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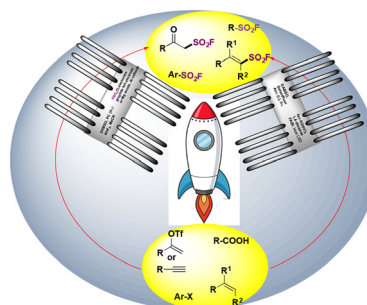
See Michael Bühl *et al.*, pp. 2662–2674.
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MINI REVIEWS

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Synthetic strategies for fluorosulfonylated compounds: application to click chemistry reactions

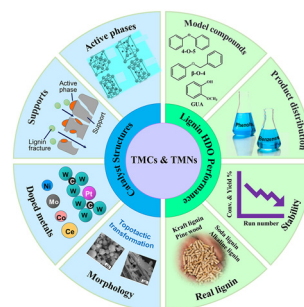
Sebastián Barata-Vallejo,* Damian E. Yerien and Al Postigo*



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Supported transition metal (Mo, W) carbide and nitride catalysts for lignin hydrodeoxygenation: interplay of supports, structure, and catalysis

Na Ji,* Poknam Ri, Xinyong Diao,* Yue Rong and Changsok Kim



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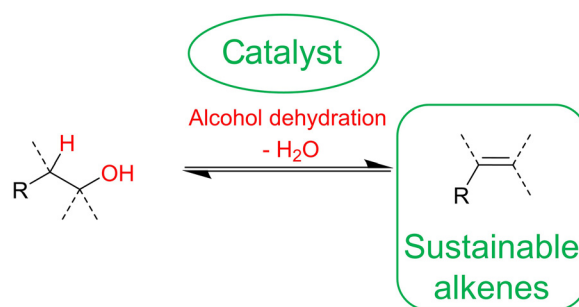


MINI REVIEWS

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Sustainable routes to alkenes: applications of homogeneous catalysis to the dehydration of alcohols to alkenes

Daniel J. Ward, Daniel J. Saccomando, Gary Walker and Stephen M. Mansell*

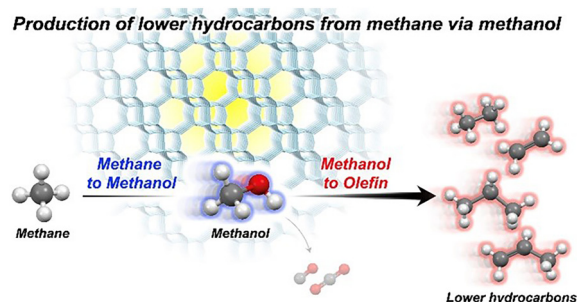


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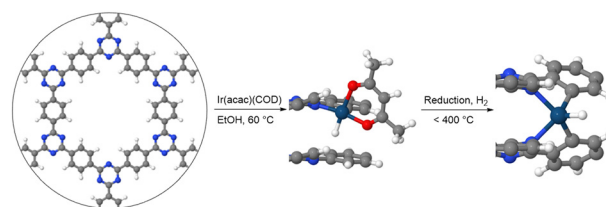
Kengo Nakamura, Peipei Xiao, Ryota Osuga, Yong Wang, Shuhei Yasuda, Takeshi Matsumoto, Junko N. Kondo, Mizuho Yabushita, Atsushi Muramatsu, Hermann Gies and Toshiyuki Yokoi*



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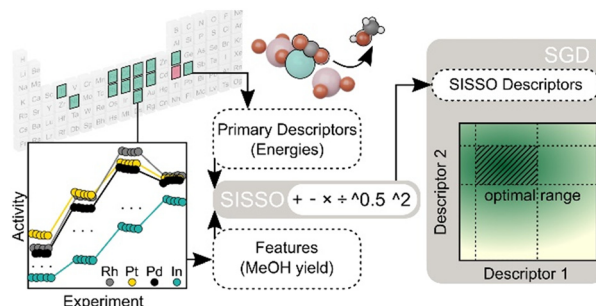
Nina M. Sackers, Andree Iemhoff, Philippe Sautet and Regina Palkovits*



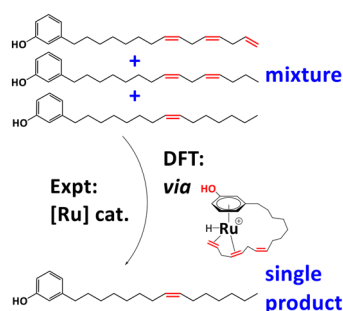
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A data-driven high-throughput workflow applied to promoted In-oxide catalysts for CO₂ hydrogenation to methanol

