Journal of Materials Chemistry C

Materials for optical, magnetic and electronic devices

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ISSN 2050–7526 CODEN JMCCCX 11(41) 14029–14466 (2023)

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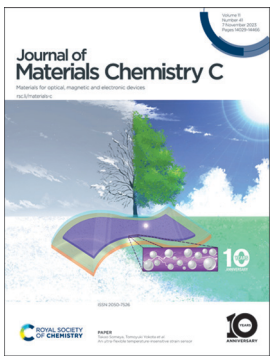

Inside cover
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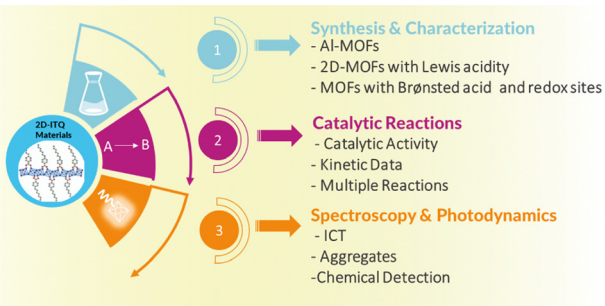
REVIEW



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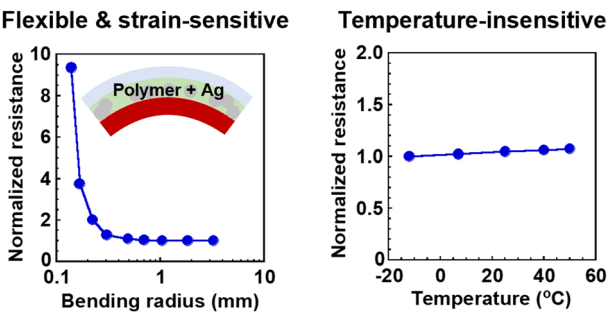

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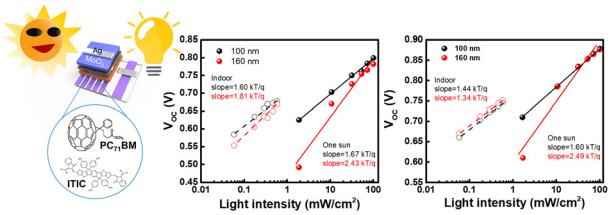

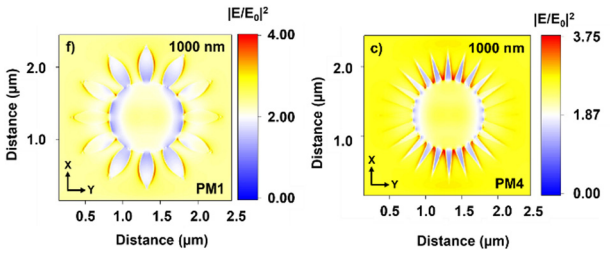

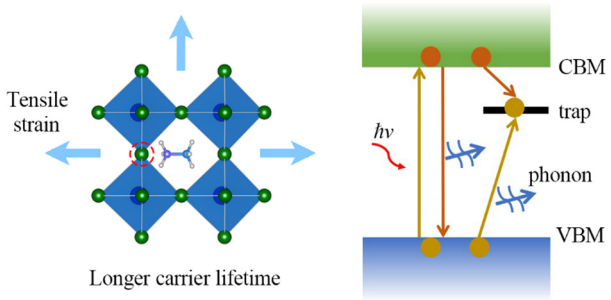

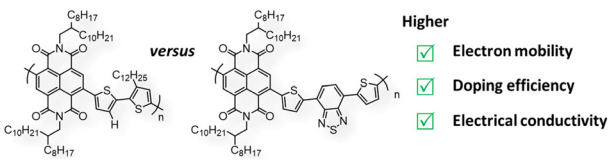

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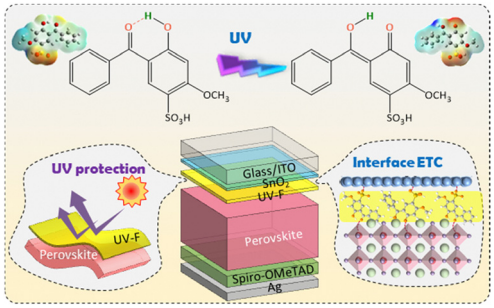

