

Journal of Materials Chemistry C

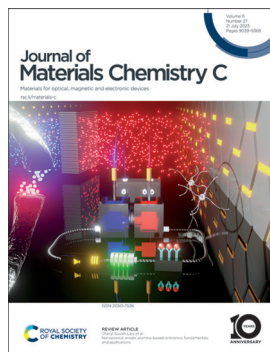
Materials for optical, magnetic and electronic devices

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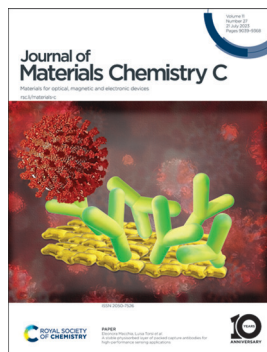
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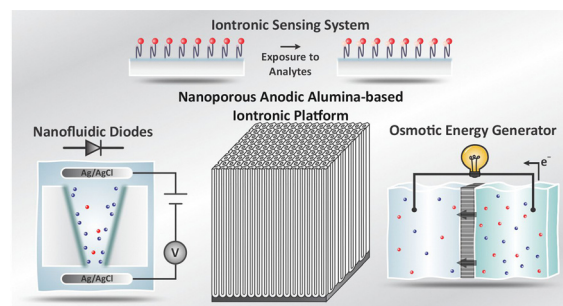
See Eleonora Macchia, Luisa Torsi *et al.*, pp. 9093–9106. Image reproduced by permission of Lucia Sarcina from *J. Mater. Chem. C*, 2023, **11**, 9093.

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Nanoporous anodic alumina-based iontronics: fundamentals and applications

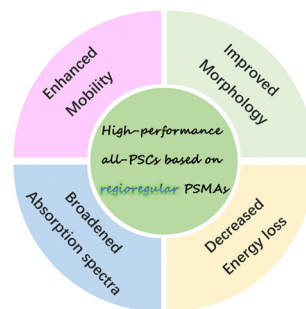
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Chuantao Gu,* Yu Zhao, Bing Liu, Yong Tian, Yonghai Li, Shasha Wang, Shuguang Wen, Jiping Ma and Xichang Bao*



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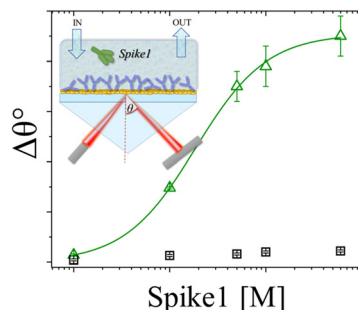
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A stable physisorbed layer of packed capture antibodies for high-performance sensing applications

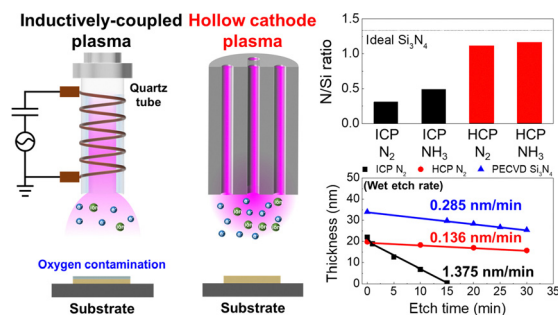
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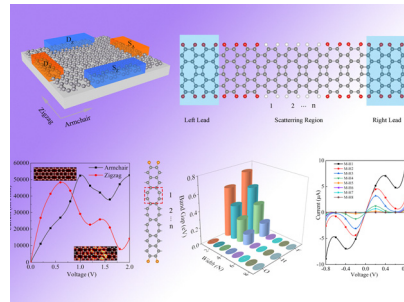
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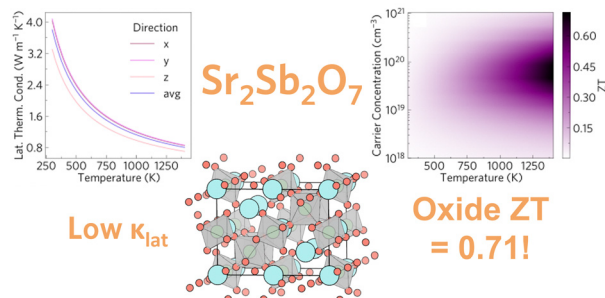
Cheng Luo, Tong Chen,* Xiansheng Dong, Luzhen Xie, Danfeng Qin, Lin Huang, Huili Li and Xianbo Xiao*



