Journal of Materials Chemistry C

Materials for optical, magnetic and electronic devices

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IN THIS ISSUE

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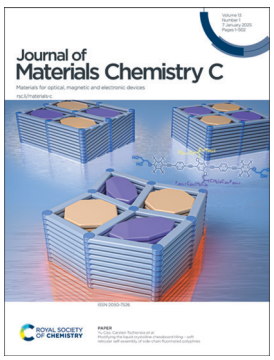

Cover
See Yu Cao, Carsten Tschierske *et al.*, pp. 37–53.
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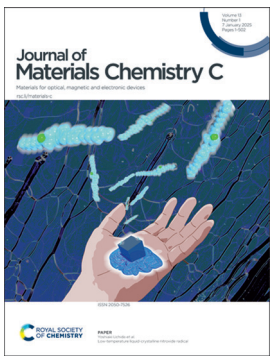

Inside cover
See Yoshiaki Uchida *et al.*, pp. 54–60.
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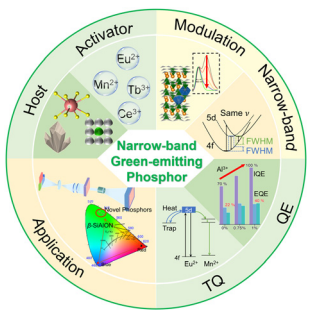
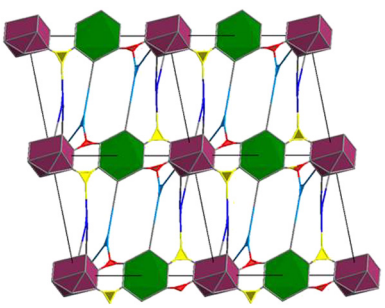
REVIEW



COMMUNICATION



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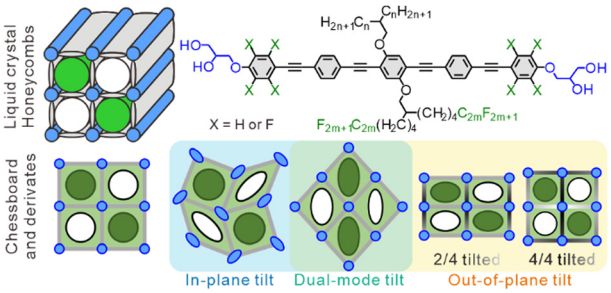

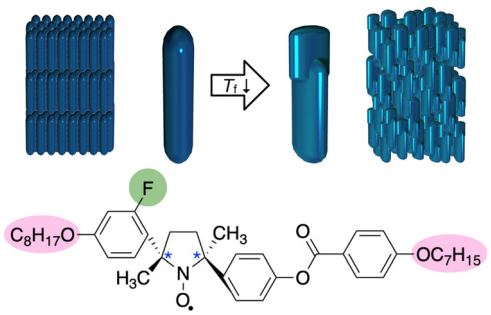

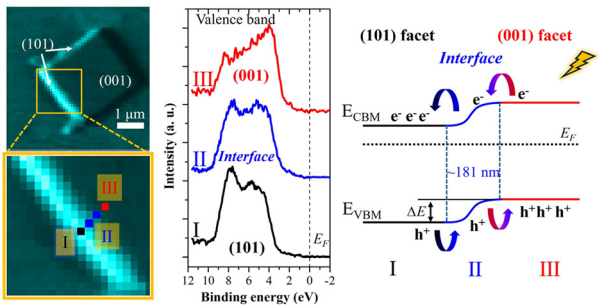

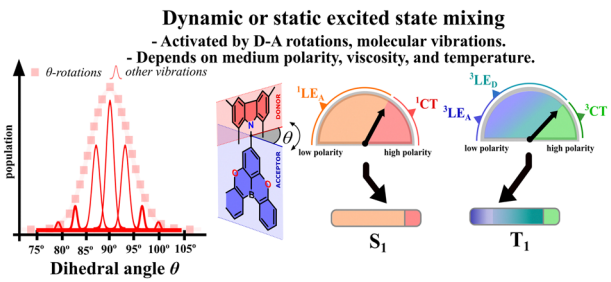

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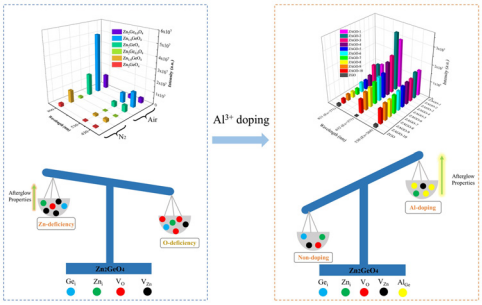

