## Catalysis Science & Technology

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

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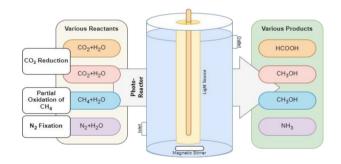
Inside cover See Frederick G. Baddour et al.. pp. 4941-4954. Image reproduced by permission of The Alliance for Sustainable Energy LLC from Catal. Sci. Technol., 2023, 13, 4941. Image credit: photo by Sandia National Laboratories, NREL 01414, illustration by Frederick Baddour.

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Amira Chebbi, Alessandro Sinopoli, Ahmed Abotaleb and Yusuf Bicer\*

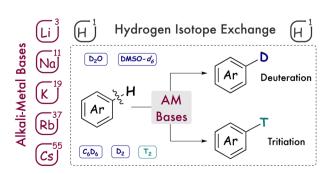


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Andreu Tortajada\* and Eva Hevia\*



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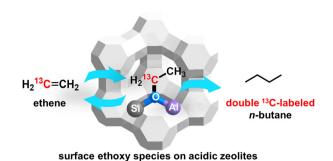


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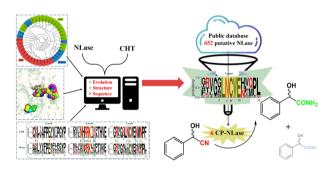


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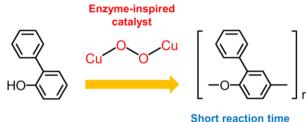
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Iulia-Ioana Rădoi, Diana Eva Bedolla, Lisa Vaccari, Anamaria Todea, Federico Zappaterra, Alexey Volkov and Lucia Gardossi\*



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Short reaction time High molecular weight

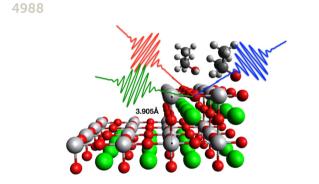
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Akivuki Nakano, Vivek S. Raut, Naoki Asao, \* Akane Ando, Kiyoshi Fujisawa\* and Hideyuki Higashimura\*

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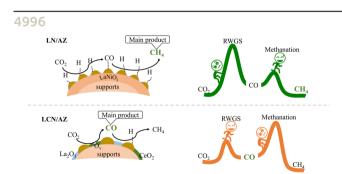
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Anupam Bera, Denise Bullert, Matthias Linke, Steffen Franzka, Ulrich Hagemann, Nils Hartmann and Eckart Hasselbrink\*



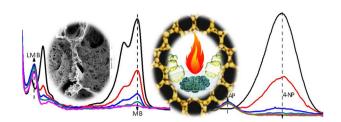
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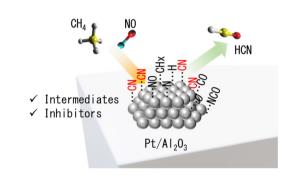
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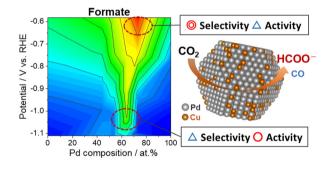
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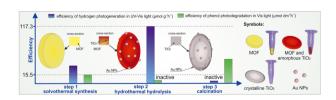
Naoto Todoroki,\* Masanao Ishijima,\* Jhon L. Cuya Huaman, Yuto Tanaka and Jeyadevan Balachandran



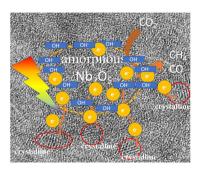
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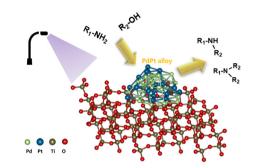
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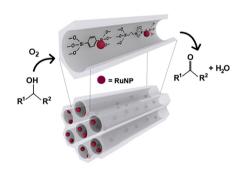
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Zihan Lv, Zeng Hong,\* Chao Qian and Shaodong Zhou\*

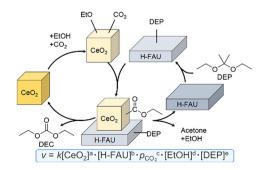
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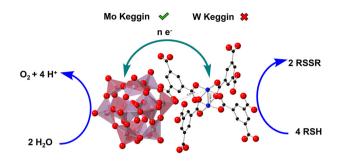
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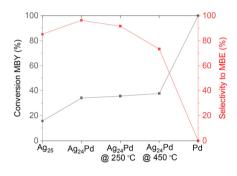
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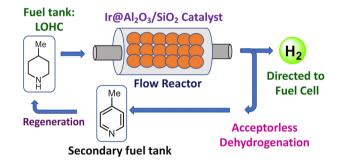
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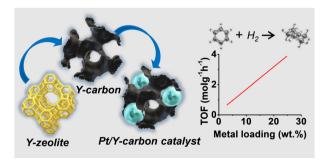
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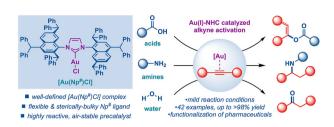


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# [Au(Np<sup>#</sup>)Cl]: highly reactive and broadly applicable Au(I)-NHC catalysts for alkyne $\pi$ -activation reactions

Md. Mahbubur Rahman, Pengcheng Gao, Qun Zhao, Roger Lalancette, Roman Szostak and Michal Szostak\*