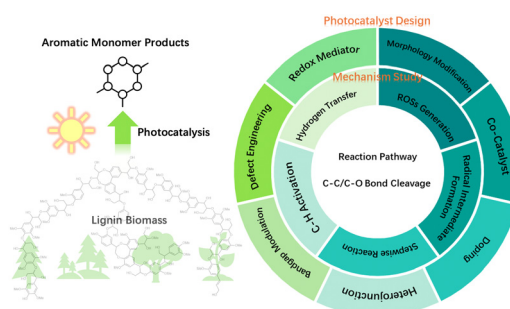
See Lu Shin Wong *et al.*,
pp. 1009–1015.
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2025, 15, 1009.

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A mini review on photocatalytic lignin conversion into monomeric aromatic compounds

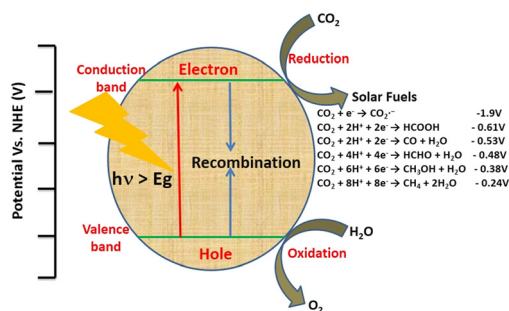
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Rajesh Sahu,* Tarun Patodia, Sakshi Juyal,
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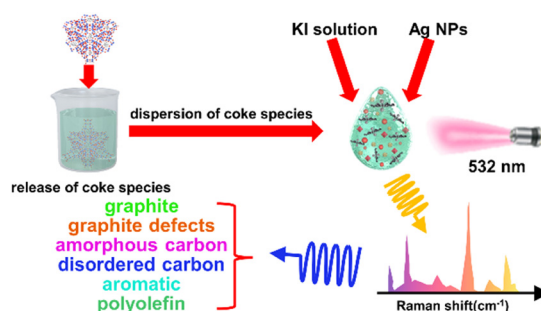


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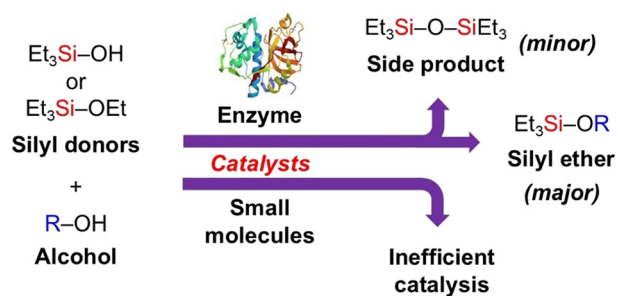


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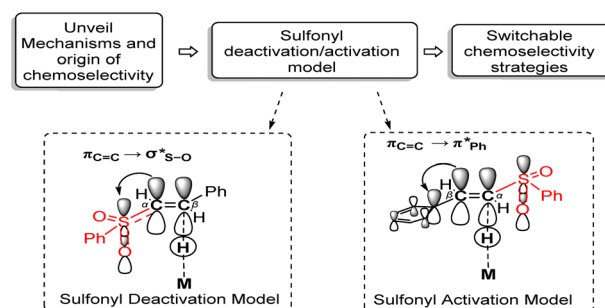
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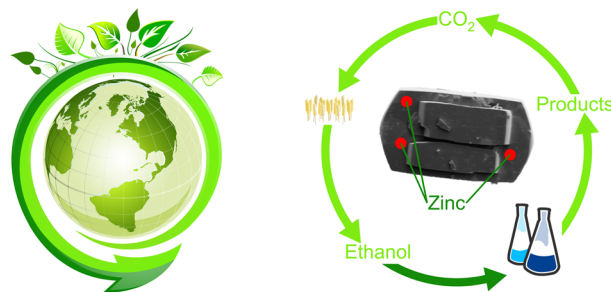
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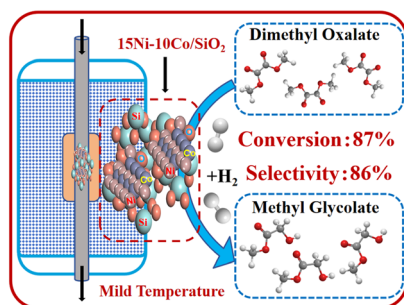
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Higher BTEX aromatic yield from ethanol over desilicated H,Zn-[Al]ZSM-5 catalysts