Ternary afterglow and dynamic anti-counterfeiting applications of self-activated zinc germanate

Tianyu Hu, Jie Yu, Qiqi Zeng, Cong Zhang, Yuanjie Teng, Kang Shao and Zaifa Pan*

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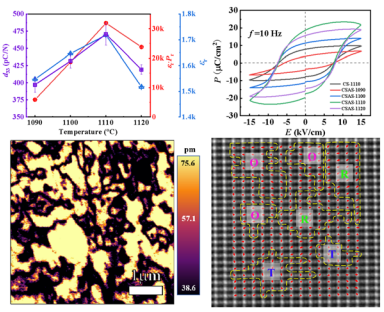

Enhanced electrical properties of lead-free sodium potassium niobate piezoelectric ceramics prepared *via* cold sintering assisted sintering

Yao Huang, Xinyue Song, Renbing Sun, Hai Jiang, Peng Du and Laihui Luo*

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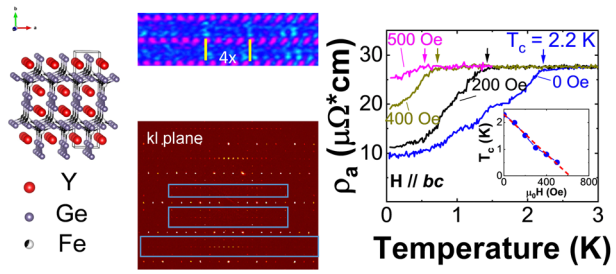

Emergence of heavy-fermion behavior and distorted square nets in partially vacancy-ordered $Y_4Fe_xGe_8$ ($1.0 \leq x \leq 1.5$)

Hengdi Zhao, Xiuquan Zhou, Mohammad Usman, Ramakanta Chapai, Lei Yu, Jianguo Wen, Hyowon Park, Alexios P. Douvalis, Patricia E. Meza, Yu-Sheng Chen, Ulrich Welp, Stephan Rosenkranz, Duck Young Chung and Mercouri G. Kanatzidis*

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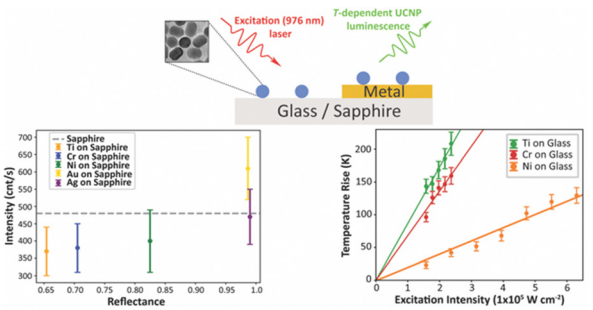

Metal surface effects on single upconverting nanoparticle luminescence and thermometry signals

Ziyang Ye, Laura Signor, Molly Cohan and Andrea D. Pickel*

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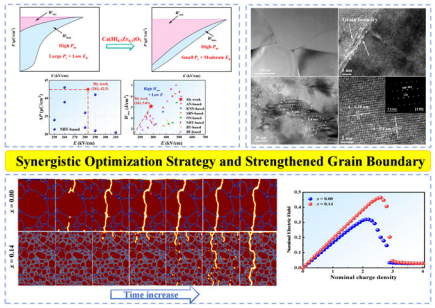