Mohammad Khatamirad,* Edvin Fako, Chiara Boscagli, Matthias Müller, Fabian Ebert, Raoul Naumann d'Alnoncourt,* Ansgar Schaefer, Stephan Andreas Schunk, Ivana Jevtovikj, Frank Rosowski and Sandip De*



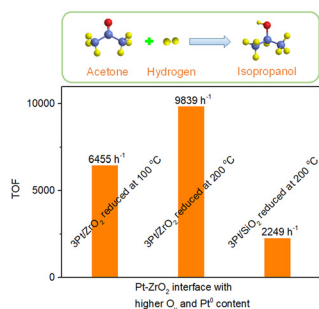
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Shahbaz Ahmad, Ellis Crawford, Muhammad Bilal, Johannes G. de Vries and Michael Bühl*

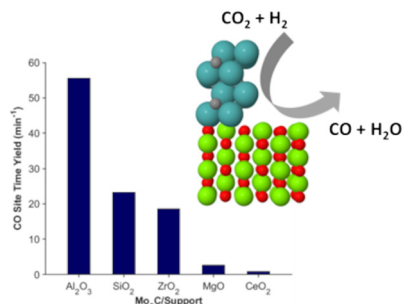
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Influence of reduction temperature on Pt-ZrO₂ interfaces for the gas-phase hydrogenation of acetone to isopropanol

Kun Liu, Tingting Zhang, Xiaodong Liu, Tingyu Wang, Yan Su, Hong Wang, Liping Sun, Xiaoqun Cao, Yushui Bi,* Kaiqi Wang* and Li Zhang*

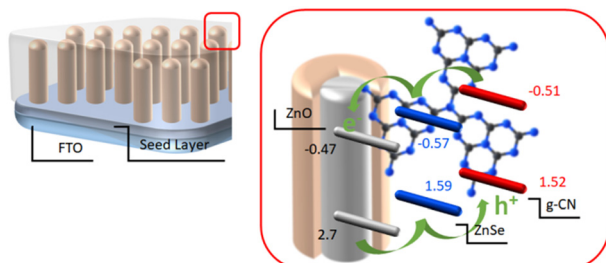
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Cameron F. Holder,* James R. Morse, Patrick M. Barboun, Andrew R. Shabaev, Jeffrey W. Baldwin and Heather D. Willauer

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P. V. R. K. Ramacharyulu and Chang Woo Kim*

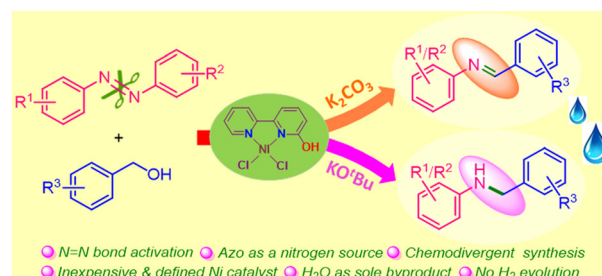


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Chemodivergent coupling of azoarenes with benzyl alcohols *via* a borrowing hydrogen strategy using a well-defined nickel catalyst

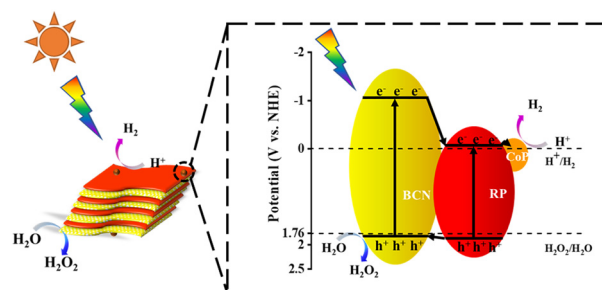
Sadhna Bansal, Rajesh G. Gonnade and Benudhar Punji*



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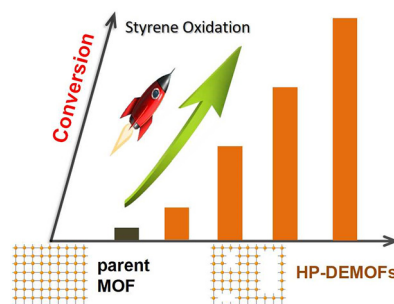
Zhiqi Guo, Yao Tian, Guangjin Dou, Ye Wang, Jiaping He and Hao Song*



