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Cover
See Duane Choquesillo-Lazarte *et al.*, pp. 88–100.
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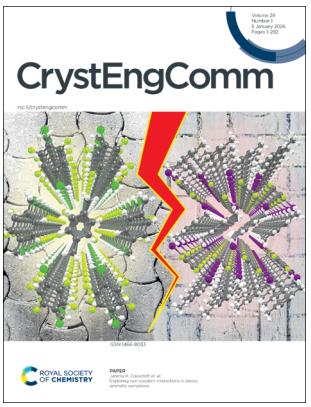

Inside cover
See Jeremy K. Cockcroft *et al.*, pp. 101–111.
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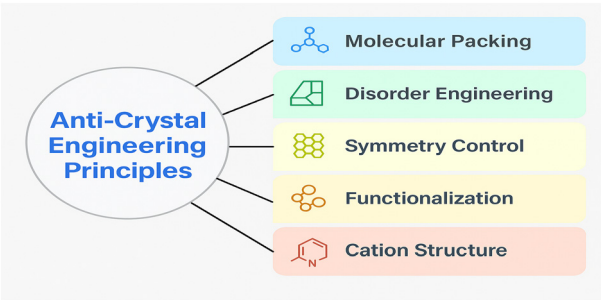
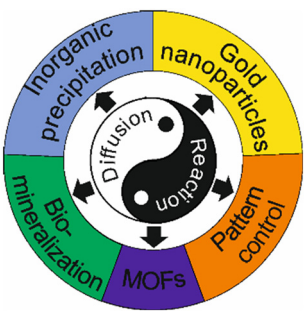
TUTORIAL REVIEW



HIGHLIGHTS



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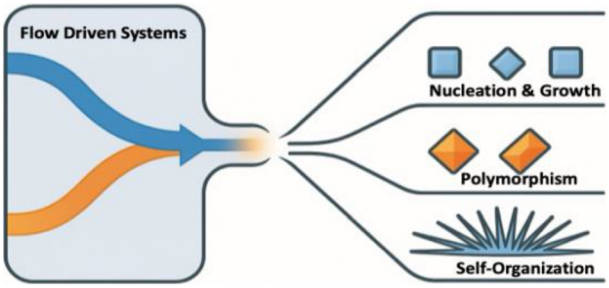

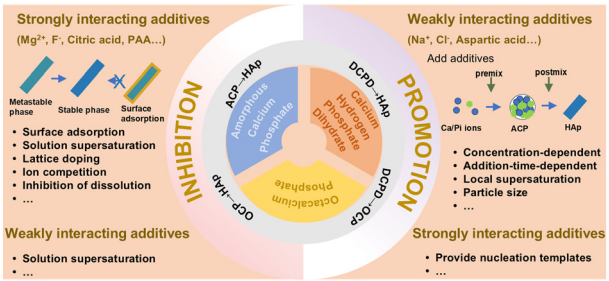

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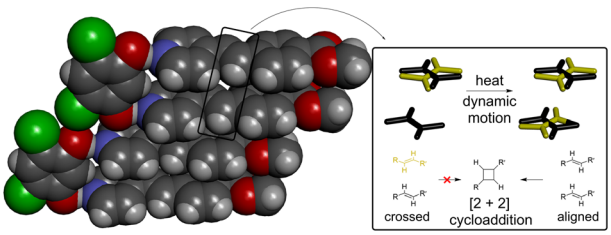

