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**主要研究方向：图像处理，稀疏编码，压缩感知，深度学习**

**简　　历**：

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| 2019/12-至今 | 浙江工业大学 | 信息工程 | 副研究员 | |
| 2014/9-2019/9 | 西安交通大学 | 信息与通信工程 | 博士 | 导师：侯兴松 |
| 2018/3-2019/3 | University of East Anglia | Computer Science | 访问学者 | 导师：邵岭 |
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**研究（情况）项目：**
面上项目，无线多媒体传感器网络中基于低秩和深度神经网络的高效、非对称、鲁棒图像编码传输，2019-01 至 2022-12，参加

**发表的论文、专著、教材：**
**[1]、Z. Chen,** X. Hou, X. Qian, et al. Efficient and Robust Image Coding and Transmission Based on Scrambled Block Compressive Sensing. *IEEE Transactions on Multimedia*, 2018, 20(7):1610-1621. (SCI)
**[2] Z. Chen**, X. Hou, L. Shao, et al. Compressive Sensing Multi-layer Residual Coefficients for Image Coding. *IEEE Transactions on Circuits and Systems for Video Technology*, 2020, 4(30):1109-1120. (SCI)
**[3] Z. Chen**, X. Hou, C. Gong, et al. Compressive sensing reconstruction for compressible signal based on projection replacement. *Multimedia Tools and Applications*, 2016, 75(5):2565–2578. (SCI)
**[4] Z. Chen**, X. Hou, L. Shao, et al. Revising Regularization with Linear Approximation Term for Compressive Sensing Improvement. *Electronics Letters*, 2019, 55(7):384-386. (SCI)
**[5] Z. Chen**, X. Hou, L. Shao, et al. Compressive-Sensed Image Coding via Multi-Layer Closed-Loop Prediction. *Data Compression Conference (DCC)*. 2019. (EI, CCF B)
**[6] Z. Chen**, S. Wang, X. Hou, et al. Recurrent Transformer Network for Remote Sensing Scene Categorisation. *British Machine Vision Conference (BMVC)*. 2018. (CCF C)
**[7]** X. Hou, **Z. Chen**, J. Sun, et al. Exploiting wavelet-domain intra-scale and inter-scale dependencies in Bayesian compressive sensing with context modeling. *IEEE China Summit and International Conference on Signal and Information Processing*. 2015. (EI)
**[8]** X. Hou, **Z. Chen**, S. Xu. Compressive Sensing Improvement Based on Projection

Replacement in Measurement Space. *International Conference on Internet Multimedia Computing and Service*. 2014. (EI)

**[9]** Y. Tan, X. Hou, **Z. Chen**, et al. Image compressive sensing reconstruction based on collaboration reduced rank preprocessing. *Electronics Letters*, 2017, 53(11):717-718. (SCI)

**[10]** X. Hou, L. Zhang, **Z. Chen**, et al. Sparse-filtering in directional lifting wavelet transform domain based Bayesian compressive sensing. *International Journal of Wavelets Multiresolution \& Information Processing*, 2014, 12(06):4628-568. (SCI)

**科研成果及专利：**

[1] 侯兴松，**陈赞**，邹屹洋．一种压缩感知图像编码传输方法．授权号：ZL201711131617.7，发明专利.

**其它：**

欢迎对机器学习、图像处理等领域感兴趣的同学报考研究生