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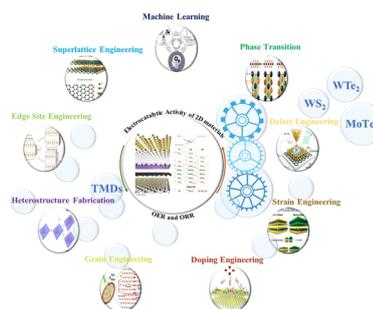
**Cover**  
See Jenny-Lee Panayides, Darren Lyall Riley *et al.*, pp. 42-48.  
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## REVIEW

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### Recent development and challenges in TMD-based 2D materials towards OER/ORR electrocatalysis

Kashif Nawaz Khattak, Yueyue Shao and Jia Zhou\*

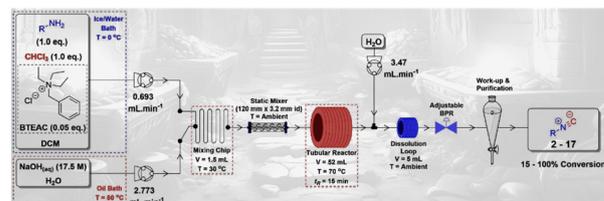


## PAPERS

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### Revitalised Hofmann carbylamine synthesis made possible with flow chemistry

Zen Johnston, Jaimee Jugmohan, Jenny-Lee Panayides\* and Darren Lyall Riley\*





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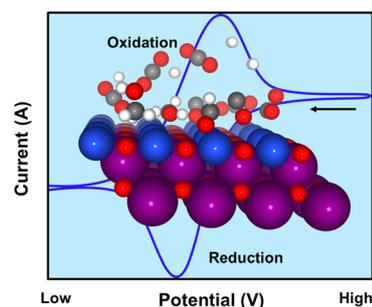
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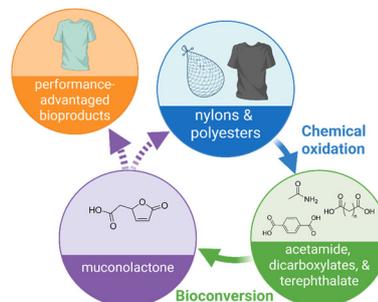
Pooja and Ravinder Pawar\*



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### Mixed polyamide and polyester upcycling via chemical autoxidation and engineered *Pseudomonas putida*

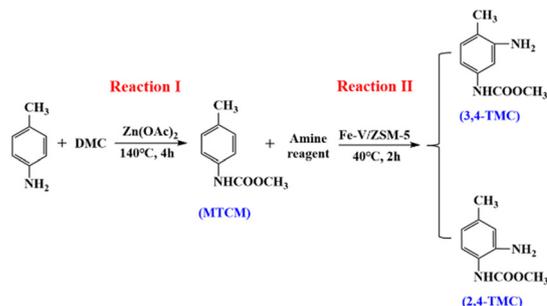
Ross Eaglesfield, Brandon L. Frey, Ciaran W. Lahive, Amy A. Cuthbertson, Eugene Kuatsjah, Kelsey J. Ramirez, Young-Saeng Avina, Hannah Alt, Natalie Banakis, Katrina M. Knauer, Gregg T. Beckham\* and Allison Z. Werner\*



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### Two-step synthesis of amino-methyl-*N*-phenylcarbamate from toluidine: new preparative method and mechanism

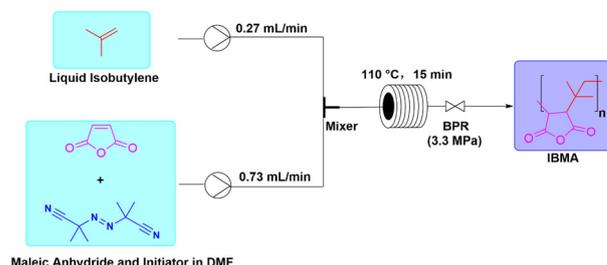
Xiangyu Wen, Qiusheng Yang, Ming Li, Xiaoshu Ding, Peng Zhai, Yao Lu, Xinqiang Zhao, Yanji Wang and Dongsheng Zhang\*



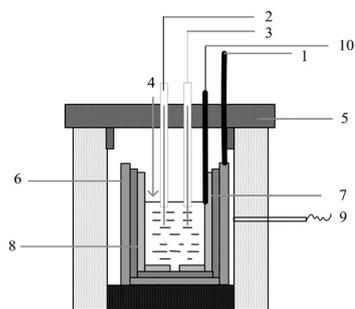
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### CFD simulations of mixing conditions of isobutylene/maleic anhydride and their polymerization in continuous-flow synthesis