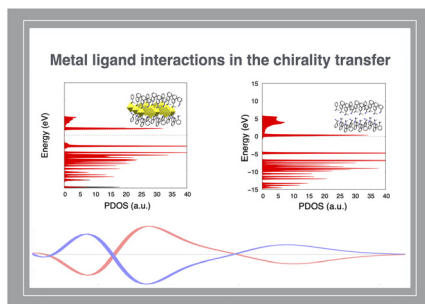
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Sr₂Sb₂O₇: a novel earth abundant oxide thermoelectric

Luisa Herring Rodriguez, Kieran B. Spooner, Maud Einhorn and David O. Scanlon*



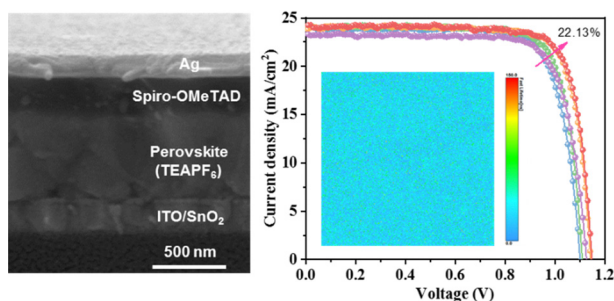
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Mariagrazia Fortino, Alessandro Mattoni* and Adriana Pietropaolo*

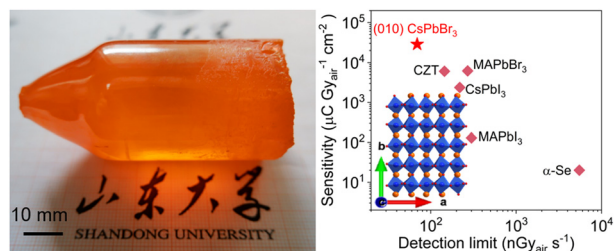
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Multifunctional pseudohalide-based ionic liquid doping promotes efficient and stable perovskite solar cells

Xing Guo, Zhenhua Lin,* Wenying Cao, Yumeng Xu, Qingrui Wang, Boyao Zhang, Yue Hao and Jingjing Chang*

