

■ RESEARCH HIGHLIGHTS

- 120201 **Stretchable organic electrochemical transistors with micro-/nano-structures**
[3 pages] Jianhua Chen, Yiming Sun, Jie Sun, Junqiao Ding, and Liming Ding

■ SHORT COMMUNICATION

- 120501 **Interface engineering yields efficient perovskite light-emitting diodes**
[4 pages] Rashid Khan, Guangyi Shi, Wenjing Chen, Zhengguo Xiao, and Liming Ding

■ REVIEWS

- 121401 **A review of automatic detection of epilepsy based on EEG signals**
[23 pages] Qirui Ren, Xiaofan Sun, Xiangqu Fu, Shuaidi Zhang, Yiyang Yuan, Hao Wu, Xiaoran Li, Xinghua Wang, and Feng Zhang
- 121801 **A review on GaN HEMTs: nonlinear mechanisms and improvement methods**
[16 pages] Chenglin Du, Ran Ye, Xiaolong Cai, Xiangyang Duan, Haijun Liu, Yu Zhang, Gang Qiu, and Minhan Mi
- 121901 **Quantum cascade lasers grown by MOCVD**
[17 pages] Yongqiang Sun, Guangzhou Cui, Kai Guo, Jinchuan Zhang, Ning Zhuo, Lijun Wang, Shuman Liu, Zhiwei Jia, Teng Fei, Kun Li, Junqi Liu, Fengqi Liu, and Shenqiang Zhai

■ ARTICLES

- 122001 **Controllable growth of wafer-scale PdS and PdS₂ nanofilms via chemical vapor deposition combined with an electron beam evaporation technique**
[8 pages] Hui Gao, Hongyi Zhou, Yulong Hao, Guoliang Zhou, Huan Zhou, Fenglin Gao, Jinbiao Xiao, Pinghua Tang, and Guolin Hao
- 122101 **Switchable hidden spin polarization and negative Poisson's ratio in two-dimensional antiferroelectric wurtzite crystals**
[9 pages] Zhuang Ma, Jingwen Jiang, Gui Wang, Peng Zhang, Yiling Sun, Zhengfang Qian, Jiabin Zheng, Wen Xiong, Fei Wang, Xiuwen Zhang, and Pu Huang
- 122501 **Demonstration of a manufacturable SOT-MRAM multiplexer array towards industrial applications**
[8 pages] Chuanpeng Jiang, Jinhao Li, Hongchao Zhang, Shiyang Lu, Pengbin Li, Chao Wang, Zhongkui Zhang, Zhengyi Hou, Xu Liu, Jiagao Feng, He Zhang, Hui Jin, Gefei Wang, Hongxi Liu, Kaihua Cao, Zhaohao Wang, and Weisheng Zhao
- 122502 **Hyperfine splitting and ferromagnetism in CdS : Mn nanoparticles for optoelectronic device applications**
[15 pages] Madhavi Sharad Darekar and Praveen Beekannahalli Mokshanatha
- 122701 **From kesterite 2D nanosheets to wurtzite 1D nanorods: controllable synthesis of Cu-Zn-Sn-S and their application in electrocatalytic hydrogen evolution**
[7 pages] Yu Li, Shuaibing Wang, Jie Chen, Ouyang Lin, Zhe Yin, Chunhe Yang, and Aiwei Tang

- 122702 **Green synthesis of three-dimensional magnesium ferrite/titanium dioxide/reduced graphene from *Garcinia mangostana* extract for crystal violet photodegradation and antibacterial activity**
[14 pages] Tong Hoang Lin, Che Quang Cong, Nguyen Thanh Hoai Nam, Hoang An, Nguyen Duy Hai, Ton That Buu, Thoi Le Nhat Binh, Hoang Le Minh, Lam Thanh Ngan, Hoang Thuy Kim Ngan, Du Chi Vi, Ta Dang Khoa, and Nguyen Huu Hieu
- 122801 **High-temperature annealing of (201) β -Ga₂O₃ substrates for reducing structural defects after diamond sawing**
[8 pages] Pavel Butenko, Michael Boiko, Mikhail Sharkov, Aleksei Almaev, Aleksnder Kitsay, Vladimir Krymov, Anton Zarichny, and Vladimir Nikolaev
- 124101 **Multiple SiGe/Si layers epitaxy and SiGe selective etching for vertically stacked DRAM**
[8 pages] Zhenzhen Kong, Hongxiao Lin, Hailing Wang, Yanpeng Song, Junjie Li, Xiaomeng Liu, Anyan Du, Yuanhao Miao, Yiwen Zhang, Yuhui Ren, Chen Li, Jiahan Yu, Jinbiao Liu, Jingxiong Liu, Qinzhu Zhang, Jianfeng Gao, Huihui Li, Xiangsheng Wang, Junfeng Li, Henry H. Radamson, Chao Zhao, Tianchun Ye, and Guilei Wang

■ Advertisements

- 120801 **Physike Technology Co., Ltd.,**