

MA_Xucun's Publication List (updated in July, 2011)

85. Guang Wang, Xie-Gang Zhu, Yi-Yang Sun, Yao-Yi Li, Tong Zhang, Jing Wen, Xi Chen, Ke Ke, Li-Li Wang, Xu-Cun Ma, Jin-Feng Jia, Shengbai B. Zhang, and Qi-Kun Xue, "*Topological insulator thin films of Bi_2Te_3 with controlled electronic structure*", **Adv. Mater.** **xx**, xxx (2011)
84. Yi-Lin Wang, Yong Xu, Ye-Ping Jiang, Jun-Wei Liu, Cui-Zu Chang, Mu Chen, Zhi Li, Can-Li Song, Li-Li Wang, Ke He, Xi Chen, Wen-Hui Duan, Qi-Kun Xue, and Xu-Cun Ma, "*Structural defects and electronic properties of Cu doped topological insulator Bi_2Se_3* ", **Phys. Rev. B** **84**, xxxxxx (2011)
83. C. L. Song, Y. L. Wang, Y. P. Jiang, Z. Li, L. L. Wang, K. He, X. Chen, X. C. Ma, Q. K. Xue, "*Molecular-beam epitaxy and robust superconductivity of stoichiometric FeSe crystalline films on bilayer graphene*", **Phys. Rev. B** **84**, 020503 (2011)
82. Can-Li Song, Yi-Lin Wang, Peng Cheng, Ye-Ping Jiang, Wei Li, Tong Zhang, Zhi Li, Ke He, Lili Wang, Jin-Feng Jia, Hsiang-Hsuan Hung, Congjun Wu, Xucun Ma, Xi Chen, and Qi-Kun Xue, "*Direct observation of nodes and twofold symmetry in FeSe superconductor*", **Science** **332**, 1410 (2011)
81. Jun-Zhong Wang, Meng Lan, Ting-Na Shao, Guo-Qing Li, Yong Zhang, Cheng-Zhi Huang, Zu-Hong Xiong, Xu-Cun Ma, Jin-Feng Jia, and Qi-Kun Xue, "*STM study of a rubrene monolayer on $Bi(001)$: Structural modulations*", **Phys. Rev. B** **84**, 020503 (2011)
80. Jian Wang, Ashley M. DaSilva, Cui-Zu Chang, Ke He, J. K. Jain, Nitin Samarth, Xu-Cun Ma, Qi-Kun Xue, and Moses H. W. Chan, "*Evidence for electron-electron interaction in topological insulator thin films*", **Phys. Rev. B** **83**, 245438 (2011)
79. M. H. Liu, C. Z. Chang, Z. C. Zhang, Y. Zhang, W. Ruan, K. He, L. L. Wang, X. Chen, J. F. Jia, S. C. Zhang, Q. K. Xue, X. C. Ma, and Y. Y. Wang, "*Electron interaction-driven insulating ground state in Bi_2Se_3 topological insulators in the two-dimensional limit*", **Phys. Rev. B** **83**, 165440 (2011)
78. D. Hao, C. L. Song, Y. X. Ning, L. L. Wang, X. C. Ma, X. Chen, and Q. K. Xue, "*Self-assembly of manganese phthalocyanine on $Pb(111)$ surface: A scanning tunneling microscopy study*", **J. Chem. Phys.** **134**, 154703 (2011)
77. X. Chen, X. C. Ma, K. He, J. F. Jia, and Q. K. Xue, "*Molecular beam epitaxial growth of topological insulators*", **Adv. Mater.** **23**, 1162 (2011)
76. D. H. Deng, X. L. Pan, L. Yu, Q. Fu, X. C. Ma, Q. K. Xue, G. Q. Sun, and X. H. Bao, "*Toward N-doped graphene via solvothermal synthesis*", **Chem. Mater.** **23**, 1188 (2011)
75. S. L. He, Z. H. Zeng, M. Arita, M. Sawada, K. Shimada, S. Qiao, G. L. Li, W. X. Li, Y. F. Zhang, Y. Zhang, X. C. Ma, J. F. Jia, Q. K. Xue, H. Namatame, and M. Taniguchi, "*Band structure and Fermi surface of atomically uniform lead films*", **New J. Phys.** **12**, 113034 (2010)
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73. Y. Zhang, C. Z. Chang, K. He, L. L. Wang, X. Chen, J. F. Jia, X. C. Ma, and Q. K. Xue, "*Doping effects of Sb and Pb in epitaxial topological insulator Bi_2Se_3 thin films: An in situ angle-resolved photoemission spectroscopy study*", **Appl. Phys. Lett.** **97**, 194102 (2010)

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