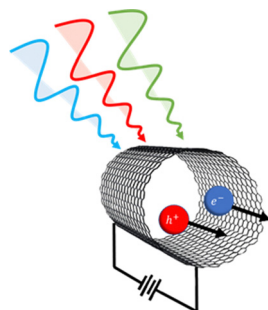
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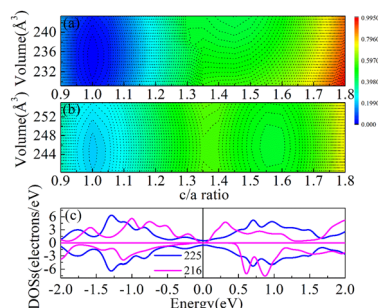
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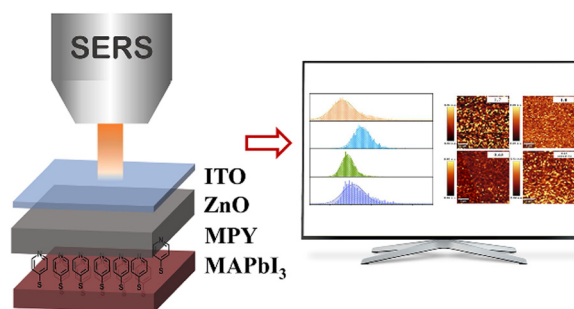
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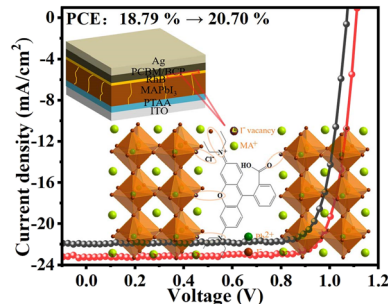
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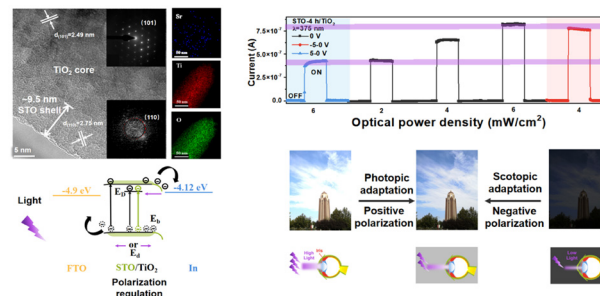
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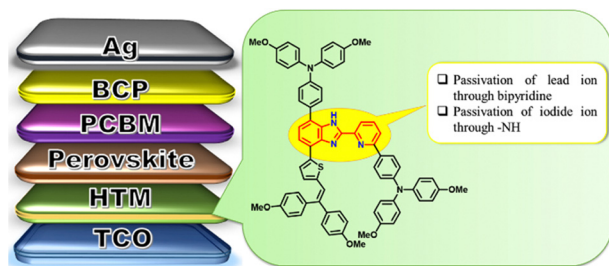
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Songyao Gao, Jianping Xu,* Shaobo Shi, Jing Chen, Jianghua Xu, Lina Kong, Xiaosong Zhang and Lan Li*



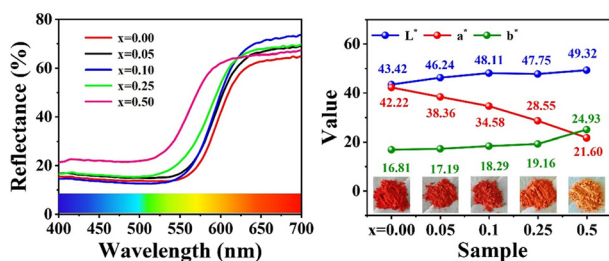
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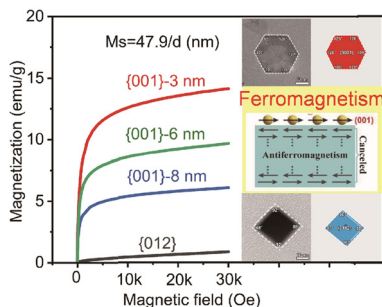
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Color modulation of cerium sulfide colorant powders through chemical doping engineering

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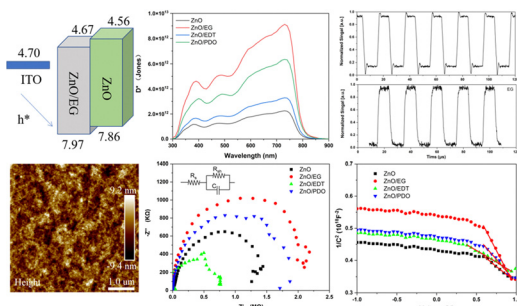
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Improved performance of ZnO based inverted organic photodetectors with morphological and interfacial modification

Xiaoya Hou,* Kun Zhang, Jinxiao Li, Jingchong Liang, Wanli Li, Dawei Yan, Lei Liu and Jie Zhang*

