

## ■ RESEARCH HIGHLIGHTS

- 050201 **Intramolecular spatial charge transfer enhances TADF efficiency**  
[3 pages] Baoyi Ren, Chuantian Zuo, Yaguang Sun, and Liming Ding
- 050202 **Fiber-like solar cells**  
[3 pages] Xing Fan, Dechun Zou, and Liming Ding
- 050203 **Defect engineering on all-inorganic perovskite solar cells for high efficiency**  
[3 pages] Bingcheng Yu, Chuantian Zuo, Jiangjian Shi, Qingbo Meng, and Liming Ding

## ■ COMMENTS AND OPINIONS

- 050301 **Over 1 cm<sup>2</sup> flexible organic solar cells**  
[6 pages] Wei Pan, Yunfei Han, Zhenguo Wang, Qun Luo, Changqi Ma, and Liming Ding

## ■ SHORT COMMUNICATION

- 050501 **Efficient and photostable CsPbI<sub>2</sub>Br solar cells realized by adding PMMA**  
[4 pages] Yanbo Shang, Zhimin Fang, Wanpei Hu, Chuantian Zuo, Bairu Li, Xingcheng Li, Mingtai Wang, Liming Ding, and Shangfeng Yang
- 050502 **Drop-coating produces efficient CsPbI<sub>2</sub>Br solar cells**  
[3 pages] Hanrui Xiao, Chuantian Zuo, Fangyang Liu, and Liming Ding

## ■ REVIEWS

- 051001 **Surface-enhanced Raman spectroscopy chips based on two-dimensional materials beyond graphene**  
[10 pages] Enqing Zhang, Zhengkun Xing, Dian Wan, Haoran Gao, Yingdong Han, Yisheng Gao, Haofeng Hu, Zhenzhou Cheng, and Tiegeng Liu
- 051801 **Recent progress of physical failure analysis of GaN HEMTs**  
[12 pages] Xiaolong Cai, Chenglin Du, Zixuan Sun, Ran Ye, Haijun Liu, Yu Zhang, Xiangyang Duan, and Hai Lu

## ■ ARTICLES

- 052001 **A crossover from Efros–Shklovskii hopping to activated transport in a GaAs two-dimensional hole system at low temperatures**  
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[8 pages] Arya Babu, Arya Vasanth, Shantikumar Nair, and Mariyappan Shanmugam