Shubo Liu, Xiantong Yao, Maolin Sun, Jinxing Ye and Ruihua Cheng\*



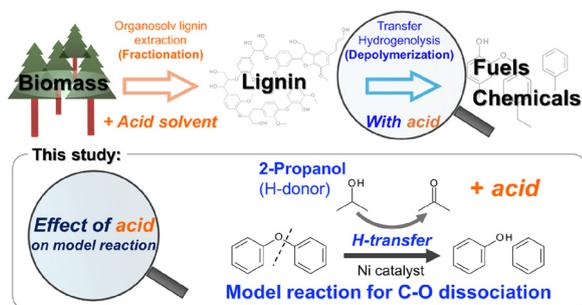
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Shaohu Tao,\* Zhuang Hao, Yilin Shao, Ruiting Ma, Naixiang Feng, Pengyan Mao and Wu Zhang

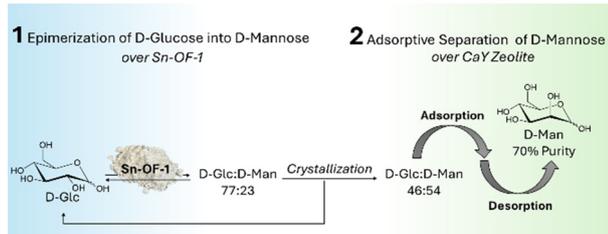
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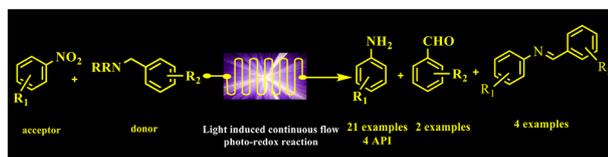
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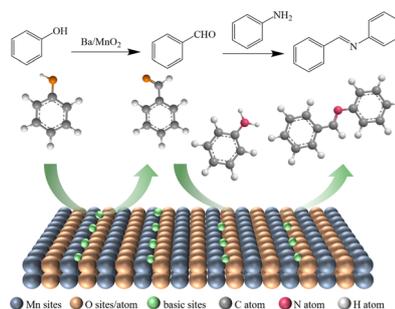
Mounika Kukudala, Sanjeev Kumar, Ruchi Chauhan, Mandeep Purwa, Abhilash Rana and Ajay K. Singh\*



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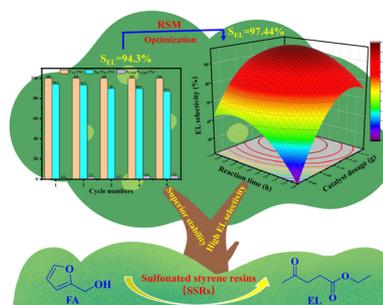
Qiang Bao,\* Wenhui Feng, Yunfeng Hu, Zhenlu Wang, Guoliang Wu, Zhirui Chen, HaoCheng Li and Chenguang Shi



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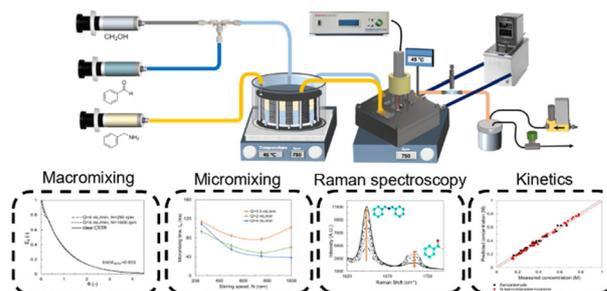
Yanhong Quan,\* Yesu Zhang and Jun Ren\*



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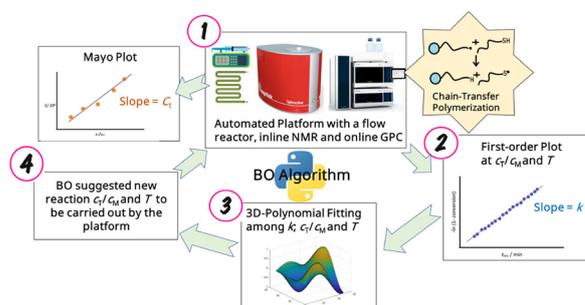
Eleni Grammenou, Andrea Friso, Simon Dawes, Nicholas Snead, Georgios Gkogkos, Maximilian O. Besenhard, Maria Mourkou, Federico Galvanin\* and Asterios Gavriilidis\*



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## A data-driven approach to the generalization of free radical polymerization kinetic models *via* automated flow chemistry

