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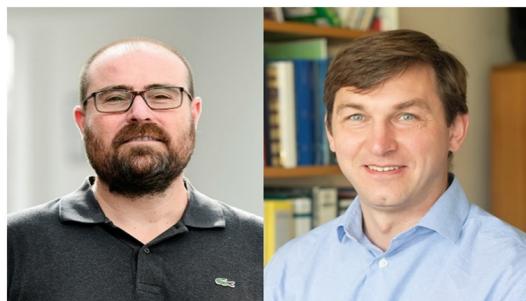
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Catalysis on the move

Asier Unciti-Broceta* and Evgeny Rebrov*

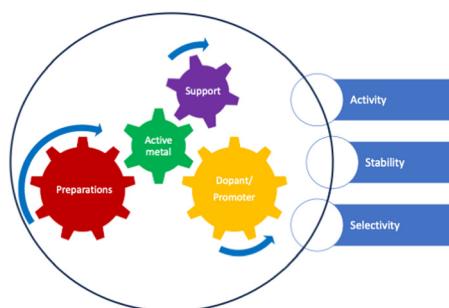


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The design and optimization of heterogeneous catalysts using computational methods

Shambhwani, Ojus Mohan, Tej S. Choksi and Alexei A. Lapkin*



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Elemental answers



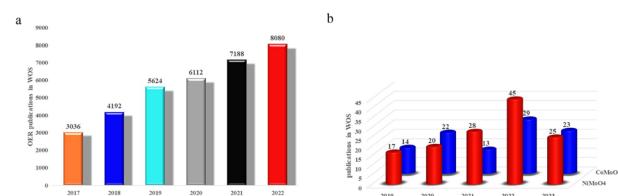
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Application progress of NiMoO₄ electrocatalyst in basic oxygen evolution reaction

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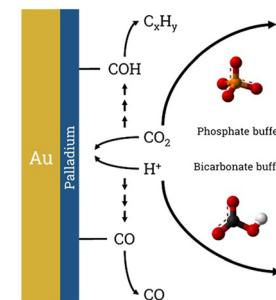


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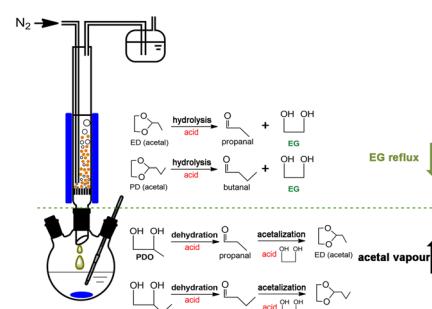
Xin Li, Mengjiao Shao, Xueling Song, Xuesong Jiang, Guisheng Li and Lei Wang*



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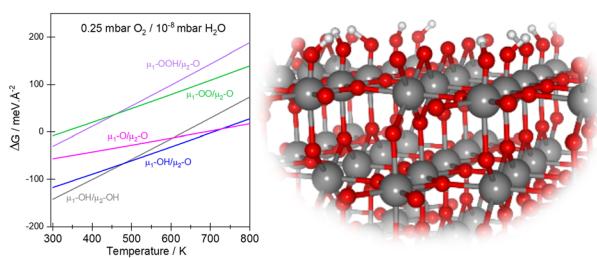
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Jianwei Ji, Shuo Ai,* Wanguo Yu, Linghui Liu and Chengdu Huang



