### Sustainable **Energy & Fuels**

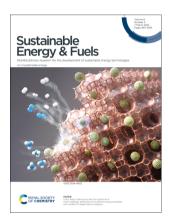
Interdisciplinary research for the development of sustainable energy technologies

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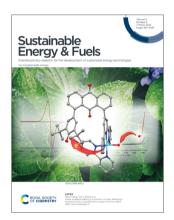
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#### Cover See Unho Jung, Ki Bong Lee, Kee Young Koo et al., pp. 896-904. Image reproduced by permission of Younghee Lee.



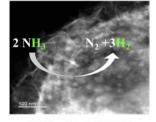
Inside cover See Mitsuo Shoji, Tohru Wada et al., pp. 905-913. Image reproduced by permission of Tohru Wada from Sustainable Energy Fuels, 2024, 8, 905.

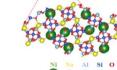
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#### Clean hydrogen production from ammonia decomposition over zeolite 13X-supported Ni catalysts

Jiyu Kim, Kyoung Deok Kim, Unho Jung,\* Yongha Park, Ki Bong Lee\* and Kee Young Koo\*

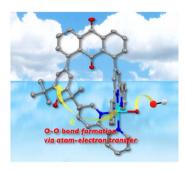




Ni/Zeolite 13X(DP)

Water oxidation utilizing a ruthenium complex featuring a phenolic moiety inspired by the oxygenevolving centre (OEC) of photosystem II

Yugo Kumagai, Risa Takabe, Takashi Nakazono, Mitsuo Shoji,\* Hiroshi Isobe, Kizashi Yamaguchi, Tomoyo Misawa-Suzuki, Hirotaka Nagao and Tohru Wada\*







# Environmental Science journals

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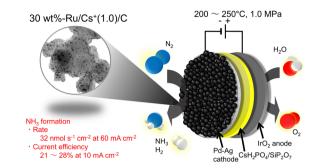
Fundamental questions Elemental answers



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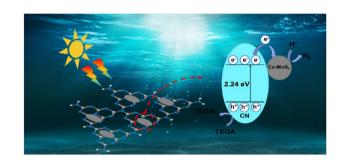
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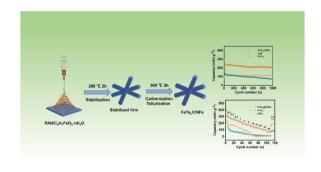
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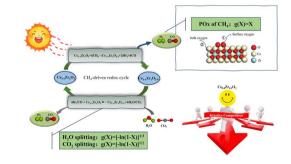
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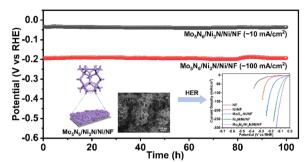
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Yanxin Liu, Shuting Cen, Changsheng Bu,\* Daoyin Liu and Guilin Piao



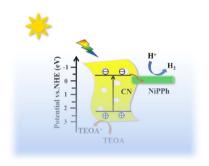
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Yang Zhou, Jing Zhou, Muzaffar Ahmad Boda, Kunfeng Zhao, Haojie Ma, Chenhao Shi, Dingwang Yuan\* and Zhiguo Yi\*

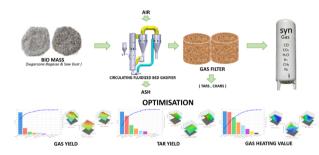
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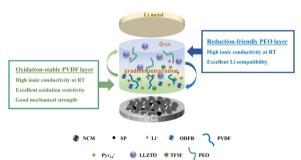
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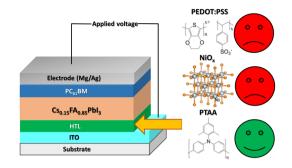
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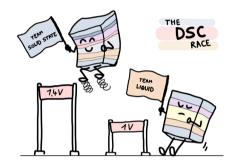
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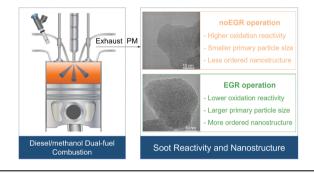
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Hao Chen, Zhenhua Ji, Xiaochen Wang,\* Mingzhang Pan, Chengshan Yi and Peng Zhang



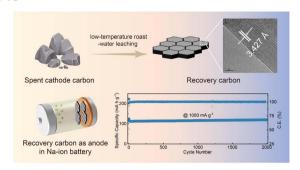
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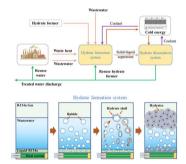
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Yao Lu, Zhifan Hua, Chao Chen, Zibo Chen, Xinyi Li, Hailin Yu, Ke Peng\* and Zhongliang Tian\*

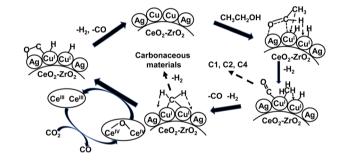
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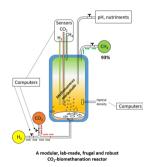
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Naoya Inoue, Yuuki Hatooka, Chihiro Okada, Shiori Shimidzu, Tadanori Hashimoto and Atsushi Ishihara\*

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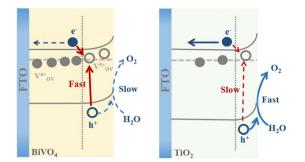
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Wenjun Zhu, Yuling Yuan and Yimeng Ma\*



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Nicholas R. Myllenbeck,\* Eric Monroe, Mysha Sarwar, Teresa Alleman, Cameron Hays, Jon Luecke, Junqing Zhu, Charles McEnally, Lisa Pfefferle, Anthe George and Ryan W. Davis



Low-carbon diesel candidates

Mild synthesis using bioderived / recyclable materials