

IN THIS ISSUE

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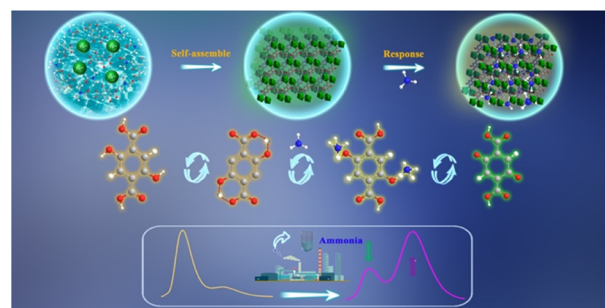
See Isabelle M. Jones, Stephen A. Moggach *et al.*, pp. 6533–6538.
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COMMUNICATION

6528

A dual-emission Tb-based MOF induced by ESPT for ratiometric ammonia sensing

Yuming Zhao, Rudie Zhang, Cheng Xiao, Dan Yue, Bowen Qin, Jinhui Liu,* Zhenling Wang* and Yu Fu*

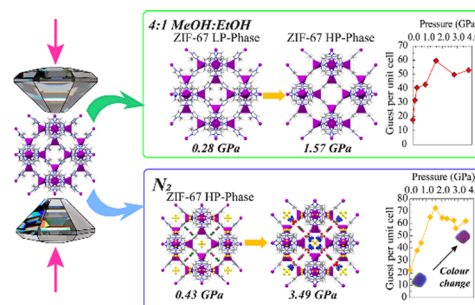


PAPERS

6533

High-pressure induced guest-mediated gate opening behaviour of the Co-based framework ZIF-67

Isabelle M. Jones,* Gemma F. Turner, Kari Pitts, Rees Powell, Alan Riboldi-Tunnicliffe, Rachel Williamson, Stephanie Boer, Lauren Allen and Stephen A. Moggach*



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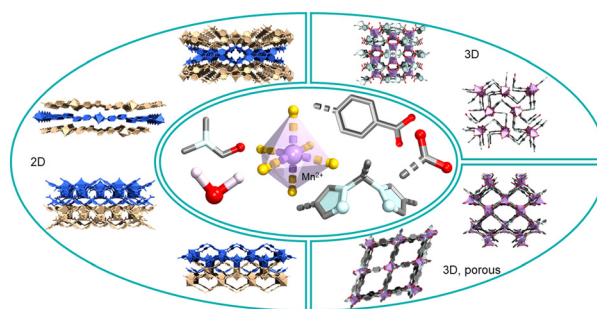
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6539

Understanding the structural landscape of Mn-based MOFs formed with hinged pyrazole carboxylate linkers

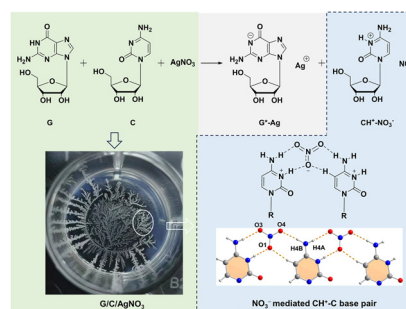
Josephine F. Smernik, Pol Gimeno-Fonquernie, Jorge Albalad, Tyla S. Jones, Rosemary J. Young, Neil R. Champness, Christian J. Doonan, Jack D. Evans and Christopher J. Sumby*



6549

A linear $\text{CH}^+-\text{NO}_3^-$ base pair motif promoted by AgNO_3 mediated proton transfer between guanosine and cytidine

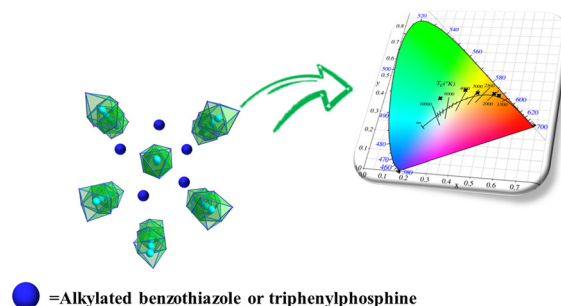
Qiong Wu, Yingying Chai, Ridong Huang, Hai Chen and Yang He*