Amna Binte Asghar, Bo Zhang, Vianna F. Jafari and Tanja Junkers\*

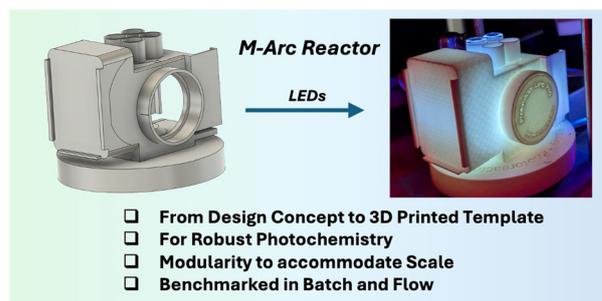




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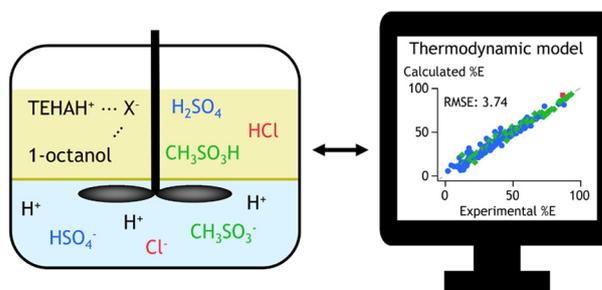
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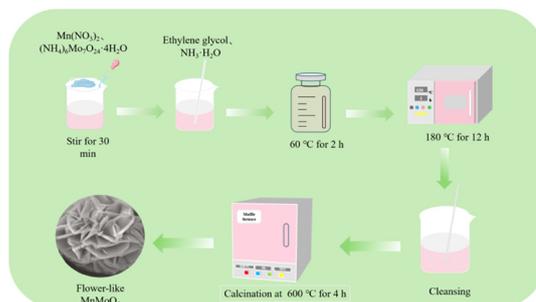
Rayco Lommelen\* and Koen Binnemans



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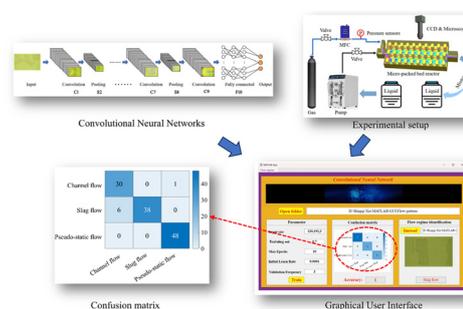
Xinjia Zhang, Jingmin Ma, Jian Hao, Jing Wang\* and Shimiao Peng



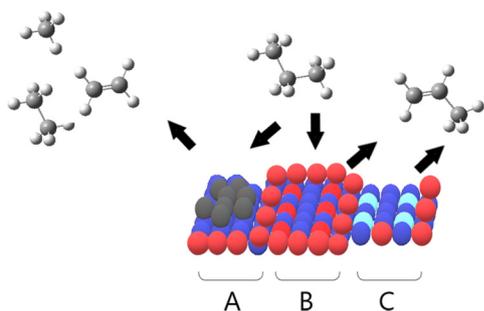
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Bingqi Xie, Yi Chen, Wangyang Ma, Yufeng Gao, Zihan Li, Jiacheng Zhou, Xueqing Ma, Wei Liu\* and Jisong Zhang\*



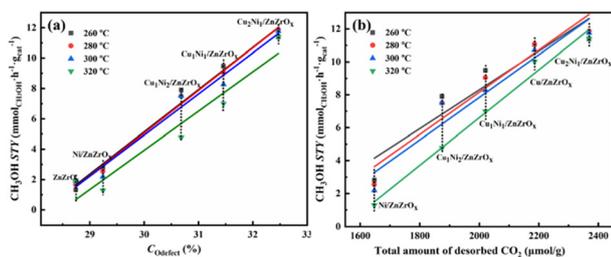
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### Pt–Ag and Pt–Ag–Sn bimetallic and trimetallic catalysts supported on $\gamma$ - $\text{Al}_2\text{O}_3$ for direct propane dehydrogenation

Ghasem Kasaeian, Cavus Falamaki,\*  
Mehrdad Mozaffarian\* and Reihaneh Darougehi

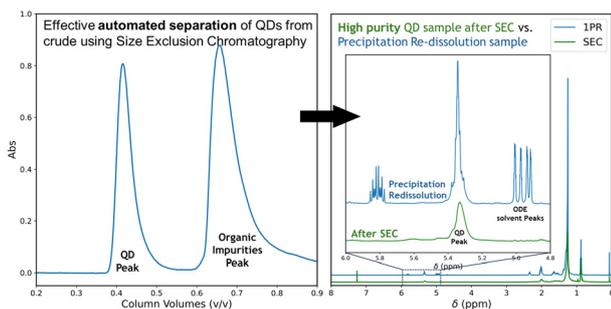
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Zhisheng Shi,\* Chaofan Liu, Yilong Wu, Nannan Ge,  
Xueling Wei, Linhua Chu,\* Xingyang Li\* and Mei Xiang\*

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