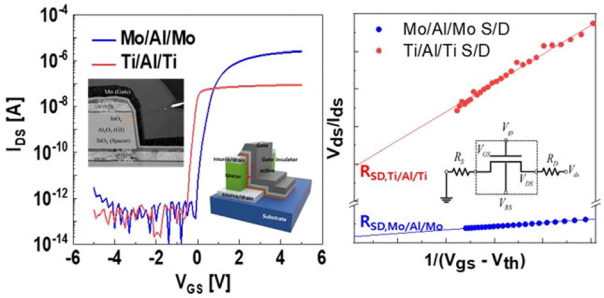

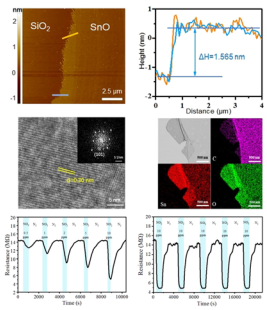

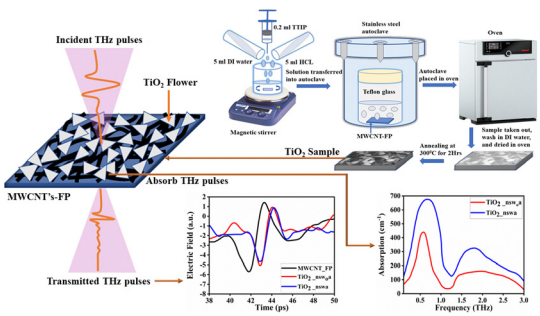

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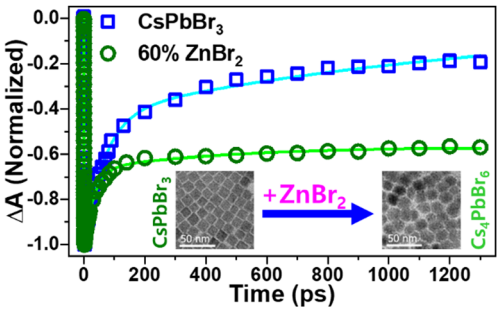

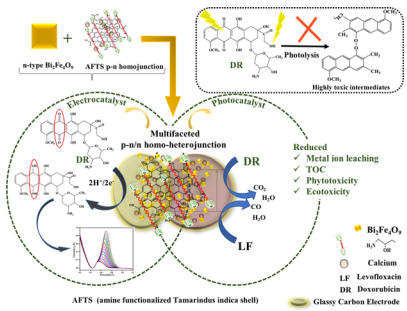

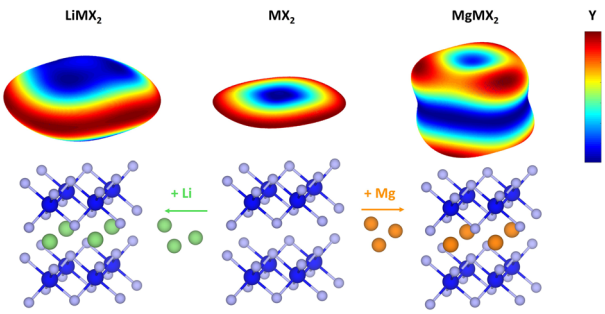

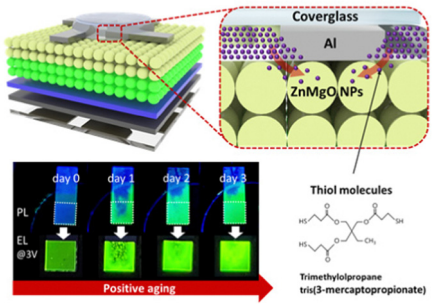

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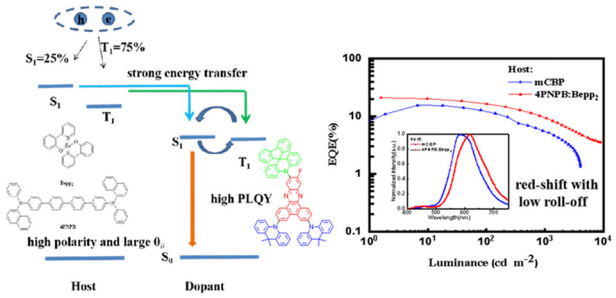
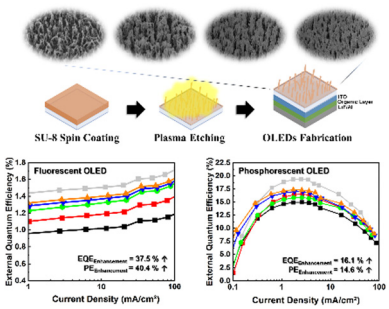