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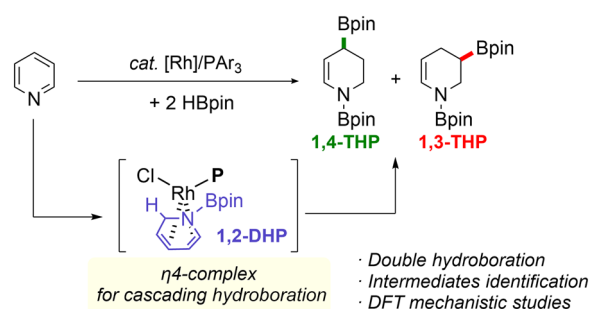
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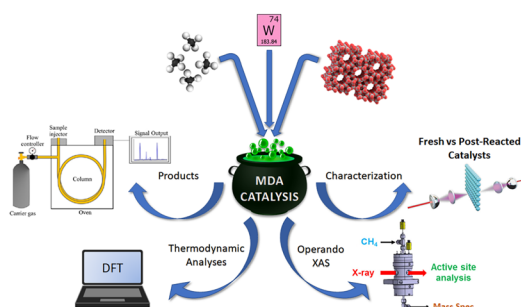
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Rhodium-catalyzed double hydroboration of pyridine: the origin of the chemo- and regioselectivities

Hyoju Choi, Ruibin Wang, Suyeon Kim, Dongwook Kim, Mu-Hyun Baik* and Sehoon Park*



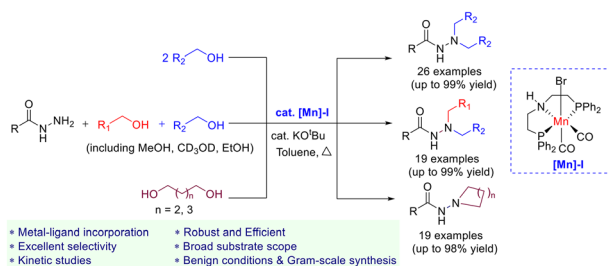
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Mustafa Çağlayan, Abdallah Nassereddine, Stefan-Adrian F. Nastase, Antonio Aguilar-Tapia, Alla Dikhtiarenko, Sang-Ho Chung, Genrikh Shterk, Tuiana Shoinkhorova, Jean-Louis Hazemann, Javier Ruiz-Martinez, Luigi Cavallo, Samy Ould-Chikh and Jorge Gascon*

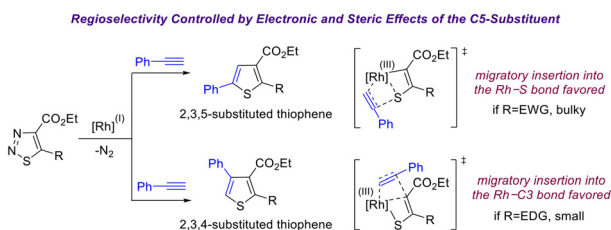
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Reshma Babu, Subarna S. Padhy, Ganesan Sivakumar and Ekambaram Balaraman*

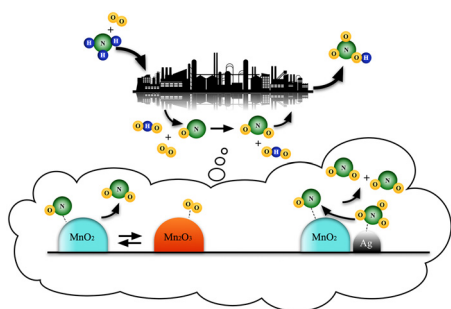
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Marina A. Tokareva, Indrek Pernik, Barbara A. Messerle, Tatiana V. Glukhareva and Sinead T. Keaveney*

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Jithin Gopakumar, Sunniva Vold, Bjørn Christian Enger, David Waller, Per Erik Vullum and Magnus Rønning*

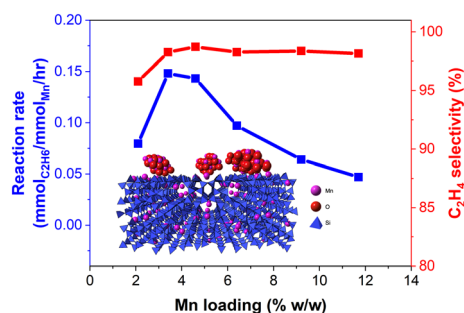


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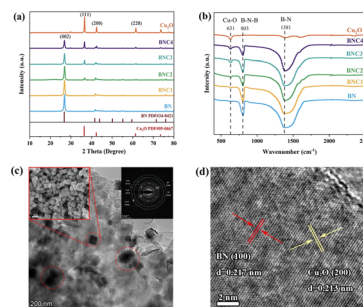
Jian Pan and Raul F. Lobo*