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



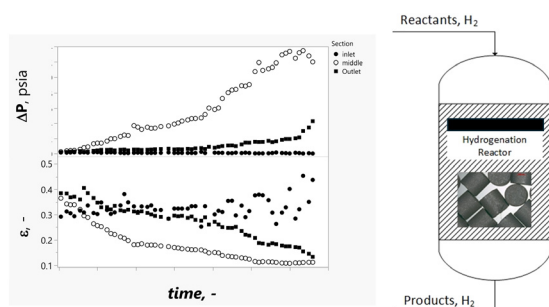
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Donghui Xiao, Shilong Xie, Xin Gao,* Riguang Zhang and Chun-Ran Chang*

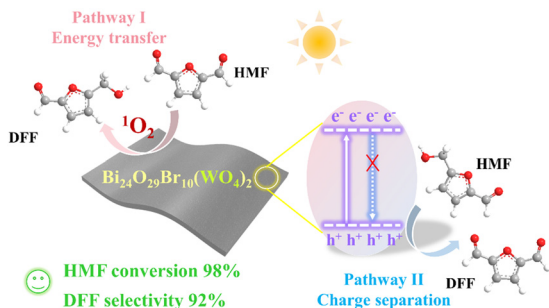
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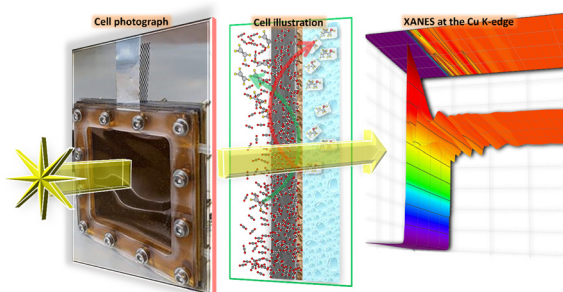
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Efficient photocatalytic selective oxidation of 5-hydroxymethylfurfural on Bi₂₄O₂₉Br₁₀(WO₄)₂ solid solution via enhanced charge separation

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

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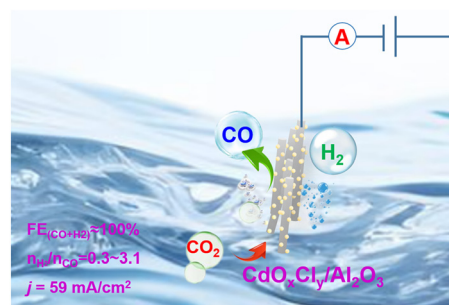


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Chlorine tailored $\text{CdO}_x\text{Cl}_y/\text{Al}_2\text{O}_3$ for syngas formation in electrochemical CO_2 reduction

