

Industrial Chemistry & Materials

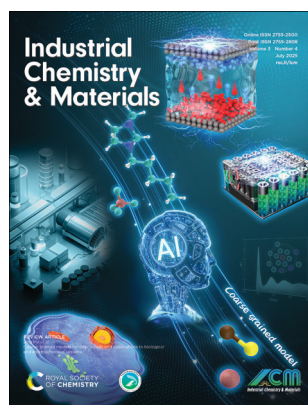
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Cover

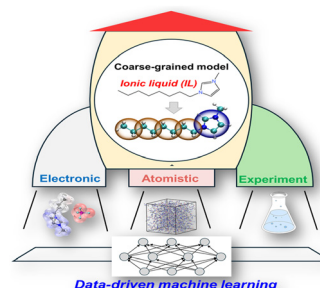
See Jing Ma *et al.*,
pp. 383–411.
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REVIEWS

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Coarse-grained models for ionic liquids and applications to biological and electrochemical systems

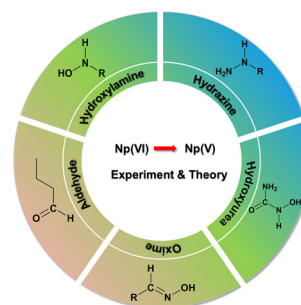
Yang Ge, Qiang Zhu, Xueping Wang and Jing Ma*



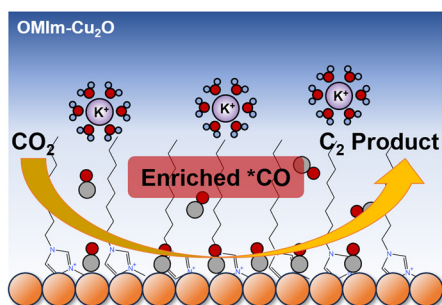
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Experimental and theoretical progress on the reduction of Np(VI) with salt-free reagents in the PUREX process

Xin Huang, Xiao-Bo Li, Qun-Yan Wu* and Wei-Qun Shi*



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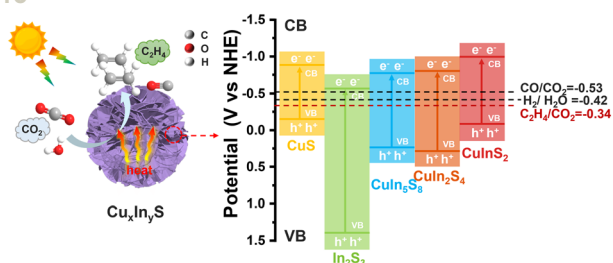


Imidazolium ligand-modified Cu_2O catalysts for enhancing C_{2+} selectivity in CO_2 electroreduction via local $^*\text{CO}$ enrichment

Rongzhen Chen, Ling Zhang and Yuhang Li*

PAPERS

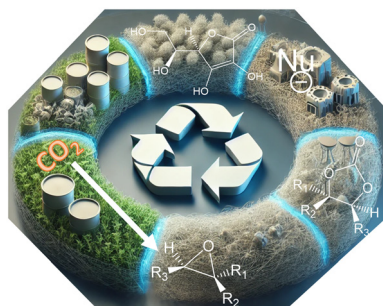
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Tuning the band gap energy of $\text{Cu}_x\text{In}_y\text{S}$ for superior photothermocatalytic CO_2 conversion to C_2H_4

Longlong Wang, Ruirui Wang,* Shuang Wei, Kexin Li, Hasnain Nawaz, Bin He, Mengyue Li and Ruixia Liu*

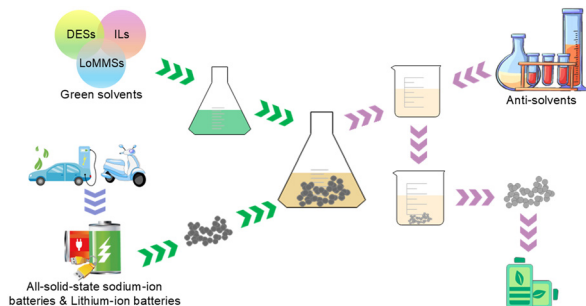
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Systematic investigation of the role of the epoxides as substrates for CO_2 capture in the cycloaddition reaction catalysed by ascorbic acid

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Green recovery of all-solid-state sodium-ion batteries/lithium-ion batteries by ionic liquids, deep eutectic solvents and low-melting mixture solvents

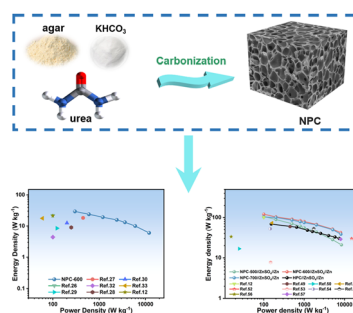
Yu Chen,* Guojian Zhao, Jiayi Dong, Jing Wang, Dexin Dong, Zheng Li, Mengxi Zhao, Zhuojia Shi and Zihang Niu



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Nitrogen doped hierarchical porous carbon for supercapacitors and zinc ion hybrid capacitors

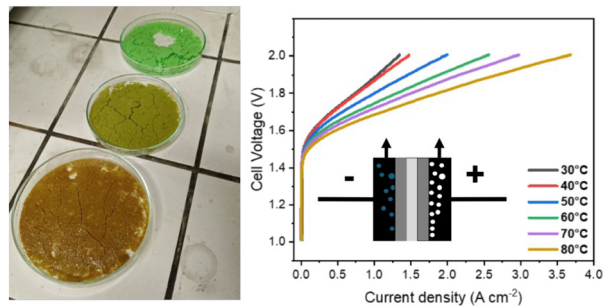
Jun Ni, Weijian Chen, Xinyang Zhang, Hui Xu, Minghui Zhang* and Xiaoliang Wu*



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Amorphous nanostructured Ni-Fe oxide as a notably active and low-cost oxygen evolution reaction electrocatalyst for anion exchange membrane water electrolysis

Lorenzo Mirizzi, Mohsin Muhyuddin, Carmelo Lo Vecchio, Erminia Mosca, Vincenzo Baglio, Irene Gatto, Enrico Berretti, Alessandro Lavacchi, Valerio C. A. Ficca, Rosanna Viscardi, Roberto Nisticò* and Carlo Santoro*



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