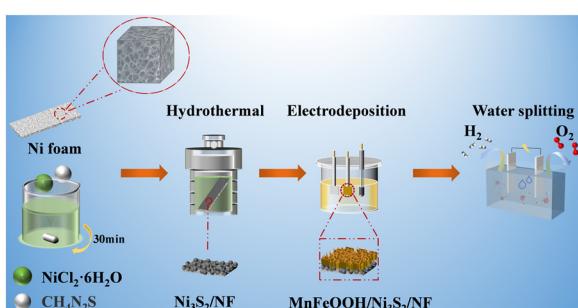
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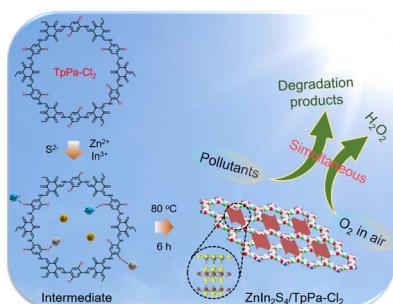
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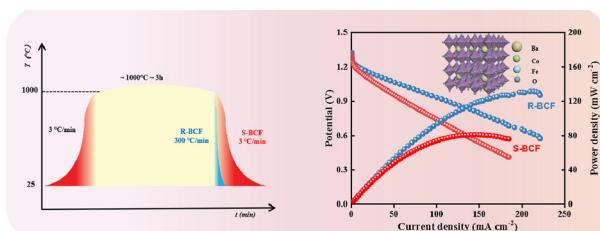
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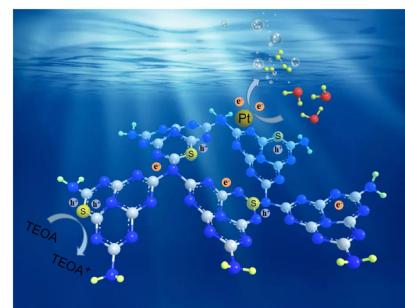


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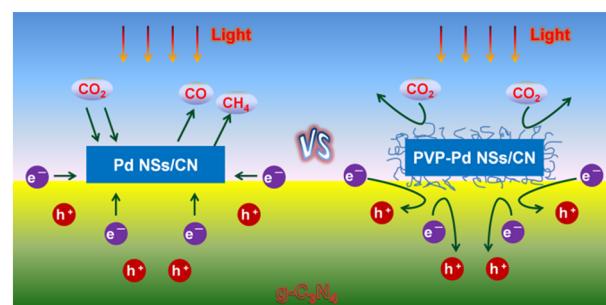
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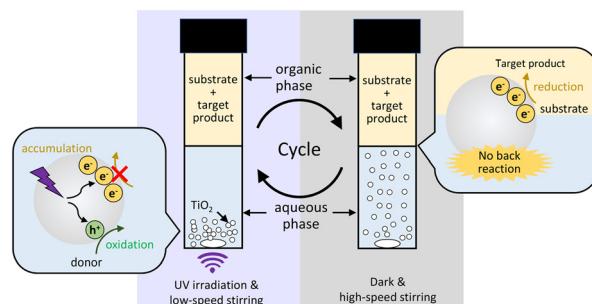
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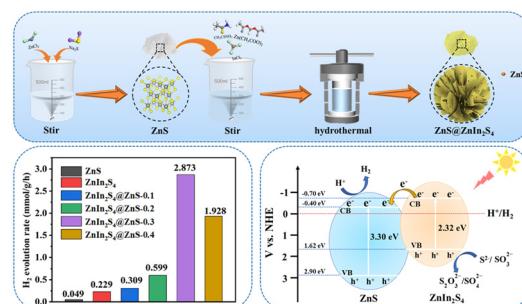
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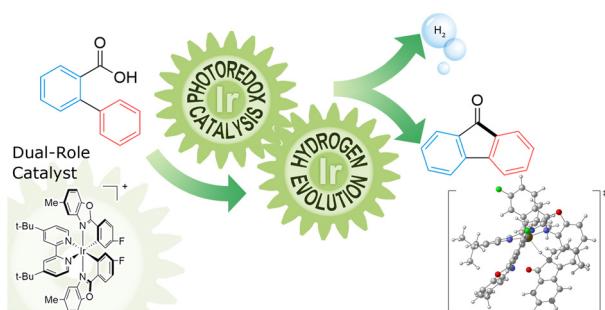
Facile synthesis of ZnIn₂S₄@ZnS composites for efficient photocatalytic hydrogen precipitation