6556

Regulating the crystal and electronic structures and optical properties of hybrid bromoplumbates with alkylated N, S- or P-containing aromatic cations

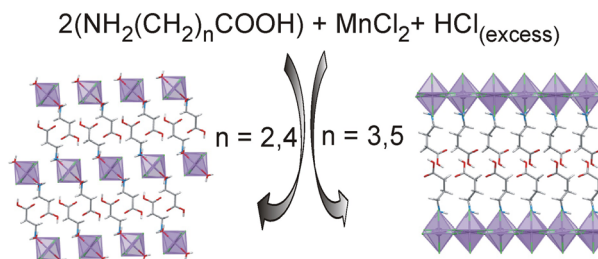
Cheng-Cheng Gao, Xue-Na Tang, Jing-Ling Miao, Yu Li, Cuncheng Li and Guang-Ning Liu*



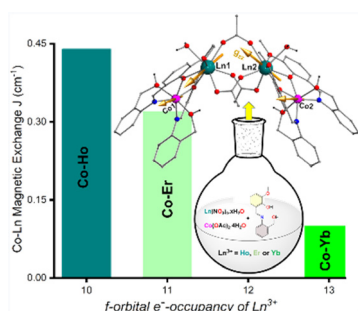
6568

The odd-even effect in *n*-carboxyalkylammonium-containing organic-inorganic hybrids of Mn(II) halides: structural and magnetic characterisation

Shalene N. Bothma, Charles J. Sheppard, Mark M. Turnbull, Christopher P. Landee and Melanie Rademeyer*



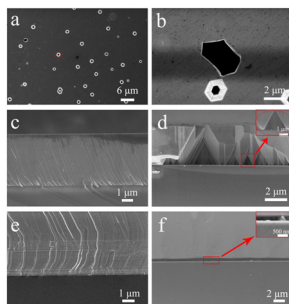
6592



Ferromagnetically coupled $\text{Co}^{\text{II}}_2\text{Ln}^{\text{III}}_2$ complexes (where $\text{Ln}^{\text{III}} = \text{Ho}, \text{Er}, \text{Yb}$): experimental and theoretical investigations

Naushad Ahmed* and Prem Prakash Sahu

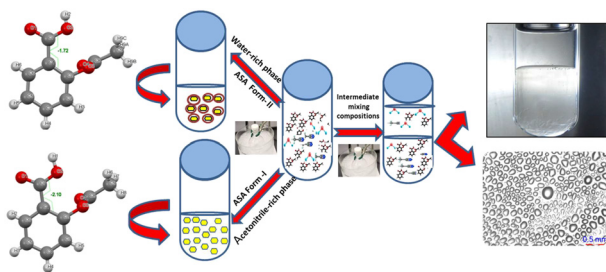
6602



Preparation of controllable double-selective etched porous substrate for HVPE growth of GaN crystals with excellent optical properties

Baoguo Zhang, Haixiao Hu, Xiaogang Yao, Yongzhong Wu, Yongliang Shao* and Xiaopeng Hao*

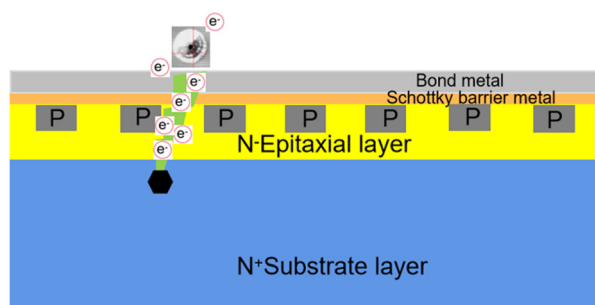
6611



Liquid-liquid phase separation and crystallization of aspirin polymorphs from a water-acetonitrile mixed solvent medium through a swift cooling process

