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教育背景

辽宁师范大学理学博士（2010）
烟台大学理学硕士（2007）
烟台大学理学学士（2003）

研究领域

粒子物理理论与唯象问题
超出标准模型的新物理
电弱对称破缺理论
重味介子衰变

代表性成果

论文类：

[1] Rare decays $B_s \rightarrow l^+ l^-$ and $B \rightarrow K l^+ l^-$ in the TC2 model, Wei Liu, Chong-Xing Yue and Hui-Di Yang, Phys. Rev. D79, 034008(2009). (SCI)

[2] LFV decays $\tau \rightarrow \mu P_1 P_2$ in the TC2 model and LHT model, Wei Liu, Chong-Xing Yue and Jiao Zhang, Eur. Phys. J. C 68, 197(2010). (SCI)

[3] Rare decays $K \rightarrow \pi \nu \bar{\nu}$ in the three-site Higgsless model, Wei Liu, Chong-Xing Yue and Yong-Zhi Wang, Commun. Theor. Phys.51, 305(2009). (SCI)

[4] The LHT model and Higgs boson production in association with a weak gauge boson at the LHC, Wei Liu, Chong-Xing Yue and Xue-Song Su, Chin. Phys. C 34(10), 1565(2010). (SCI)

[5] Systematic Study on QCD Interactions of Heavy Mesons

with rho Meson, Zuo-Hong Li, Wei Liu and Hai-Yan Liu, Phys. Lett. B659, 598(2008). (SCI)

[6] Production of the neutral top-pion $\pi_0 t$ associated with a high-p(T) photon at hadron colliders, Chong-Xing Yue, Shi-Hai Zhu and Wei Liu, J. Phys. G: Nucl. Part. Phys.35, 095004(2008). (SCI)

[7] Rare decays $K \rightarrow M \nu$ in the TC2 model and LHT model, Chong-Xing Yue, Jiao Zhang, Wei Liu, Nucl. Phys. B,832,342 (2010). (SCI)

[8] Pair production of the T-odd leptons at the LHC, Chong-Xing Yue, Yong-Zhi Wang, Wei Liu, Wei Ma, Eur. Phys. Lett.86, 31002(2009). (SCI)

[9] Production of the neutral top-pion $\pi_0 t$ associated with a high-p(T) photon at the LHC, Shi-Hai Zhu, Chong-Xing Yue, Wei Liu, Li Ding, Chin. Phys. C33(09), 717(2009). (SCI)

[10] The littlest Higgs model with T-parity and some lepton flavor violation decay processes, ChongXing Yue, Wei Ma, TingTing Zhang, Wei Liu, JinYan Liu, Sci.China G53, 1968(2010). (SCI)

[11] Photon-induced production of the mirror quarks from the LHT model at the LHC, Chong-Xing Yue, Jin-Yan Liu, Li Ding, Wei Liu, Wei Ma, Commun. Theor. Phys.52, 1041(2009). (SCI)

[12] The Littlest Higgs model with T-parity and single top production at ep collision, Chong-Xing Yue, Jia Wen, Jin-Yan Liu, Wei Liu, Chin. Phys. C33(02), 89(2009). (SCI)

[13] Heat Diffusion in a Non-Local Tokamak Stochastic Magnetic Field, Hong Gao, Li Yao, Hai-yang Zhong, Wei Liu, Kun Yang, Ying Shao, Wen-wen Xia, Qian li, J Fusion Energ, 30(02),195(2011). (SCI)

[14] Anharmonic effect of the dissociation rate constant of the unimolecular reactions of CH_2XCHO ($\text{X}=\text{H},\text{F}$), Ling-zheng Gu, Li Yao, Ying Shao, Wei Liu, Hong Gao, Molecular Physics, DOI:10.1080/00268976.2011.602648 (2011). (SCI)

代表性项目

(1)国家自然科学基金专项项目，11147122，在 LHT 和 TC2 模型下研究 B 介子稀有衰变过程，2012/01-2012/12，已结题，主持。

其他