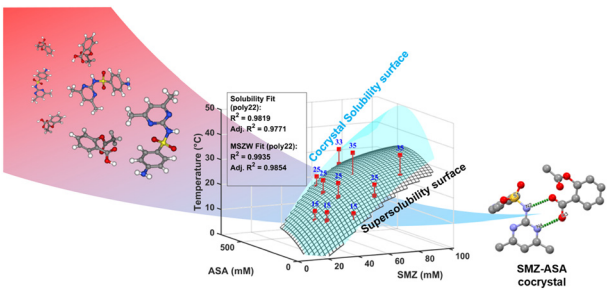

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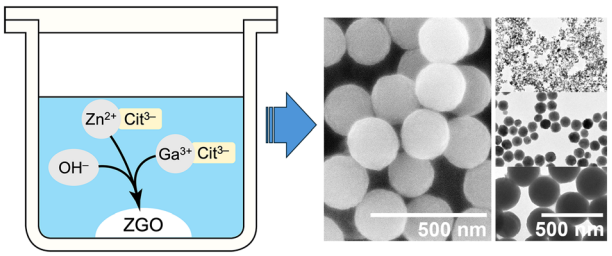

Size-controlled synthesis of monodisperse zinc gallium oxide particles *via* coprecipitation under hydrothermal conditions using trisodium citrate

Fumiyuki Shiba,* Naoki Koyama and Yusuke Okawa

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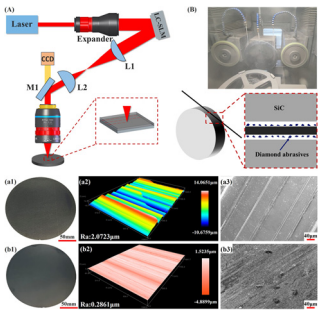

Comparative study on substrate quality of laser slicing and wire saw slicing for SiC wafers

Jianfei Zhang, Yiyang Chen, Linlin Che, Bixue Li, Xing Zhang, Haoyu Fan, Qingyu Li, Jiawei Wang, YuFeng Xue, Yangyang Jia, Qiu Chen,* Xiufang Chen* and Rongkun Wang*

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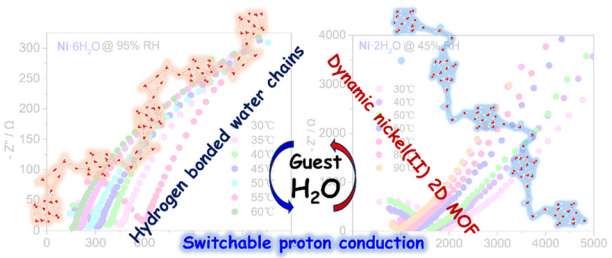

Guest water-induced reversible regulation of proton conduction in a two-dimensional nickel(II) coordination polymer

Ao-Na Sun, Fu-Wan Dong, Yi-Chen, Si-Chen Zhang, Rui-Han Liu, Junlun Zhu and Dong Shao*

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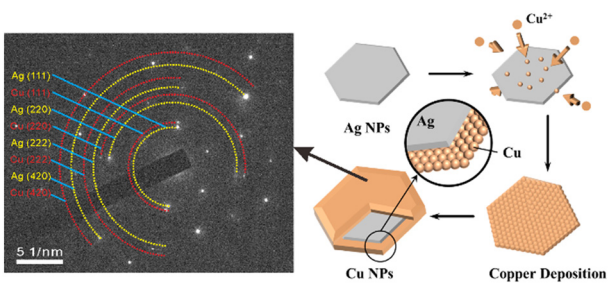

Seed-mediated growth for aspect-ratio-tunable copper nanoplates

Yu Zhou, Ying Liang,* Bin Fang, Shuanglong Yuan and Zhen Zhang*

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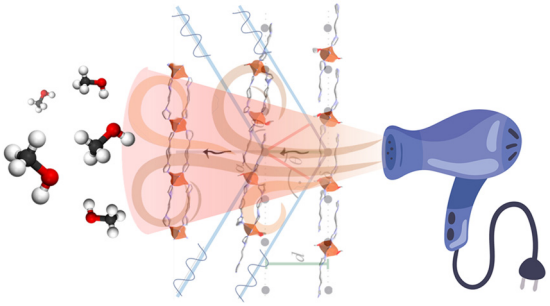