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2D boron nitride supported Cu₂O promotes photocatalytic nitrogen fixation at normal temperature and pressure

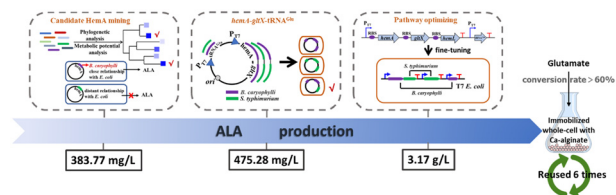
Liangchen Chen, Min Liu,* Yutong Chen, Shouxin Zhu, Can Sun, Xuewei Tu and Hui Zheng*



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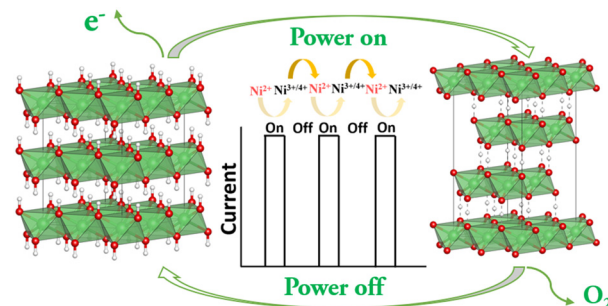
Ying Luo, Liang Liu, Jinshui Yang, Anping Su, Qijun Yu, Entao Wang and Hongli Yuan*



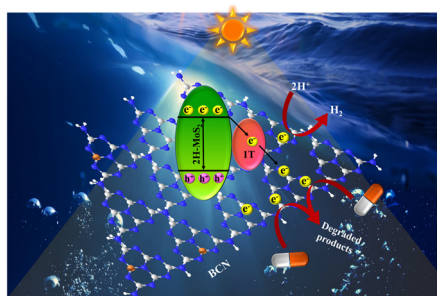
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Reversion of catalyst valence states for highly efficient water oxidation

Xiaolei Huang,* Fenghe Wang, Lipo Ma, Jiawei Wang,* Tianyi Zhang, Xiaoyu Hao, Xiao Chi, Hao Cheng, Ming Yang, Jun Ding and Diing Shen Ang*



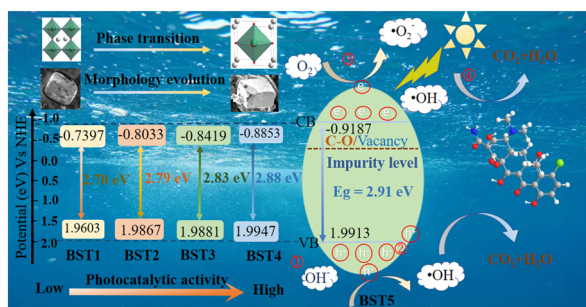
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Photocatalytic activity towards antibiotic degradation and H₂ evolution by development of a Z-scheme heterojunction constructed from 1T/2H-MoS₂ nanoflowers embellished on BCN nanosheets

Sarmistha Das, Lopamudra Acharya, Lijarani Biswal, Bhagyashree Priyadarshini Mishra and Kulamani Parida*

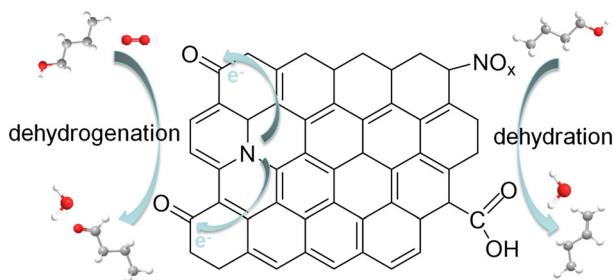
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Strontium-induced phase, energy band and microstructure regulation in Ba_{1-x}Sr_xTiO₃ photocatalysts for boosting visible-light photocatalytic activity

Yan Han, Shifa Wang,* Maoyuan Li, Huajing Gao, Mengjun Han, Hua Yang, Leiming Fang,* Jagadeesha Angadi V., A. F. Abd El-Rehim, Atif Mossad Ali and Dengfeng Li*

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An oxygen-assisted conversion of butanol to value-added products on nanocarbon catalysts: tuning product selectivity via nitrogen doping

Xueya Dai, Fan Li, Di Wang, Miao Guo, Yunli Bai and Wei Qi*

