

# EES Catalysis

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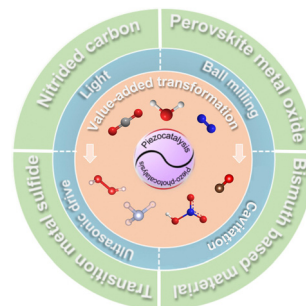
See Jan Rossmeisl, Maria Escudero-Escribano *et al.*, pp. 941–952. Image reproduced by permission of Jack Kirk Pedersen from *EES Catal.*, 2024, 2, 941.

## REVIEW

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### Advancements and opportunities in piezo-(photo)catalytic synthesis of value-added chemicals

Weiliang Qi, Yaping Fu, Enbo Liu, Zhixing Cheng, Yuxiu Sun, Siqi Liu and Minghui Yang\*



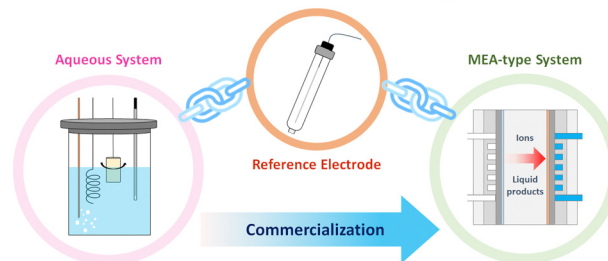
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### Direction of oxygen evolution reaction electrocatalyst evaluation for an anion exchange membrane CO<sub>2</sub> electrolyzer

Seontaek Kwon, Tae-Hoon Kong, Namgyoo Park, Pandiarajan Thangavel, Hojeong Lee, Seokmin Shin, Jihoo Cha and Youngkook Kwon\*

#### OER Electrocatalyst Development for CO<sub>2</sub> Electrolysis



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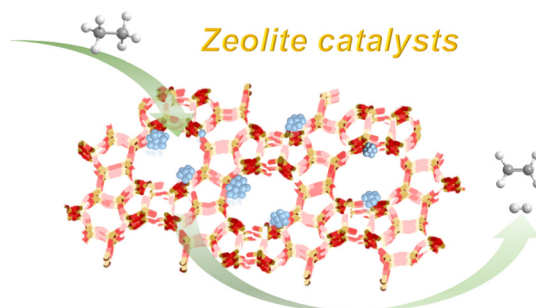
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Lu Liu, Liang Wang\* and Feng-Shou Xiao\*

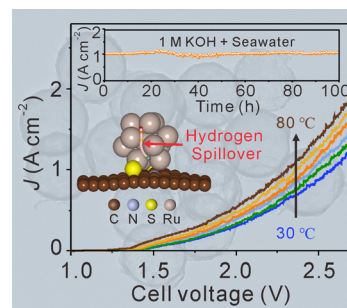


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Ranran Tang, Ping Yan, Yitong Zhou\* and Xin-Yao Yu\*

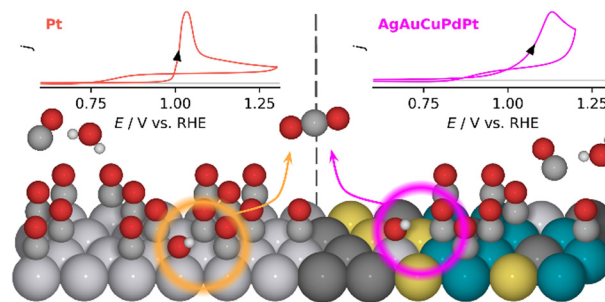


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**Toward understanding CO oxidation on high-entropy alloy electrocatalysts**

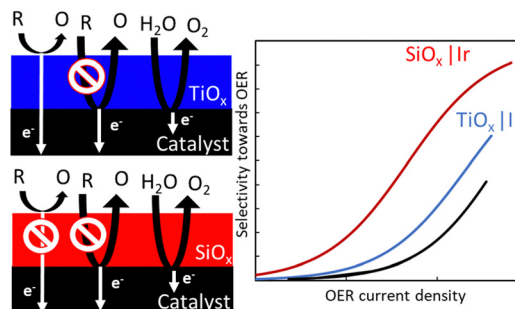
María Paula Salinas-Quezada, Jack K. Pedersen, Paula Sebastián-Pascual, Ib Chorkendorff, Krishanu Biswas, Jan Rossmeisl\* and María Escudero-Escribano\*



