

年度	当前位置 : 首页>>研究成果>>学术论文>>2017
2018	
2017	1. Wuhong Xue, Gang Liu, Zhicheng Zhong, Yuehua Dai, Jie Shang, Yiwei Liu, Huali Yang, Xiaohui Yi, Hongwei Tan, Liang Pan, Shuang Gao, Jun Ding, Xiaohong Xu, Runwei Li, A 1D Vanadium Dioxide Nanochannel Constructed via Electric-Field-Induced Ion Transport and its Superior Metal-Insulator Transition, <i>Adv. Mater.</i> , 29, 1702162 (2017) 2. Guowei Zhou, Zhi Yan, Yuhao Bai, Julu Zang, Zhiyong Quan, Shifei Qi, Xiaohong Xu, Exchange Bias Effect and Orbital Reconstruction in (001)-Oriented LaMnO ₃ /LaNiO ₃ Superlattices, <i>ACS Appl. Mater. Interfaces</i> , 9, 39855-39862(2017) 3. Guowei Zhou, Cheng Song, Yuhao Bai, Zhiyong Quan, Fengxian Jiang, Wenqing Liu, Yongbing Xu, Sarnjeet S. Dhesi, Xiaohong Xu, Robust Interfacial Exchange Bias and Metal-Insulator Transition Influenced by the LaNiO ₃ Layer Thickness in La _{0.7} Sr _{0.3} MnO ₃ /LaNiO ₃ Superlattices, <i>ACS Appl. Mater. Interfaces</i> , 9, 3156-3160 (2017) 4. Jie Shang, Wuhong Xue, Zhenghui Ji, Gang Liu, Xuhong Niu, Xiaohui Yi, Liang Pan, Qingfeng Zhan, Xiaohong Xu, Runwei Li, Highly flexible resistive switching memory based on amorphous-nanocrystalline hafnium oxide films, <i>Nanoscale</i> , 9, 7037-7046 (2017) 5. Junfeng Zhang, Weiyu Xie, Jijun Zhao, Shengbai Zhang, Band alignment of two-dimensional lateral heterostructures, <i>2D Mater.</i> , 4 (1), 015038 (2017) 6. Zhiyong Quan, Biao Wu, Fei Zhang, Guowei Zhou, Julu Zang, Xiaohong Xu, Room temperature insulating ferromagnetism induced by charge transfer in ultrathin (110) La _{0.7} Sr _{0.3} MnO ₃ films, <i>Appl. Phys. Lett.</i> , 110, 072405 (2017) 7. Xinzhou Deng, Shifei Qi, Yulei Han, Kunhua Zhang, Xiaohong Xu, Zhenhua Qiao, Realization of quantum anomalous Hall effect in graphene from n-p codoping-induced stable atomic adsorption, <i>Phys. Rev. B</i> 95, 121410 (2017) 8. Huisheng Zhang, Zhe Wang, Xiaohong Xu, Room temperature quantum spin Hall insulator: Functionalized stanene on layered PbI ₂ substrate, <i>Appl. Phys. Lett.</i> , 111 (7), 072105-072109 (2017) 9. Fang Wang, Manhong Li, Lifang Yu, Fan Sun, Zhiliang Wang, Lifang Zhang, Hao Zeng, Xiaohong Xu, Corn-like, recoverable γ -Fe ₂ O ₃ @SiO ₂ @TiO ₂ photocatalyst induced by magnetic dipole interactions, <i>Sci. Rep.</i> 7, 6960(2017) 10. Julu Zang, Guowei Zhou, Yuhao Bai, Zhiyong Quan, Xiaohong Xu, The Exchange Bias of LaMnO ₃ /LaNiO ₃ Superlattices Grown along Different Orientations, <i>Sci. Rep.</i> 7, 10557(2017) 11. Xinyu Qiao, Xingcheng Wen, Baomin Wang, Yuhao Bai, Qingfeng Zhan, Xiaohong Xu, Runwei Li, Enhanced stress-invariance of magnetization direction in magnetic thin films, <i>Appl. Phys. Lett.</i> 111, 132405(2017) 12. Fang Wang, Feng Li, Lifang Zhang, Hao Zeng, Yiyang Sun, Shengbai Zhang, Xiaohong Xu, S-TiO ₂ with enhanced visible-light photocatalytic activity derived from TiS ₂ in deionized water, <i>Mater. Res. Bull.</i> , 87, 20-26 (2017)
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