Xixi Yuan, Peng Li,* Siyu Wang, Puyu Liu, Jianwei Zhao,* Tao Wang and Kun Chang*



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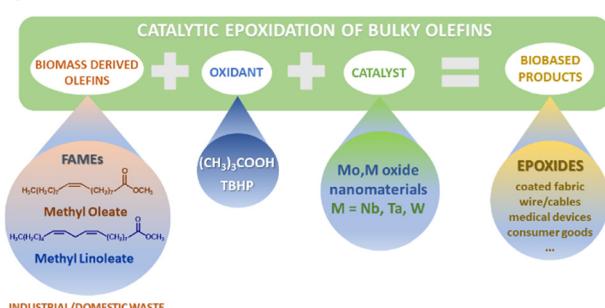
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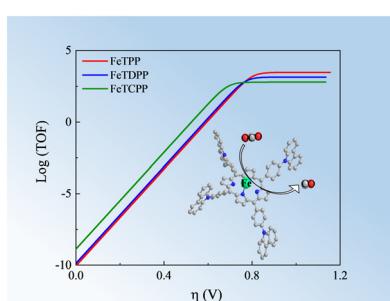
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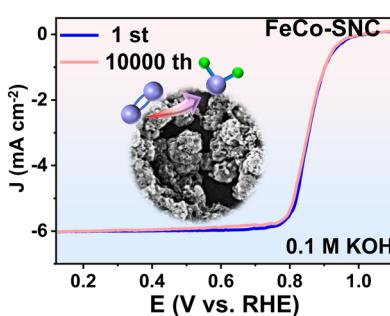
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Electrocatalytic reduction of CO₂ to CO by Fe(III) carbazole-porphyrins in homogeneous molecular systems

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Co, Fe decorated N, S co-doped porous carbon enables high stability for the oxygen reduction reaction

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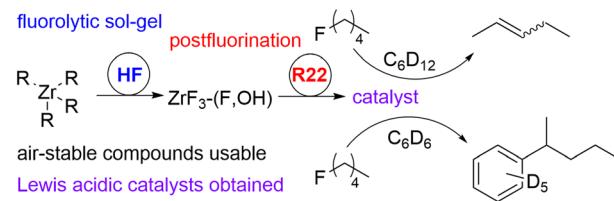


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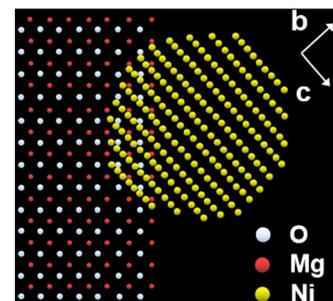
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Stable Ni nanocrystals on porous single-crystalline MgO particles for enhanced dry reforming activity and durability of CH₄/CO₂

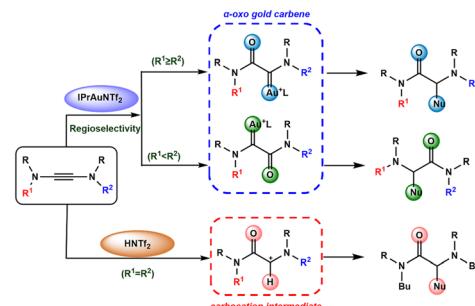
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Oxidative functionalization of yndiamides catalyzed by gold(i) or Brønsted acid systems: computational study of mechanism, selectivity patterns, and effects of substituents

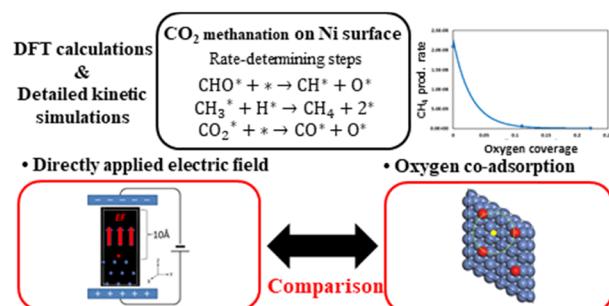
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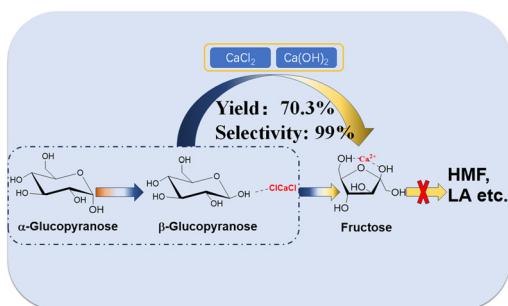
Theoretical study of catalytic activity modifications in CO₂ methanation induced by an electric field in solid-oxide cells

