

一、项目名称：藏文文献资源数字化技术集成与应用示范

二、提名单位：西藏大学

三、提名类别：西藏自治区科学技术奖

四、主要完成单位：西藏大学,武汉理工大学,合肥工业大学,西藏自治区科技信息研究所,北京汉王数字科技有限公司,同方知网数字出版技术股份有限公司,中国传媒大学,华博胜讯信息科技股份有限公司

五、主要完成人：尼玛扎西,拥措,熊盛武,谢文军,嘎玛扎西,仁增多杰,洛桑嘎登,次仁罗布,刘正珍,仁青东主,群诺,苗方

六、主要承担工作：项目第十二完成人苗方是中国传媒大学副教授。在项目执行过程中承担了藏文文献穿透扫描修复和藏医药知识图谱等技术研发和创新工作。

七、项目相关成果：

1. Liu Siqi, Jin Libiao, Miao Fang. Textual restoration of occluded Tibetan document pages based on side-enhanced U-Net[J]. Journal of Electronic Imaging, 2020, 29(6).
2. Fang Miao, Li Feng. Research on Character Image Inpainting based on Generative Adversarial Network. 2020 International Conference on Culture-oriented Science & Technology (ICCST), 30-31 October 2020 Beijing, China, 137-140.
3. Xueting Wang, Fang Miao, Libiao Jin. A CNNs-based Model for Knowledge Graph Completion. 2020 International Conference on Culture-oriented Science & Technology (ICCST), 30-31 October 2020 Beijing, China, 215-218.
4. Bingyuan Wang, Fang Miao, Xueting Wang, Libiao Jin. Text Classification Using a Bidirectional Recurrent Neural Network with an Attention Mechanism. 2020 International Conference on Culture-oriented Science & Technology (ICCST), 30-31 October 2020 Beijing, China, 265-268.
5. F. Miao, X. Wang, P. Zhang and L. Jin, "Question-Answering System Based on the Knowledge Graph of Traditional Chinese Medicine," 2019 11th International Conference on Intelligent Human-Machine Systems and Cybernetics (IHMSC), Hangzhou, China, 2019, pp. 264-267.