Ramya Muthusamy and Srinivasan Karuppanan*

6622



Effects of defects in a 4H-SiC material on the breakdown behavior of a Schottky barrier diode

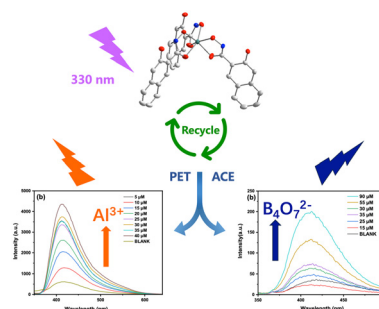
Xuexia Zhang, Yanfang Lou,* Tuo Chen Gong, Guangming Wang, Jing Yao, Qing Yong, Tonghua Peng, Jian Yang and Chunjun Liu*



6627

Efficient detection of Al^{3+} and $\text{B}_4\text{O}_7^{2-}$ over trigonal prism $\text{In}(\text{III})$ complex

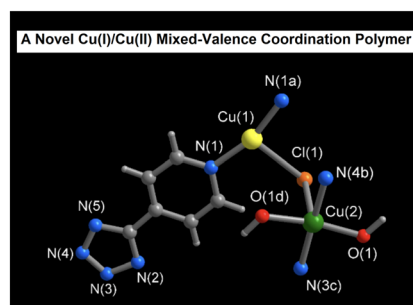
Rui Wang, Nan Jiang, Rong Luo, Hai-Jun Yu, Yi Yin, Shuang-Yu Bi, Dong-Mei Zhang and Feng Shao*



6635

Fine-tuning synthesis of a novel $\text{Cu}^{\text{I}}/\text{Cu}^{\text{II}}$ mixed-valence coordination polymer

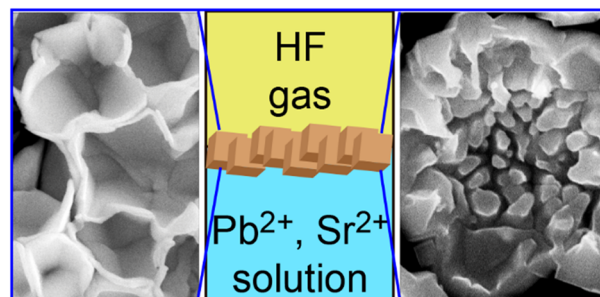
Shu-Ling Sie, Surabhi Kamal, Zong-Zhan Lu, Ling-Fang Wei, Tzuoo-Tsair Luo, Yen-Hsiang Liu,* Chao-Wan Chang,* Kai-Ming Chi* and Kuang-Lieh Lu*



6644

Design of $\text{Pb}_{1-x}\text{Sr}_x\text{F}_2$ hollow crystals with gas-solution interfacial reactions

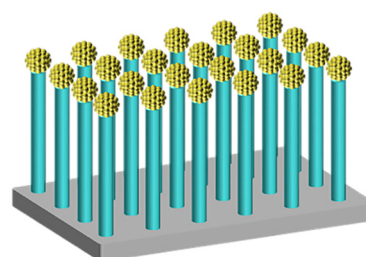
Larisa B. Gulina,* Igor A. Kasatkin, Valeri P. Tolstoy, Denis V. Danilov, Natalia V. Platonova and Igor V. Murin



6650

InN nanorod/ $\text{Ni}(\text{OH})_2$ heterojunction photoelectrode for efficient photoelectrochemical water splitting

Mengzhou Wu, Haoyang Wu, Shaohua Xie, Wenliang Wang* and Guoqiang Li*



$\text{InN}/\text{Ni}(\text{OH})_2$ heterojunction

