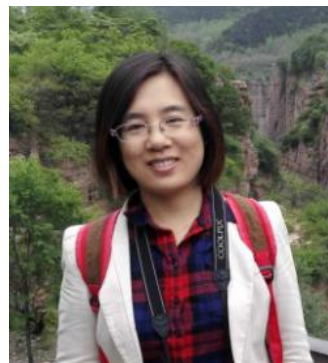


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科研:主持完成国家自然科学基金 1 项、教育部博士点课题 1 项、中国博士后面项目 1 项; 参与完成国家自然科学基金、天津市自然科学基金多项。以第一作者或通讯作者发表 SCI 收录论文 20 余篇。近期代表作如下:

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