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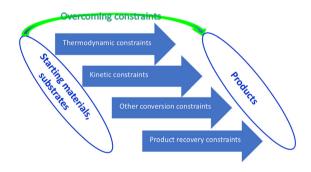


Cover See Sho Kataoka et al., pp. 311-319. Image reproduced by permission of Sho Kataoka from React. Chem. Eng., 2025, 10, 311.

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Overcoming bottlenecks towards complete biocatalytic conversions and complete product recovery

Roland Wohlgemuth\*

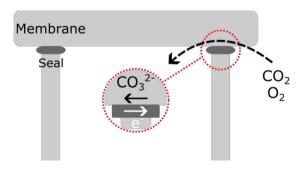


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Metallic sealants increase flux and change selectivity in supported molten-salt membranes

Liam A. McNeil, Guannan Chen, Wenting Hu, Evangelos I. Papaioannou, Ian S. Metcalfe and Greg A. Mutch\*





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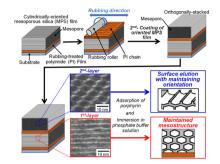
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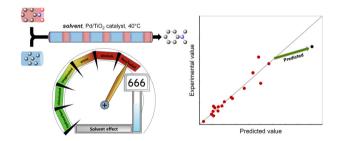
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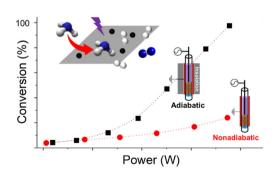
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Ammonia decomposition over low-loading ruthenium catalyst achieved through "adiabatic" plasma reactor

Minhazur Rahman Shawon, Chinwendu Umeojiakor, Anthony Griffin, Jeffrey Aguinaga, Jiachun Wu, Derek Patton, Zhe Qiang, Hossein Toghiani and Yizhi Xiang\*



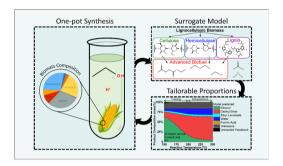
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Selective separation of Li, Ni, Co and Mn from model spent Li ion battery cathode materials by dry processing using the combination of chlorination and oxidation

Yuuki Mochizuki and Naoto Tsubouchi\*

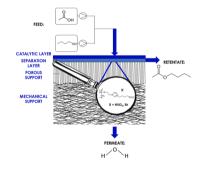
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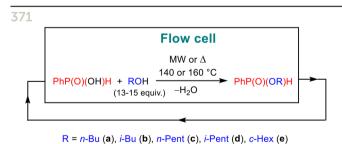
Ailís O'Shea,\* Conall McNamara, Prajwal Rao, Mícheál Howard, Mohammad Reza Ghanni and Stephen Dooley

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Julia Piotrowska, Christian Jordan, Kristof Stagel, Marco Annerl, Jakob Willner, Andreas Limbeck, Michael Harasek\* and Katharina Bica-Schröder\*



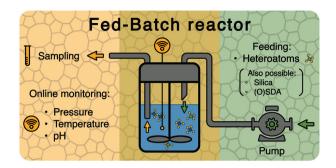
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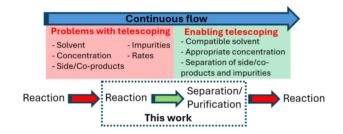
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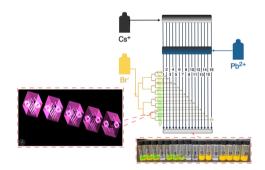
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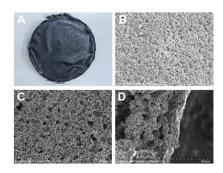
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Ricki Chairil, Allison P. Forsberg, Richard L. Brutchey\* and Noah Malmstadt\*

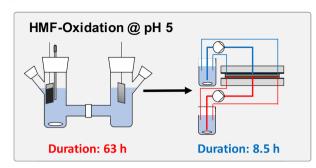


Carboxymethyl cellulose-poly-m-phenylenediamine composite membrane for gold recovery from ewaste

Zhiwei Huang, Yaxin Yuan, Xinyi Li, Yiyang Li, Min Wang\* and Zhuqing Wang\*



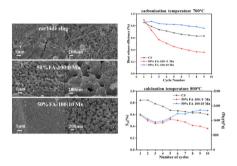
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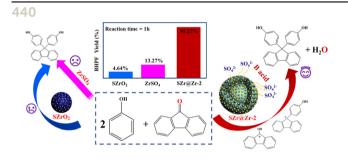
Marten Niklas Gey, Carl Schneider and Uwe Schröder\*

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Modulating the crystal phase of Zr-based solid acid catalysts to boost the synthesis of 9,9-bis(4hydroxyphenyl)fluorene

Jingjie Li, Lin Wang, Yanfeng Pu,\* Yong Liu, Xiying Li, Renren Sun and Yahui Xiao\*

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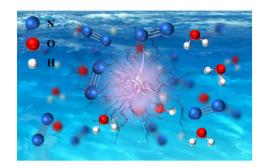
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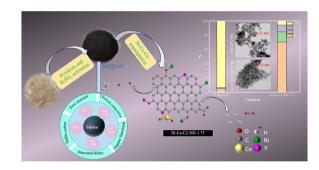
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Correction: Combination of near-infrared spectroscopy and a transient flow method for efficient kinetic analysis of the Claisen rearrangement

Yoshihiro Takebayashi,\* Kiwamu Sue and Sho Kataoka