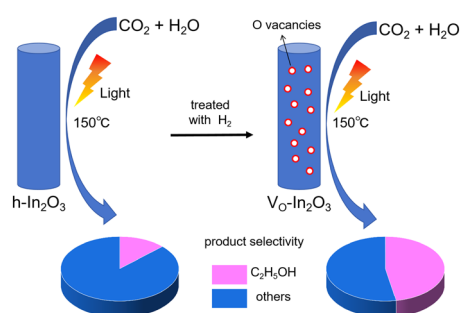
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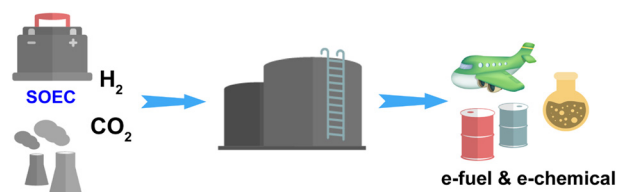
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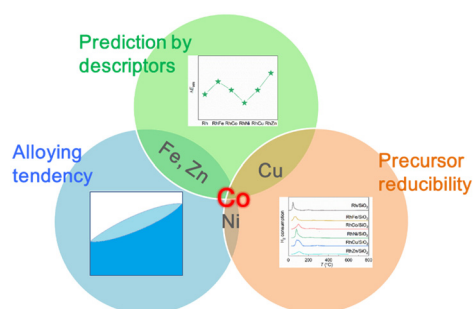
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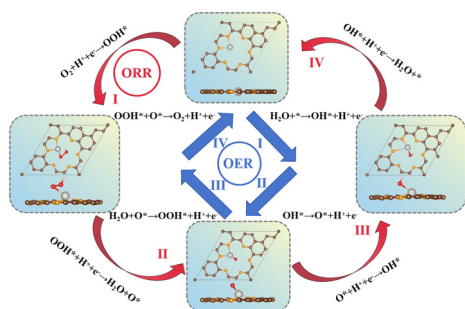
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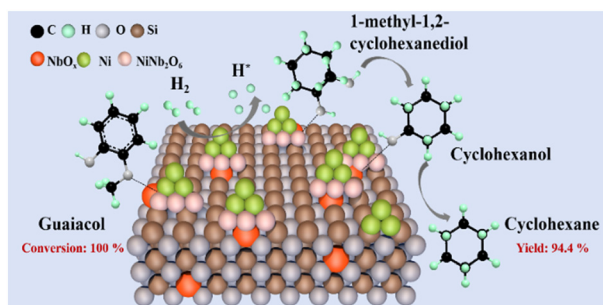
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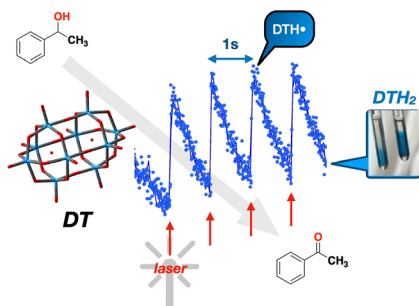
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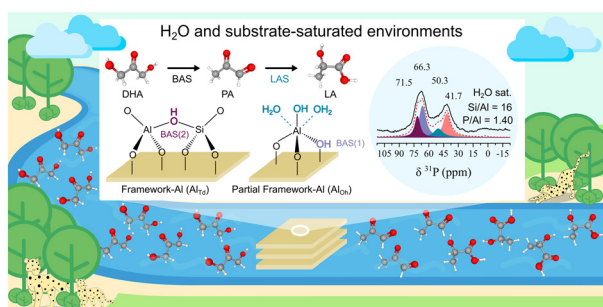
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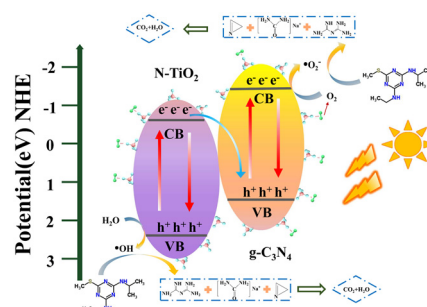
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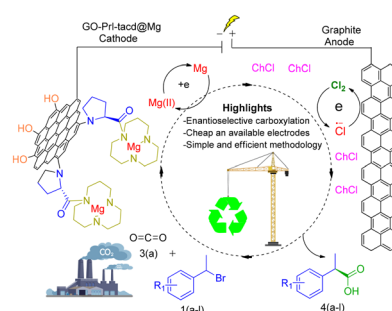
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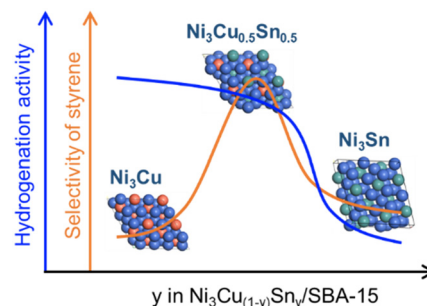
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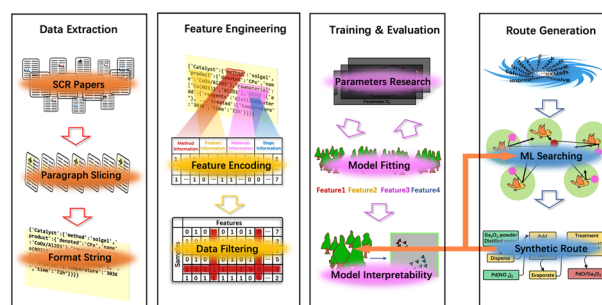
Aohui Xiao, Kehang Ruan, Yuqi Zhou, Hongjie Cui and Zhiming Zhou*