Katsuhiro Wakamatsu,* Takaaki Yasuda, Masato Aratani
and Teppei Ogura*



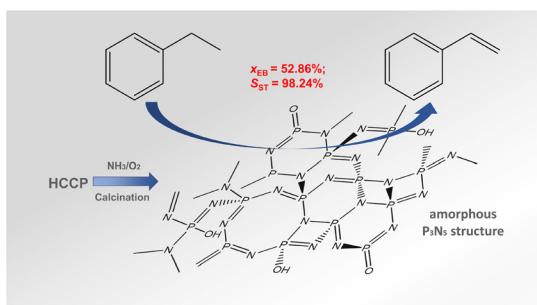
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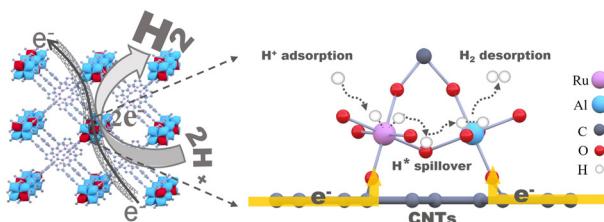
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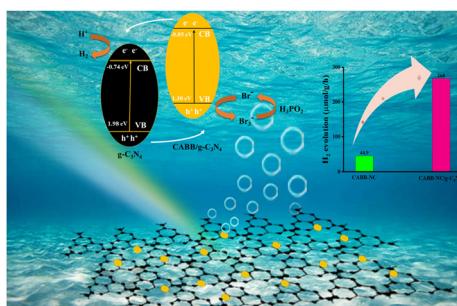
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**Enhanced photocatalytic hydrogen evolution through suppressed electron-hole recombination in Cs₂AgBiBr₆-NC/g-C₃N₄ nanocomposites**

C. Vidhya, B. Meera, Revathy B. Nair and Sajith Kurian*

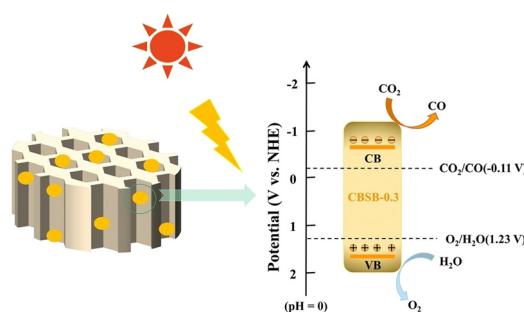


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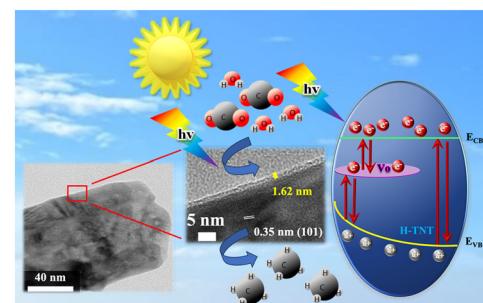
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Engineered CO_2 conversion performance of nanostructured TiO_2 photocatalysts via electrochemical hydrogenation

Jacky Chen-Chin Lee, Hossam A. E. Omr, Po-Wei Lai and Hyeonseok Lee*



CORRECTION

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Correction: Adipic acid formation from cyclohexanediol using platinum and vanadium catalysts: elucidating the role of homogeneous vanadium species

Owen Rogers, Samuel Pattisson, Rebecca V. Engel, Robert L. Jenkins, Keith Whiston, Stuart H. Taylor and Graham J. Hutchings*