Optimizing the horizontal dipole orientation and dipole–dipole interaction of thermally activated delayed fluorescence emitters for high efficiency and low roll-off red OLEDs

Jianwen Qin, Xianfeng Qiao, Dezhi Yang, Qian Sun, Yanfeng Dai, Xuhui Zhu and Dongge Ma*

14307



A morphological study of random nanostructured external light extraction layers for enhancing optical characteristics of OLEDs

Geun Su Choi, Shin Woo Kang, Eun Jeong Bae, Byeong-Kwon Ju* and Young Wook Park*

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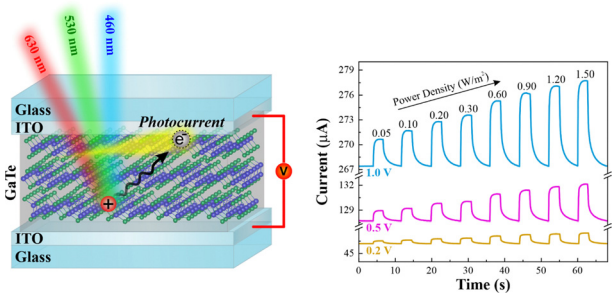
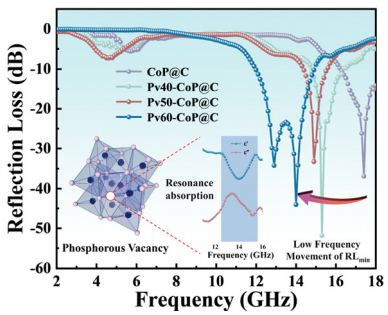


Efficient van der Waals layered gallium telluride-based passive photodetectors for low-power-density sensing of visible light

Carlo C. Sta. Maria, Po-Hung Wu, Denny Pratama Hasibuan, Clara Sinta Saragih, Hien Giap, Duc Huy Nguyen, Yan-Ruei Chen, Ranjit A. Patil,* Duy Van Pham, Ji-Lin Shen, Chien-Chih Lai, Maw-Kuen Wu and Yuan-Ron Ma*

14326



Resonance loss due to the polarization accumulation effect induced by phosphorus vacancies for enhancing electromagnetic wave absorption

Shaoyao Tian, Zhihao Sun, Han Ding, Zihao Guo, Peng Wang, Yu Qiu, Benli Du and Lei Qian*

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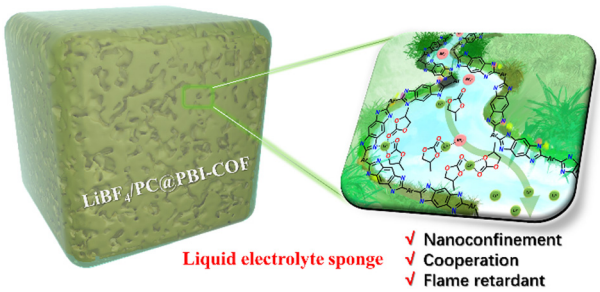