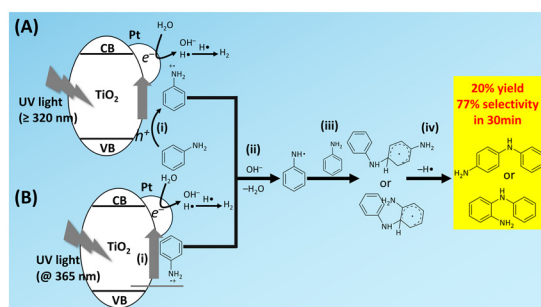
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Machine learning and text mining approaches to design selective catalyst reduction synthesis routes

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



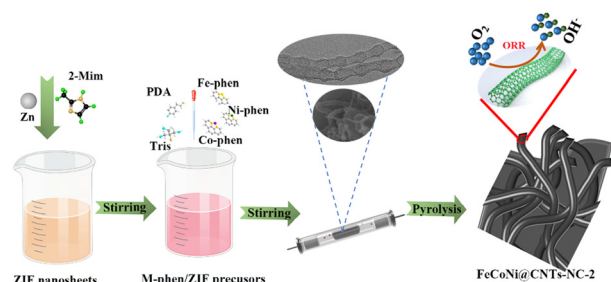
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Direct C–N coupling of aniline to aminodiphenylamines with a platinum-loaded titanium oxide photocatalyst

Kexin Zou, Akira Yamamoto and Hisao Yoshida*

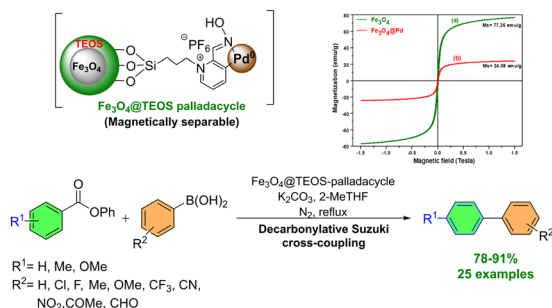
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Fe, Co, and Ni co-doped nitrogen-doped carbon nanotubes for the electrocatalytic oxygen reduction reaction

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

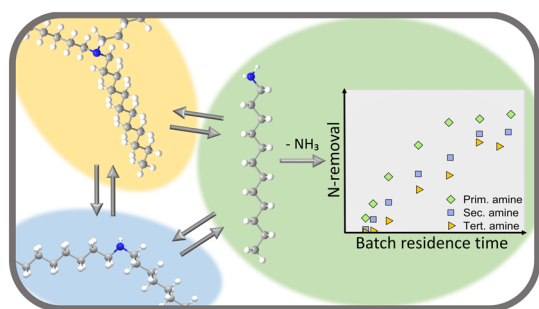
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Oxime-palladacycle complex supported on magnetic nanoparticles: a recyclable catalyst for Suzuki-type decarbonylative cross-coupling of esters with aryl boronic acid

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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*

