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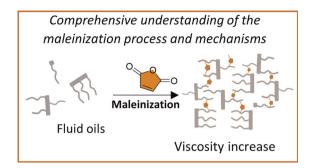


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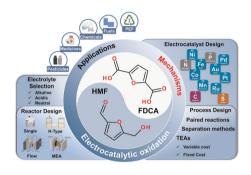


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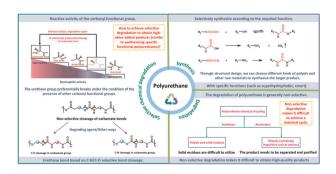
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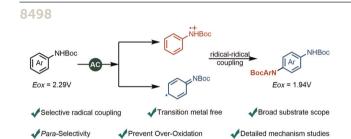


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Qiangwei Li, Le-Cheng Wang and Xiao-Feng Wu\*

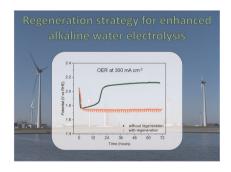


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#### Regeneration of iron species for high and stable activity of nickel electrodes in the oxygen evolution reaction

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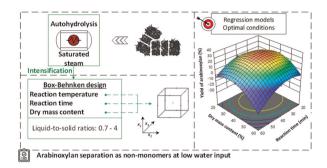
Efficient harvesting of electricity, aromatic aldehydes and H<sub>2</sub> from lignin over nanoflower-like cobalt-based bifunctional electrocatalysts

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Stanislav Parsin\* and Martin Kaltschmitt



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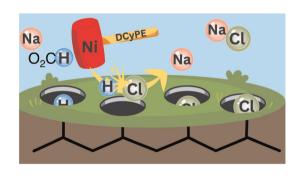
Shide Lv, Mingming Yu,\* Yinglong Ni, Tiantian Huang, Hong Yi\* and Aiwen Lei\*



✓ General H donor 
✓ Detailed mechanistic studies: CV, SWV and kinetic

Nickel catalyzed hydrodechlorination and CO functionalization of polyvinyl chloride

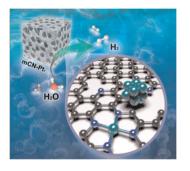
Ayon Das and Megan E. Fieser\*



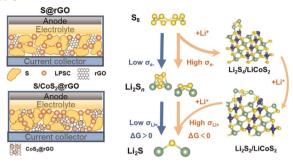
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Covalent organic framework-derived highly dispersed Pt single atoms collaborate with Pt nanoclusters electrocatalyst for acid hydrogen evolution

Huihui Zhao, Xinghao Zhang, Chengcheng Yu, Wenya Gao, Xiuxiu Chen, Haikuo Lan, Xiaorong Xin, Kang Liu and Dingxuan Ma\*



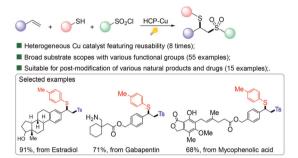
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#### Overcoming the conversion reaction limitation with a dual-phase sulfide-based cathode for all-solid-state lithium-sulfur batteries

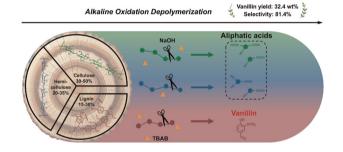
Ruojian Ma. Yingzuo He, Minghao Ruan, Ruyi Fang,\* Xinxu Wang, Jun Zhang, Yongping Gan, Xinping He, Hui Huang, Xinhui Xia, Wenkui Zhang, Xinyong Tao, Min Fan and Yang Xia\*

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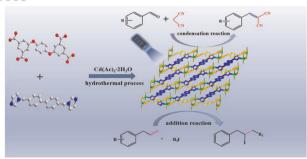
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Lijie Chen, Kai Zhang, Yajing Shen,\* Zhen Chen\* and Weiwei Fang\*



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Junhao Wang, Baoyin An, Pengfei Li, Huili Zhang and Yunming Fang\*



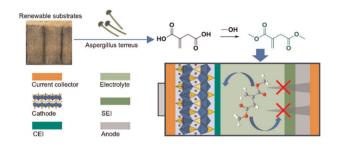
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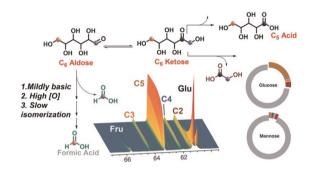
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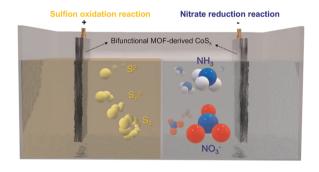
Stefan S. Warthegau, Mette-Maya Siewertsen, Robert Madsen and Sebastian Meier\*



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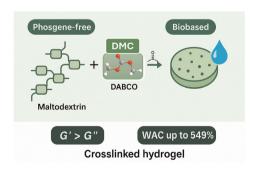
Kwangyeol Baek, Tianlei Li, Changsoo Lee, Wenzhen Li\* and Kwiyong Kim\*



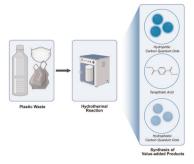
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Single step, one-pot, catalyst-free upcycling of polyethylene terephthalate into biphasic carbon dots and high-purity terephthalic acid

Kevin Brian, Mahmoud Elbeh, Mohammed Abdelhameed, Batoul Khlaifat, Fatma Alrebh, Liaqat Ali, Batool Abedrabbo, Brijith Thomas and Khalil B. Ramadi\*