撰写研究论文：

**Xue-Qian Zhang**, Yi-Da Liu, Xiao-Shuang Li, Tian-Xue Ma, Yue-Sheng Wang, Zhuo Zhuang. Accelerated engineering of topological interface states in one-dimensional phononic crystal via deep learning. Submitted to***Materials Today Physics***.

Xiao-Lei Tang, **Xue-Qian Zhang**, Tian-Xue Ma, Miso Kim, Yue-Sheng Wang. Topological rainbow trapping and broadband piezoelectric energy harvesting of acoustic waves in gradient phononic crystals with coupled interfaces. Submitted to ***Applied Acoustics***, revision in preparation.

参加学术会议：

第二届波动力学前沿与应用学术会议 口头报告

北京力学会第29届学术年会 口头报告

第17届压电和声波及器件会议 口头报告

第二届全国超材料大会 海报