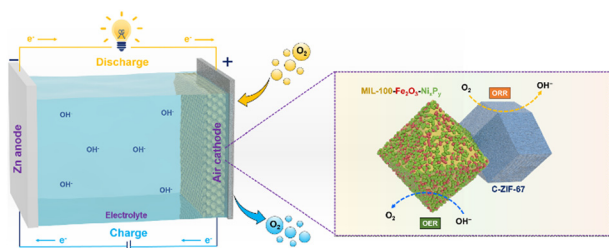
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**Probing the active sites of oxide encapsulated electrocatalysts with controllable oxygen evolution selectivity**

William D. H. Stinson, Robert S. Stinson, Jingjing Jin, Zejie Chen, Mingjie Xu, Fikret Aydin, Yinxian Wang, Marcos F. Calegari Andrade, Xiaoqing Pan, Tuan Anh Pham, Katherine E. Hurst, Tadashi Ogitsu, Shane Ardo and Daniel V. Esposito\*



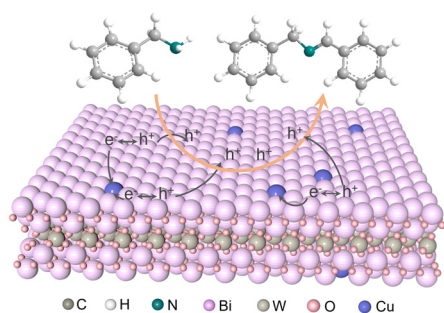
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Yasir Arafat, Muhammad Rizwan Azhar, Yijun Zhong, Xiaomin Xu, Moses O. Tadé and Zongping Shao\*

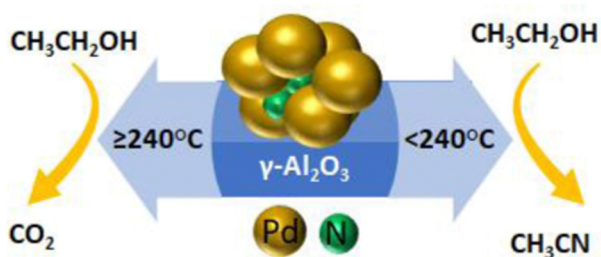
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Xia Zhong, Yan Zhao, Lei Li, Xin He, Hui Wang,\* Xiaodong Zhang\* and Yi Xie\*

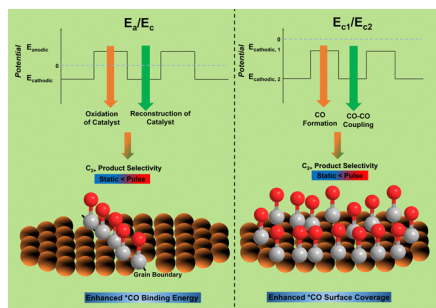
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Khaled Mohammed, Reza Vakili, Donato Decarolis, Shaojun Xu, Luke Keenan, Apostolos Kordatos, Nikolay Zhelev, Chris K. Skylaris, Marina Carravetta, Emma K. Gibson, Haresh Manyar, Alexandre Goguet and Peter P. Wells\*

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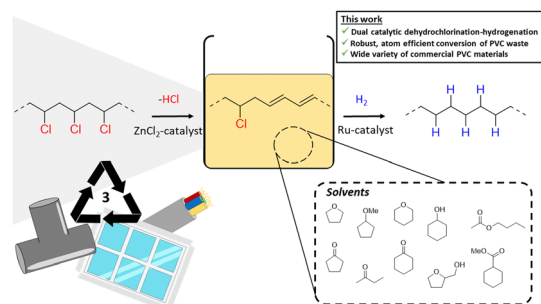
Takashi Ito, Jithu Raj, Tianyu Zhang, Soumyabrata Roy and Jingjie Wu\*



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Arpna Jaryal, Ajit Kumar Singh, Shivali Dhingra, Himanshu Bhatt, Manvi Sachdeva, Hirendra N. Ghosh,\* Arindam Indra\* and Kamalakannan Kailasam\*

