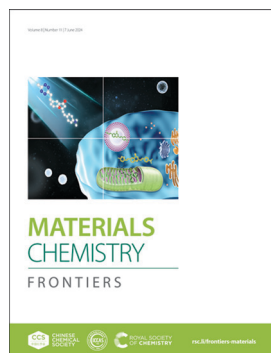


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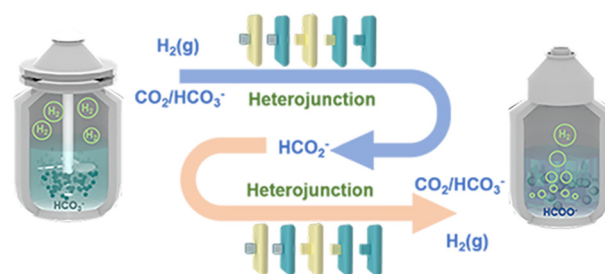
See Hong Yang, Yulin Tian *et al.*, pp. 2341-2349. Image reproduced by permission of Yulin Tian from *Mater. Chem. Front.*, 2024, 8, 2341.

REVIEWS

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Heterojunction catalysts for CO₂-HCOOX interconversion cycles

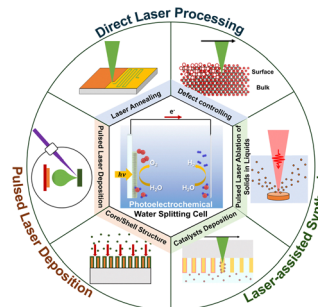
Yu-Shuai Xu, Dong Xu, Jie-Sheng Chen and Xin-Hao Li*



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Recent advances in vacuum- and laser-based fabrication processes for solar water-splitting cells

Jinhyeong Kwon, Seonmi Ko, Hyeonwoo Kim, Hyo Jin Park, Changwook Lee and Junyeob Yeo*



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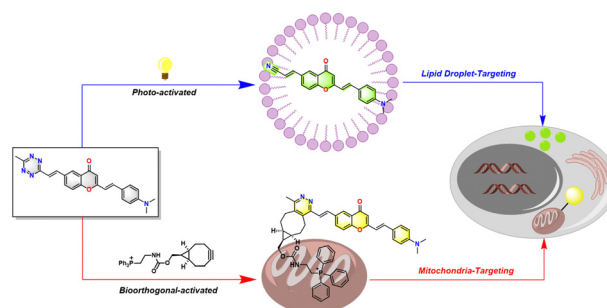


RESEARCH ARTICLES

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Tetrazine-derived chromones as conditionally activated solvatochromic fluorescent probes for dual imaging of lipid droplets and mitochondria

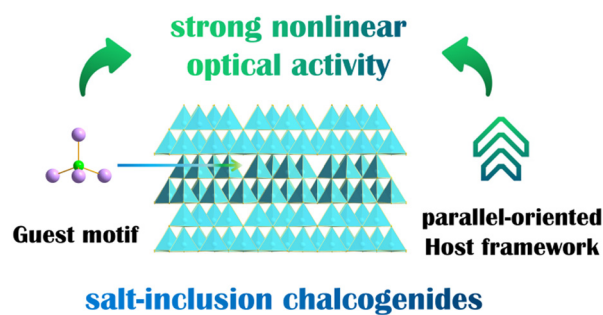
Rongrong Zhang, Yu Teng, Gaochang Shao, Yanhong Wang, Hong Yang* and Yulin Tian*



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Salt-inclusion sulfides $[K_4Cl][M^{II}_{11}In_9S_{26}]$ ($M^{II} = Zn, Cd$) displaying robust nonlinear optical activity

Yang-Ping Zhang, Shao-Min Pei, Xiao-Ming Jiang, Bin-Wen Liu* and Guo-Cong Guo*



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Tetrasubstituted imidazole derivatives and their imidazolium: photophysical properties in the aggregate state and application for adenosine detection

Xin Zhao and Yuping Dong*

