Mu Li's CV

Name: Mu Li

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Google Scholar:https://scholar.google.com/citations?user=61inLP4AAAAJ&hl=zh-CN

Working Experience

◇ Post Doctor   School of Data Science, The Chinese University of Hong Kong, Shenzhen 2020.06 – Now

Education

◇ PhD   Department of Computing, The Hong Kong Polytechnic University, 2015.09 - 2020.03

◇ BCS   School of Computer Science and Technology, Harbin Institute of Technology, 2011.09-2015.06   (GPA: 93.43/100, ranking 1/169)

Fund & Publication & Patent

◇ **Funds**

[1] Task Driven Image Compression, China Postdoctoral Science Foundation, **Principle Investigator**.

[2] Data Adaptive Image Compression, China Postdoctoral Science Foundation, **Principle Investigator**.

[3] Data-driven Deep Omnidirectional Image Compression for Virtual Reality, National Nature Science Foundation of China, **Principle Investigator**.

◇ **Publications**

[1] **Mu Li,** Wangmeng Zuo, Shuhang Gu, Jane You, David Zhang. "Learning Content-Weighted Deep Image Compression." **IEEE Transactions on Pattern Analysis and Machine Intelligence (TPAMI)**, 2020. **(JCR Q1, IF: 17.861)**

[2] **Mu Li,** Kede Ma, Jane You, David Zhang, Wangmeng Zuo. "Efficient and Effective Context-Based Convolutional Entropy Modelling for Image Compression." **IEEE Transactions on Image Processing (TIP)**, 2020. **(JCR Q1, IF: 10.856)**

[3] **Mu Li**, Kai Zhang, Jinxing Li, Radu Timofte, Wangmeng Zuo, and David Zhang. "Learning Context-Based Non-local Entropy Modeling for Image Compression." **IEEE Transactions on Neural Networks and Learning System (TNNLS)**, 2021. **(JCR Q1, IF:10.451)**

[4] **Mu Li,** Wangmeng Zuo, Shuhang Gu, Debin Zhao, David Zhang, "Learning convolutional networks for content-weighted image compression". In **Proc. of IEEE Conference on Computer Vision and Pattern Recognition (CVPR)**, 2018. **(Top Conference, CCF A,** *Citation 246***)**

[5] **Mu Li,** Qilong Wang, David Zhang, Peihua Li, Wangmeng Zuo. "Joint distance and similarity measure learning based on triplet-based constraints". **Information Science**, 2017. **(JCR Q1, IF: 6.795)**

[6] **Mu Li,** Wangmeng Zuo, David Zhang. "Deep identity-aware transfer of facial attributes". arXiv preprint arXiv:1610.05586, 2016. **(***Citation 121***)**

[7] **Mu Li,** Wangmeng Zuo, David Zhang. "Convolutional network for attribute-driven and identity-preserving

human face generation". arXiv preprint arXiv:1608.06434, 2016. (*Citation 46*)

[8] Jinxing Li, **Mu Li***, Guangming Lu, Bob Zhang, Hongpeng Yin, and David Zhang. "Similarity and diversity induced paired projection for cross-modal retrieval." Information Sciences, 2020. (**JCR Q1, IF: 6.795**)

[9] Zhaoyi Yan, Xiaoming Li, **Mu Li**, Wangmeng Zuo, Shiguang Shan. "Shift-Net: Image Inpainting via Deep Feature Rearrangement". In **Proceedings of the European Conference on Computer Vision (ECCV)**, 2018. (**Top Conference, CCF B,** *Citation 216*)

[10] Jinxing Li., Hongwei Yong, Feng Wu, **Mu Li**. "Online Multi-view Subspace Learning with Mixed Noise. " In **Proceedings of the 28th ACM International Conference on Multimedia**, 2020. (**Top Conference, CCF A**)

[11] Jinxing Li, Hongwei Yong, Bob Zhang, **Mu Li**, Lei Zhang, David Zhang. "A probabilistic hierarchical model for multi-view and multi-feature classification". In **Thirty-Second AAAI Conference on Artificial Intelligence**, 2018. (**Top Conference, CCF A**)

◇ **Patent**

[1] 左旺孟, 李穆, 顾舒航, 李晓明, 赵德斌. "基于动态字节长度分配的卷积神经网络的图像压缩系统", 2020.6.30, CN201710691448.6.

Honors & Rewarding

◇ Overseas High-Caliber Personnel 海外高层次人才"孔雀计划" (Level C), 2020-2024
◇ Shenlong High-level Talent 深龙英才计划 (Category C), 2021-2025
◇ Hong Kong PhD Fellowship, 2015-2019
◇ National Scholarship, 2013-2014
◇ Fuji Xerox Scholarship, 2012-2013
◇ National Scholarship, 2011-2012

Research Area

Pattern Recognition, Machine Learning, Deep Learning, Image Generation, Image Compression