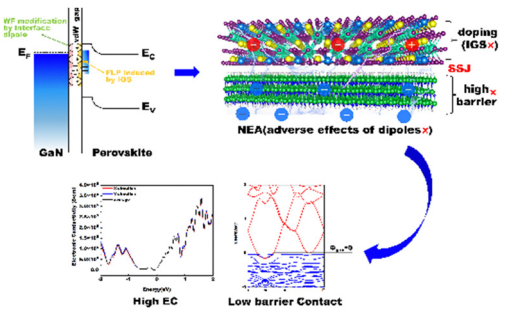

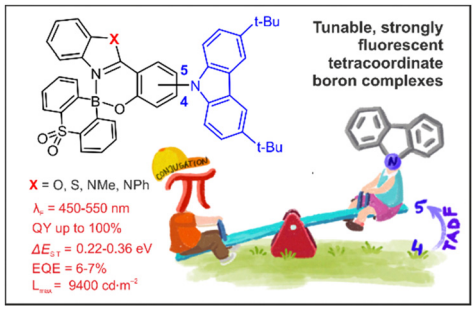

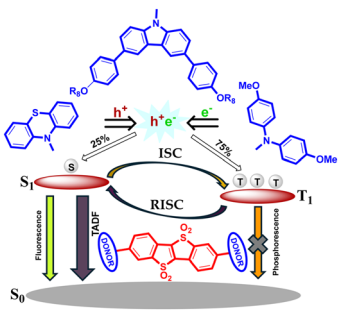

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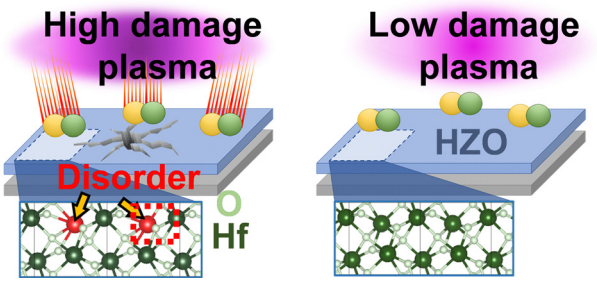

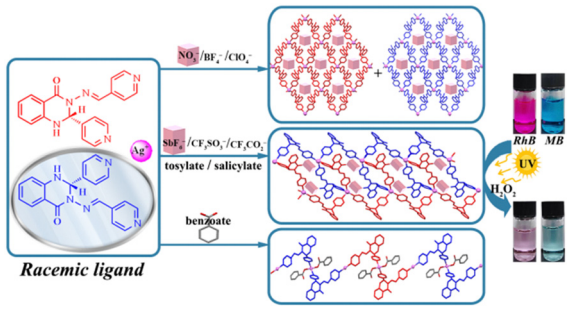

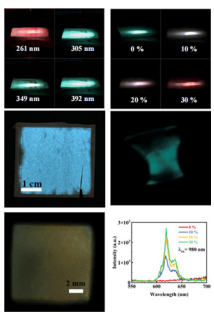

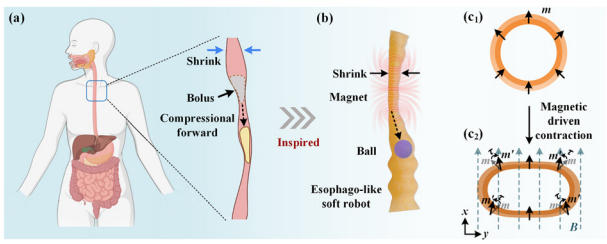

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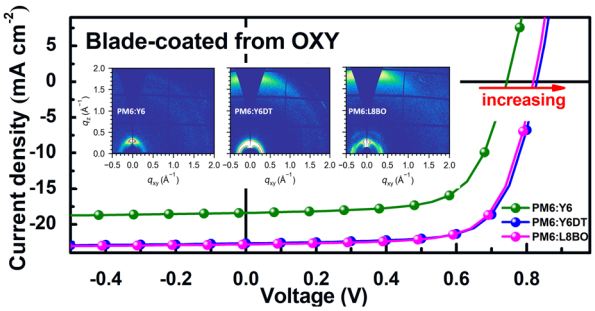

Improving voltage and quantum efficiency in blade-coated ITO-free organic solar cells processed with a non-halogenated solvent

Cuifen Zhang, Zheng Li, Yi Lin, Zhibo Wang, Huawei Hu, Ming Wang,* Zheng Tang* and Zaifei Ma*