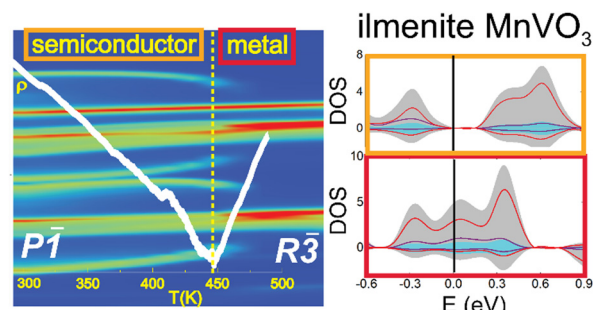


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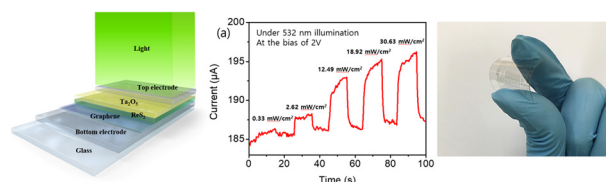
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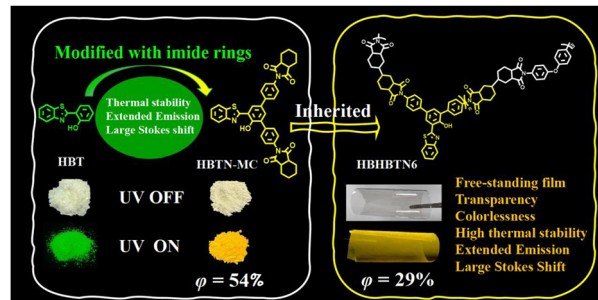
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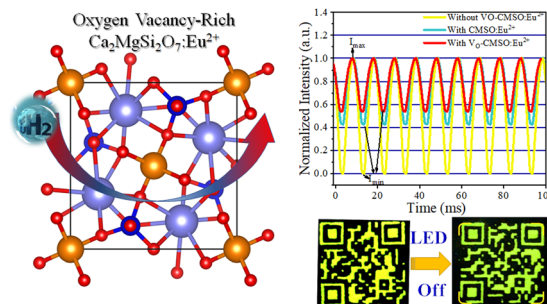
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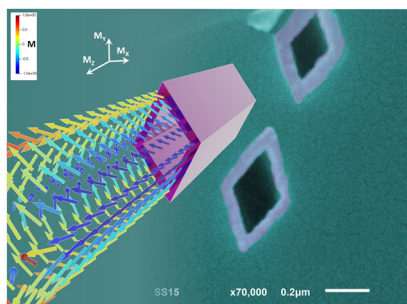
Oxygen-vacancy rich in melilite to modulate the persistent luminescence for multi-functional applications

Youchao Kong, Shurong Chen, Jie He, Shuwei Deng, Xiaoshuang Li* and Jiangcong Zhou*



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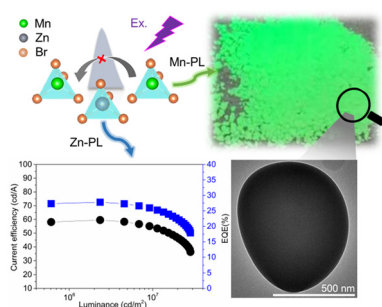
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Magneto-structural properties of rhombohedral Ni and Ni–B nanotubes deposited by electroless-plating in track-etched mica templates

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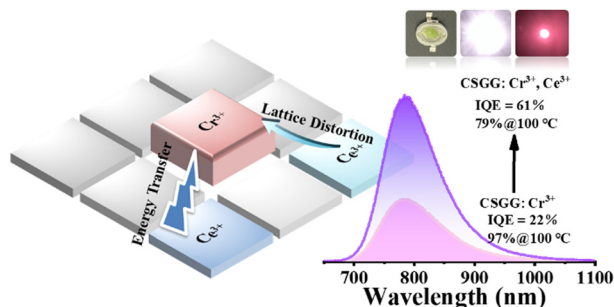
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Mn²⁺-doped organic–inorganic hybrids (C₈H₂₀N)₂Zn_{1-x}Mn_xBr₄ as sub-micrometer green phosphors for Mini-LEDs/Micro-LEDs

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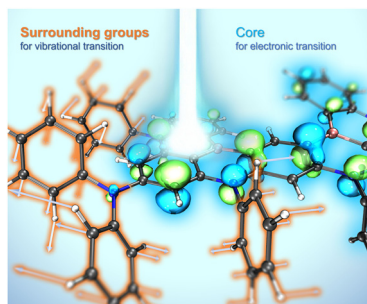
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Heming Zhang,* Lianbao Ke, Zhiqiang Li, Yufang Nie, Jiaxuan Wang, Hai Bi* and Yue Wang