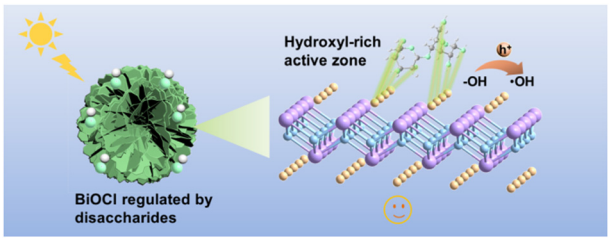

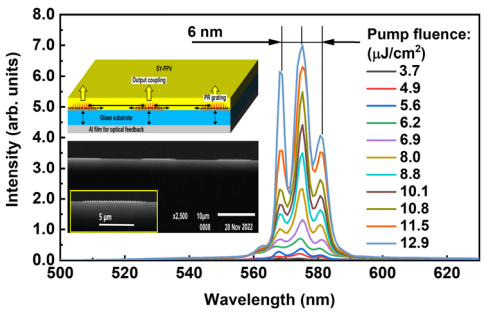

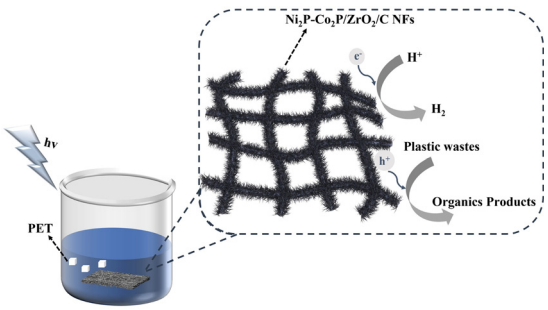

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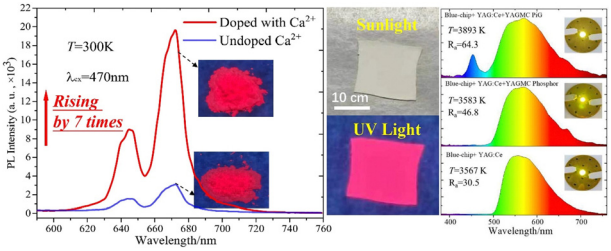

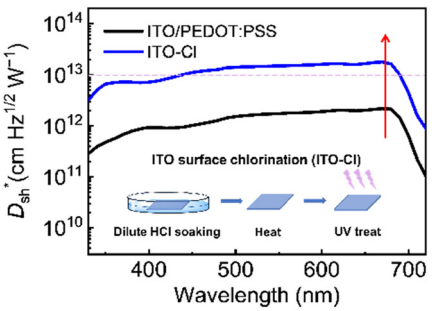

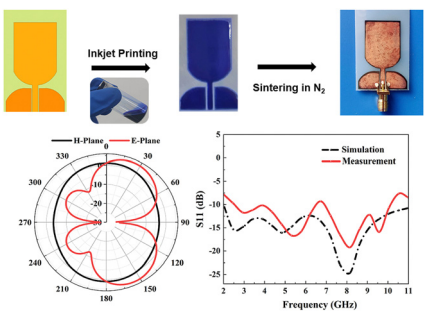

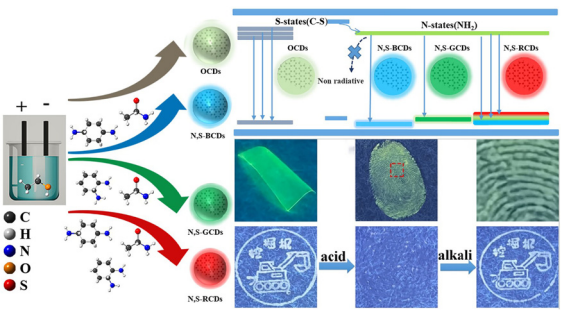

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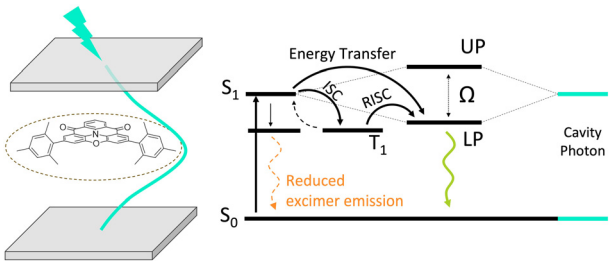
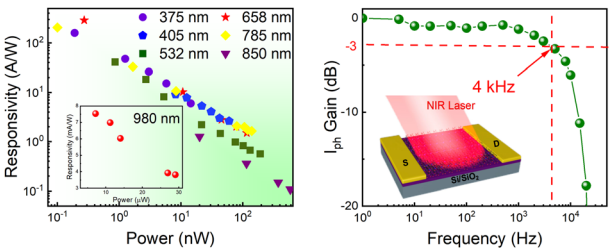


Multi-resonance TADF in optical cavities: suppressing excimer emission through efficient energy transfer to the lower polariton states

Inseong Cho, William J. Kendrick, Alexandra N. Stuart, Pria Ramkissoon, Kenneth P. Ghiggino, Wallace W. H. Wong and Girish Lakhwani*



Flexible near-infrared polarized photodetector based on CuPc single crystal grown by microspacing in-air sublimation

Mengru Li, Qianqian Du,* Yanxun Zhang, Yunlong Liu, Wenjun Wang, Fengqiu Wang* and Shuchao Qin*

CORRECTION

Correction: Ternary alloyed $MoS_{2-x}Se_x$ nanocomposites with a carrier mobility-dominated gas sensing mode: a superior room temperature gas sensing material for NO_2 sensors

Mingli Yin,* Kexin Wang, Liaochuan Zhang, Chunxiao Gao, Juan Ren and Lingmin Yu