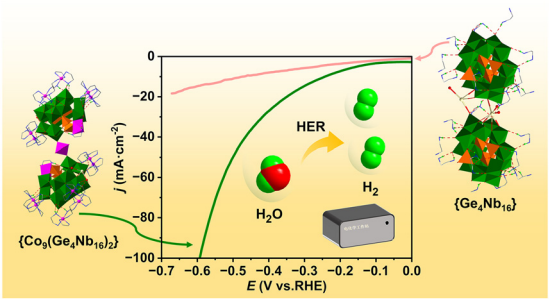

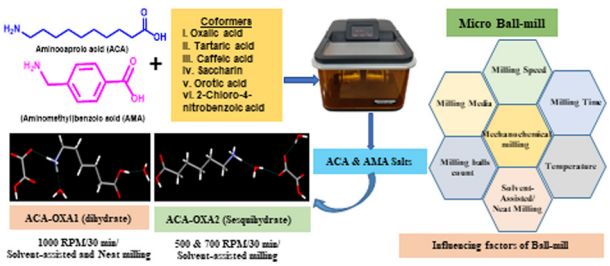

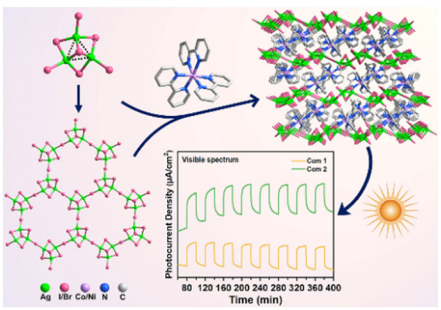

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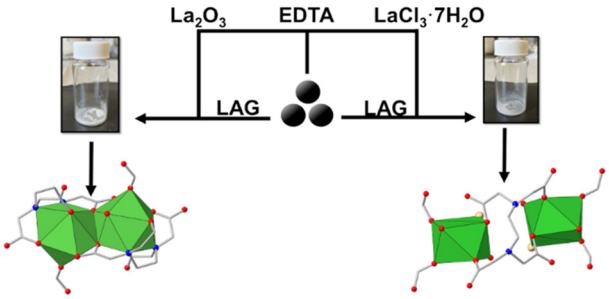

Mechanochemical synthesis and micro-electron diffraction analysis of rare earth–aminopolycarboxylate coordination compounds

Ecem Çelik, Pierre Le Magueres, Eric W. Reinheimer, Korey P. Carter* and Tori Z. Forbes*

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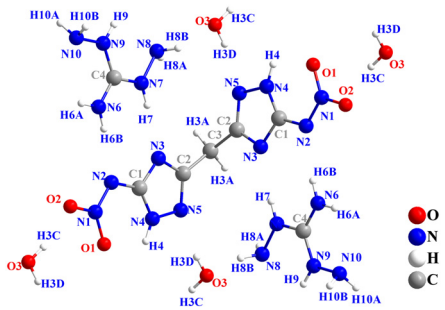

Nitrogen-rich energetic salts of 5,5′-dinitramino-3,3′-methylene-1*H*-1,2,4-bistriazolate: powerful alliance towards good thermal stability and high performance

Yanna Wang, Xiaoming Yang, Xinrui Li, Jun Zhao, Qi Wang, Tonglai Zhang and Zhimin Li*

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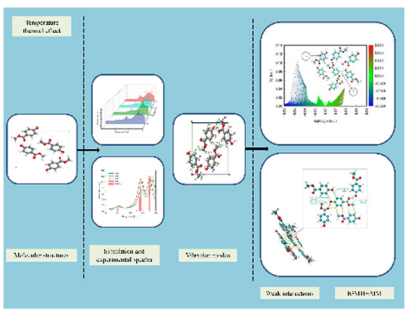

Study on terahertz spectroscopy and weak intermolecular interactions of methylparaben under temperature effects

Yuan Tang, Xiaojie Wang, Tao Chen,* Daoguo Yang, Yueting Huang and Xianyan Huang