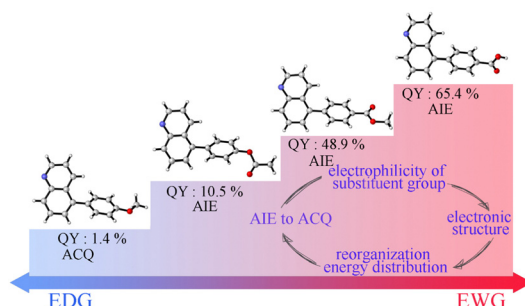


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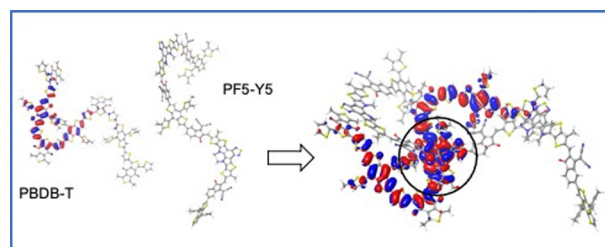
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Donor–acceptor polymer complex formation in solution confirmed by spectroscopy and atomic-scale modelling

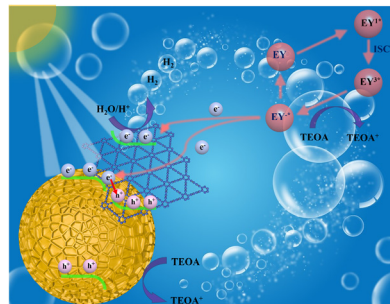
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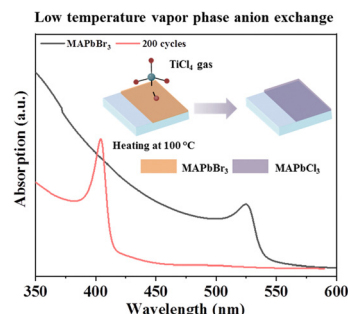
Zhenkun Liu, Youji Li and Zhiliang Jin*



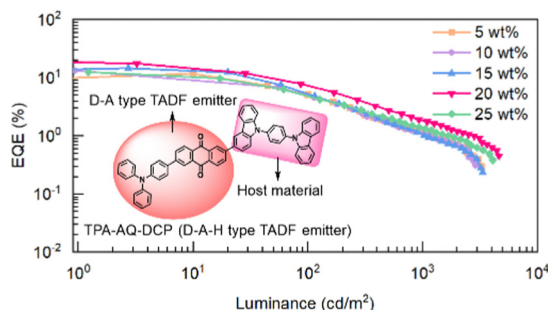
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High-performance ultraviolet photodetectors based on $MAPbCl_3$ perovskites for visible-light-insensitive defect detection

Guobiao Cen, Yibo Lv, Ye Yuan, Genghua Yan, Zhong Ji,* Chuanxi Zhao* and Wenjie Mai*



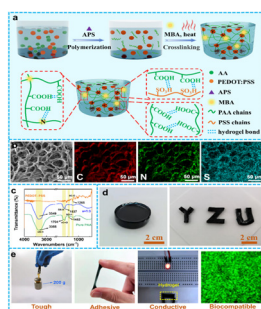
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Asymmetric donor–acceptor–host red thermally activated delayed fluorescent emitter for high-efficiency organic light emitting diodes

Hao-Ze Li, Feng-Ming Xie,* Ping Wu, Kai Zhang, Xin Zhao,* Yan-Qing Li* and Jian-Xin Tang*

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A low-hysteresis, self-adhesive and conductive PAA/PEDOT:PSS hydrogel enabled body-conformable electronics

Qiang Gao,* Chao Li, Mingxu Wang, Jiadeng Zhu and Chunxia Gao

