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## IN THIS ISSUE

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### Cover

See Luca Prodi, Pierre Picchetti *et al.*, pp. 7769–7869. Image reproduced by permission of Pierre Picchetti from *Chem. Soc. Rev.*, 2025, 54, 7769.



### Inside cover

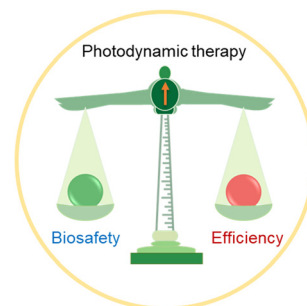
See Xingshu Li, Hua Zhang, Juyoung Yoon *et al.*, pp. 7749–7768. Image reproduced by permission of Juyoung Yoon from *Chem. Soc. Rev.*, 2025, 54, 7749.

## TUTORIAL REVIEW

7749

### Enhancing biosafety in photodynamic therapy: progress and perspectives

Yuan-Yuan Zhao, Lu Lu, Hyunsun Jeong, Heejeong Kim, Xingshu Li,\* Hua Zhang\* and Juyoung Yoon\*

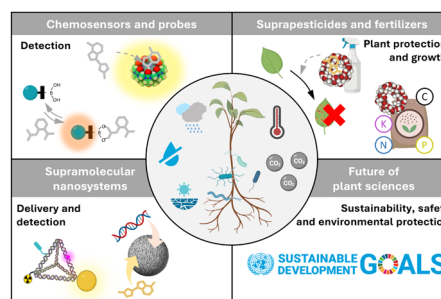


## REVIEW ARTICLES

7769

### Supramolecular chemistry for optical detection and delivery applications in living plants

Maria Vittoria Balli, Frank Biedermann, Luca Prodi\* and Pierre Picchetti\*



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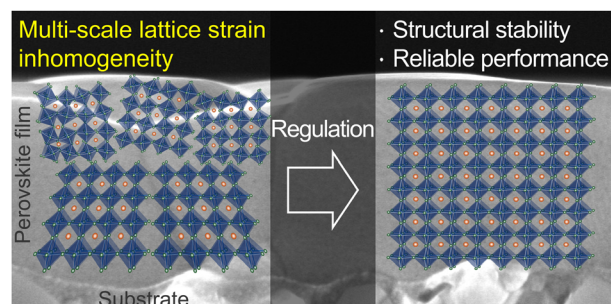
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## REVIEW ARTICLES

7870

### Lattice strain inhomogeneity in halide perovskite films: its origins and regulations

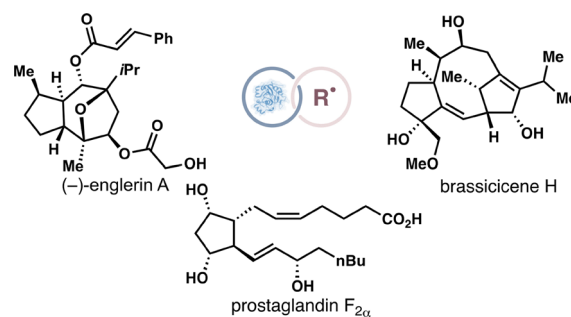
Yun-Kyeong Hong, Yu-Na Lee and Hui-Seon Kim\*



7913

### Combining biocatalytic and radical retrosynthesis for efficient chemoenzymatic synthesis of natural products

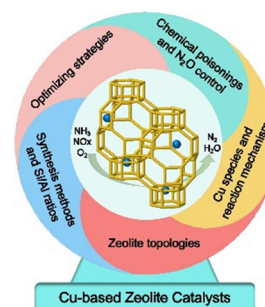
Hans Renata



7933

### Tailoring Cu-based small-pore zeolites towards NH<sub>3</sub>-SCR for NO<sub>x</sub> abatement

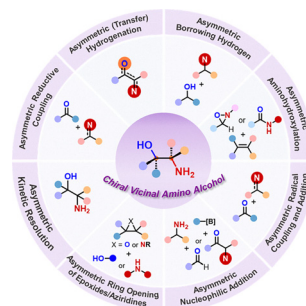
Jinfeng Han, Dan Li and Jihong Yu\*



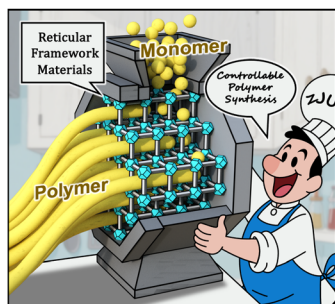
7966

### Recent advances in catalytic enantioselective synthesis of vicinal amino alcohols

Xu Yan, Wei Feng, Jiong Xu Ng, Jiabin Li, Ying Liu, Bo Zhang,\* Pan-Lin Shao\* and Yu Zhao\*



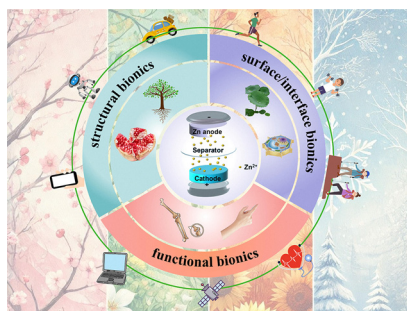
8019



### Reticular framework materials as versatile platforms for controllable polymer synthesis

Zhiwei Xing, Sai Wang\* and Qi Sun\*

8071



### Biomimetic design for zinc-based energy storage devices: principles, challenges and opportunities

Jian Song, Qian Zhang,\* Guangjie Yang, Kai Qi, Xue Li,\* Zhenlu Liu, Haoqi Yang,\* Ho Seok Park, Shaohua Jiang, Jingquan Han, Shujian He\* and Bao Yu Xia\*

