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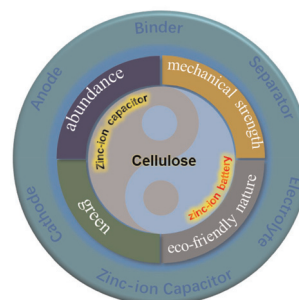
Fundamental questions
Elemental answers

TUTORIAL REVIEWS

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Rational modulation of cellulose for zinc ion-based energy storage devices

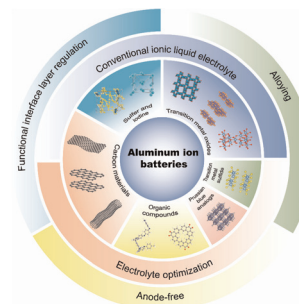
Penggao Liu,* Chunrong He, Xinyue Chen, Ting Wang, Wei Song, Weifang Liu and Kaiyu Liu



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Toward the next generation of sustainable aluminum-ion batteries: a review

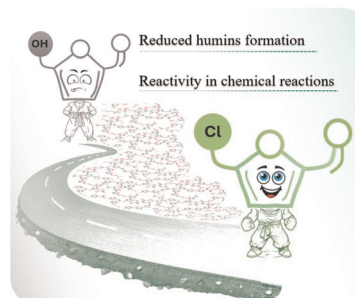
Jiajin Zhao, Yan Chen, Ziqi An, Mengyan Zhang, Wenfeng Wang, Qiubo Guo, Yuan Li, Shumin Han* and Lu Zhang*



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A comparative study of 5-(chloromethyl)furfural and 5-(hydroxymethyl)furfural

Sabah Karimi, Saeideh Gharouni Fattah, Zheng Li,* Miao Zuo, Mahmoud Nasrollahzadeh* and Xianhai Zeng*



PERSPECTIVE

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Green chemistry startups: some lessons learned

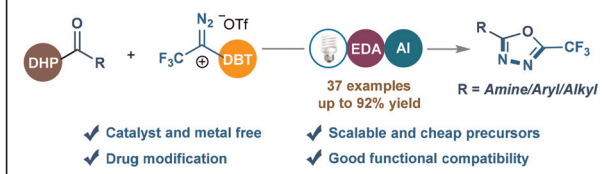
Jason P. Hallett



COMMUNICATION

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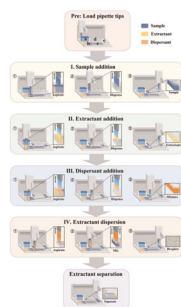
Construction of 1,3,4-Oxadiazoles via Electron Donor-Acceptor complex

EDA complex-mediated [3 + 2] cyclization for the synthesis of CF₃-oxadiazoles

Mengjun Huang, Guoqiang Wang, Heyin Li, Zhenlei Zou, Xingye Jia, Georgios Karotsis, Yi Pan, Weigang Zhang,* Jing Ma* and Yi Wang*

PAPERS

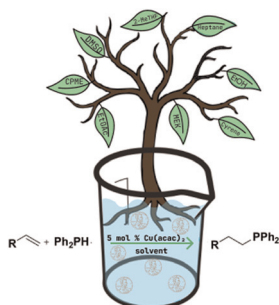
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Bio-derived solvent-based automated dispersive liquid–liquid microextraction for pretreatment of diamide insecticides in environmental water samples

Jin Liu, Yuxin Wang, Rui Song, Yukun Yang, Li Li* and Xu Jing*

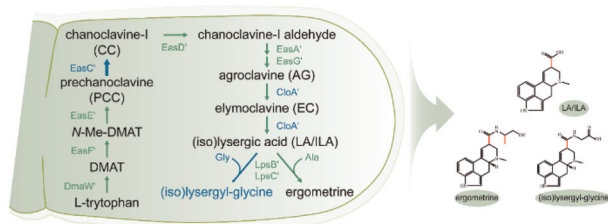
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Neoteric solvents for exploratory catalysis: hydrophosphination catalysis with CHEM21 solvents

Emma J. Finfer and Rory Waterman*

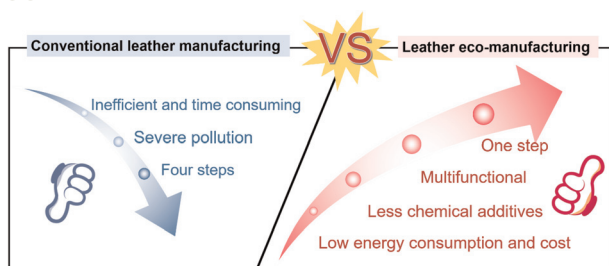
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Engineering industrial fungus *Aspergillus oryzae* for the sustainable biosynthesis of ergot alkaloids

Meili Xiao, Yan Wang, Lu Yu, Xing Yan, Zhihua Zhu, Ernuo Tian, Yinmei Wang, Gen Zou,* Zhihua Zhou* and Pingping Wang*



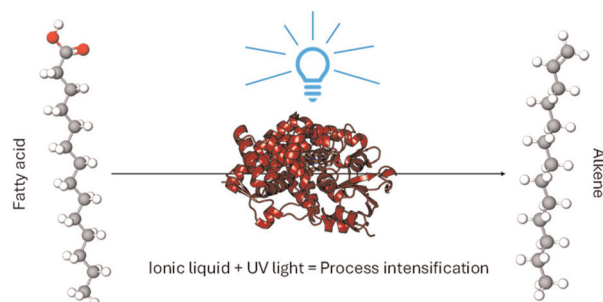
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"One-for-all" on-demand multifunctional fluorescent amphoteric polymers achieving breakthrough leather eco-manufacturing evolution

Chao Wei, Xuechuan Wang,* Shuang Liang, Xiaoliang Zou, Long Xie and Xinhua Liu*

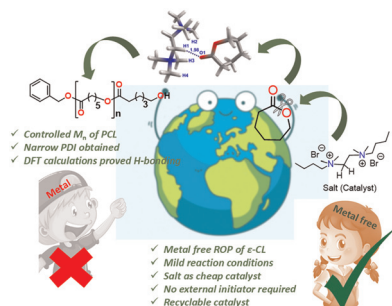
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Enhancing the reactivity of a P450 decarboxylase with ionic liquids

Jake H. Nicholson, Mayara Chagas de Avila, Ricardo Rodrigues de Melo, Leticia Maria Zanzporlin and Alex P. S. Brogan*

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Green synthesis of poly ϵ -caprolactone using a metal-free catalyst *via* non-covalent interactions

Shweta Sagar, Priyanku Nath, Shiva Lall Sunar, Aranya Ray, Mridula Choudhary, Alok Sarkar,* Saurabh K. Singh* and Tarun K. Panda*