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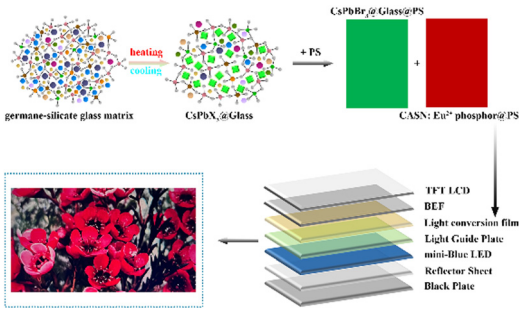

High stability modified CsPb(ClBr)$_3$@glass@PS for wide color gamut mini-LED backlight displays

Enrou Mei, Jiapeng Yang, Yanling Lin, Zhaoping Chen,* Xiaojuan Liang* and Weidong Xiang*

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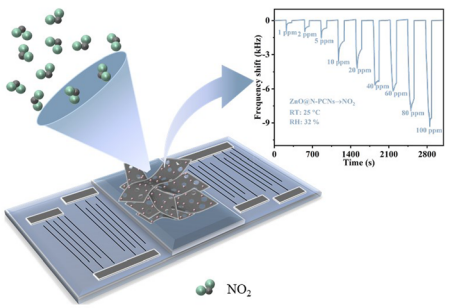

Enhancing the NO_2 detection ability of surface acoustic wave sensors with ZnO-decorated N-doped porous carbon nanosheets

Xue Li, Yuan Feng, Haifeng Lv, Junjie Shi, Yuanjun Guo,* Sean Li* and Xiaotao Zu*

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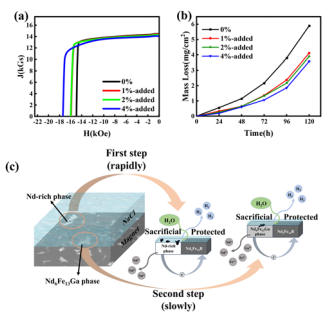

Concurrent improvements in coercivity and corrosion resistance for $Nd_6Fe_{13}Ga$-reconstructed Nd–Fe–B sintered magnets

Rui Shen, Shuainan Xu, Congyi Wang, Enxiang Yang, Xiaolian Liu,* Song Fu, Weiyang Jin, Yu Pan, Lizhong Zhao, Pengfei Guan and Xuefeng Zhang*

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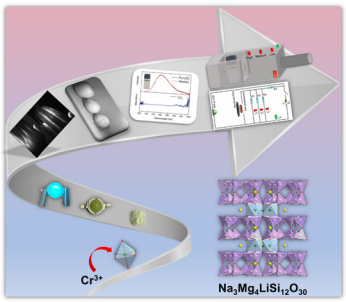

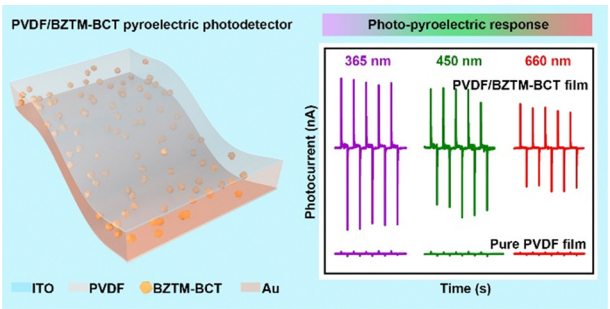

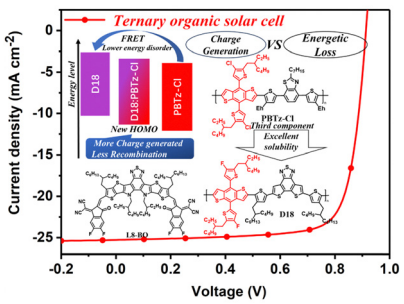

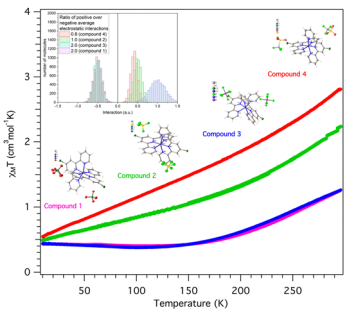

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