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IN THIS ISSUE

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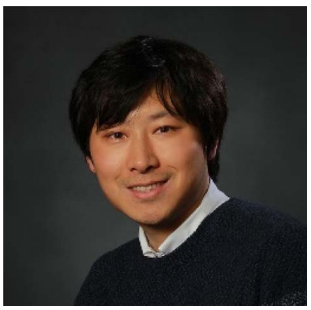
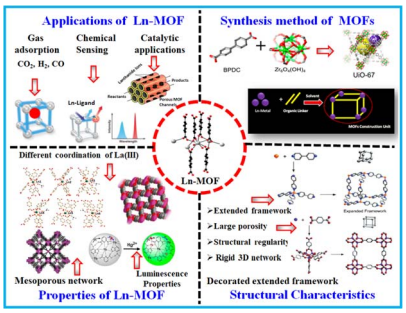
Cover
See Tomonari Tanaka *et al.*, pp. 875–880. Image reproduced by permission of Tomonari Tanaka from *RSC. Sustainability.*, 2025, **3**, 875.

Inside cover
See Masahiro Goto *et al.*, pp. 881–889. Image reproduced by permission of Masahiro Goto from *RSC. Sustainability.*, 2025, **3**, 881.

EDITORIAL



CRITICAL REVIEWS



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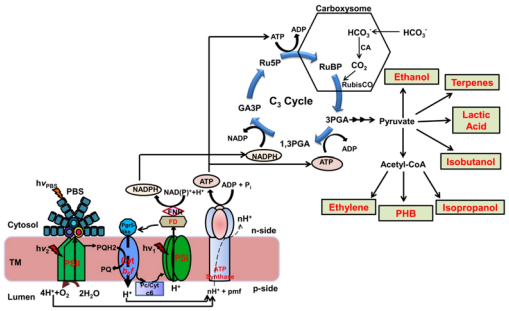
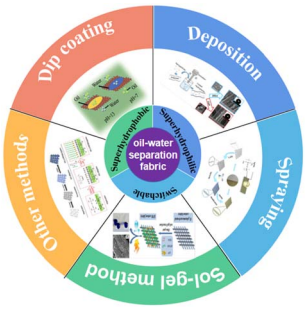
Fundamental questions
Elemental answers

CRITICAL REVIEWS





TUTORIAL REVIEWS

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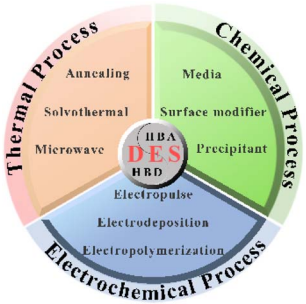


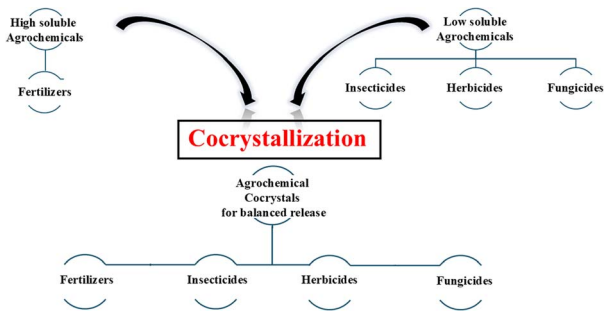
A review of designable deep eutectic solvents for green fabrication of advanced functional materials

Zheng Wang, Xinhui Zhao, Yu Chen, Cong Wei* and Jingyun Jiang*

Electrification of fertilizer production *via* plasma-based nitrogen fixation: a tutorial on fundamentals

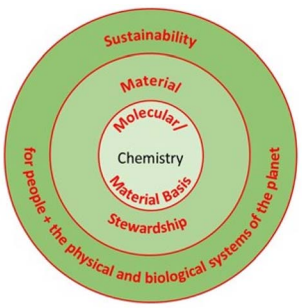
Mikhail Gromov,* Yury Gorbanev, Elise Vervloessem, Rino Morent, Rony Snyders, Nathalie De Geyter, Annemie Bogaerts and Anton Nikiforov

PERSPECTIVES



Sustainable by (crystal) design: novel materials for agriculture *via* active ingredient cocrystallization

Mohamed Ammar, Sherif Ashraf, Diego Alexander Gonzalez-Casamachin and Jonas Baltrusaitis*



MATERIAL STEWARDSHIP
Attention to:

- **stocks and flows of ALL elements in the Periodic Table**
- **Sustainability Frameworks and tools**
- **Chemistry orientations and movements**

Inventing a secure future: material stewardship as chemistry's mission for sustainability

Stephen A. Matlin,* Sarah E. Cornell, Klaus Kümmerer, Peter G. Mahaffy and Goverdhan Mehta

PAPERS

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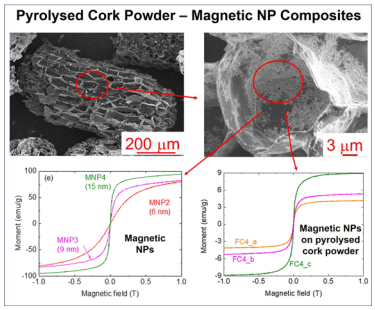

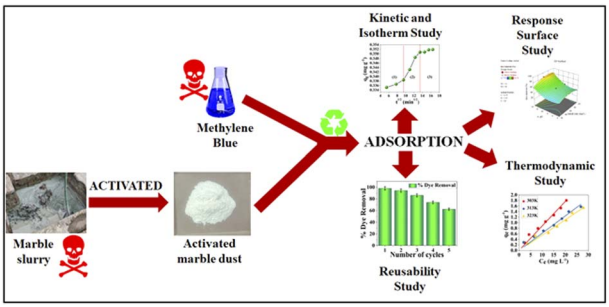

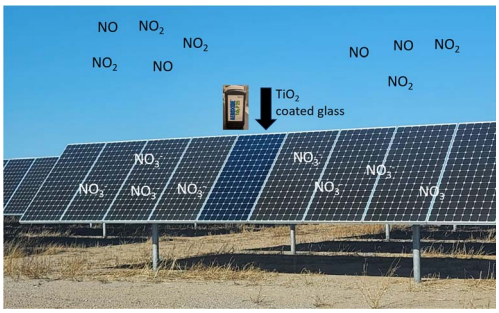

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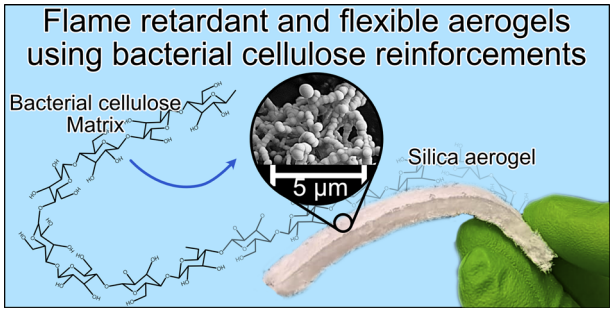

CORRECTION