

■ RESEARCH HIGHLIGHTS

- 070201 **Blue perovskite LEDs**
[4 pages] Mengqi Zhang, Chuantian Zuo, Jianjun Tian, and Liming Ding
- 070202 **~1.2 V open-circuit voltage from organic solar cells**
[3 pages] Ailing Tang, Zuo Xiao, Liming Ding, and Erjun Zhou
- 070203 **Engineering microstructures for efficient $\text{Sb}_2(\text{S}_x\text{Se}_{1-x})_3$ solar cells**
[3 pages] Rongfeng Tang, Tao Chen, and Liming Ding

■ SHORT COMMUNICATION

- 070501 **Post-sulphuration enhances the performance of a lactone polymer donor**
[3 pages] Yufan Jiang, Ke Jin, Xiujuan Chen, Zuo Xiao, Xiaotao Zhang, and Liming Ding

■ REVIEWS

- 071901 **Suppressed light-induced phase transition of CsPbBr_2I : Strategies, progress and applications in the photovoltaic field**
[13 pages] Hushan Zhang and Zhiwen Jin

■ ARTICLES

- 072201 **Efficient MAPbI_3 solar cells made *via* drop-coating at room temperature**
[5 pages] Lixiu Zhang, Chuantian Zuo, and Liming Ding
- 072202 **Regulation of the order–disorder phase transition in a $\text{Cs}_2\text{NaFeCl}_6$ double perovskite towards reversible thermochromic application**
[9 pages] Wenzhe Li, Naveed Ur Rahman, Yeming Xian, Hang Yin, Yunkai Bao, Yi Long, Songyang Yuan, Yangyi Zhang, Yaxuan Yuan, and Jiandong Fan
- 072401 **A 15 Gbps-NRZ, 30 Gbps-PAM4, 120 mA laser diode driver implemented in 0.15- μm GaAs E-mode pHEMT technology**
[13 pages] Ahmed Wahba, Lin Cheng, and Fujiang Lin
- 072501 **High room-temperature magnetization in Co-doped TiO_2 nanoparticles promoted by vacuum annealing for different durations**
[7 pages] Wenqiang Huang, Rui Lin, Weijie Chen, Yuzhu Wang, and Hong Zhang
- 072701 **Structural and electrical characterization of $\text{Cu}_2\text{ZnSnS}_4$ ingot material grown by melting method**
[5 pages] S. Kerour, A. Bouloufa, M. Lasladj, K. Djessas, and K. Medjnoun
- 072901 **Fiber coupled high count-rate single-photon generated from InAs quantum dots**
[5 pages] Yao Chen, Shulun Li, Xiangjun Shang, Xiangbin Su, Huiming Hao, Jiabin Shen, Yu Zhang, Haiqiao Ni, Ying Ding, and Zhichuan Niu

- 074101 **The investigation of DARC etch back in DRAM capacitor oxide mask opening**
[5 pages] Jianqiu Hou, Zengwen Hu, Kuowen Lai, Yule Sun, Bo Shao, Chunyang Wang, Xinran Liu, and Karson Liu
- 074102 **Fabrication, characterization, numerical simulation and compact modeling of P3HT based organic thin film transistors**
[13 pages] Shubham Dadhich, A. D. D. Dwivedi, and Arun Kumar Singh