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　2018.06 - 2018.09, 计算机学院, 博士后
- 导师: Yasutaka Furukawa （ECCV'2012 最佳学生论文奖）

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　2007.09 - 2011.06, 本科, 数学试点班, 数学科学学院

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南开大学青年教师启动基金，20万，2020.01-2021.12，项目负责人

主要论文　　（第一作者，共同一作#，通讯作者*，Google Scholar 引用 711 次）

1. **Jun Xu**, Yingkun Hou, Dongwei Ren, Li Liu, Fan Zhu, Mengyang Yu, Haoqian Wang, Ling Shao. STAR: A Structure and Texture Aware Retinex Model. IEEE Transactions on Image Processing (**TIP**), vol. 29, pp. 5022-5037, Dec. 2020. (CCF-A, SCI一区，影响因子6.79)

2. **Jun Xu***, Mengyang Yu, Ling Shao, Wangmeng Zuo, Deyu Meng, Lei Zhang, David Zhang. Scaled Simplex Representation for Subspace Clustering. IEEE Transaction on Cybernetics (**TCYB**), Oct. 2019. (SCI一区，影响因子10.387)

3. **Jun Xu***, Wangpeng An, David Zhang, Lei Zhang. Sparse, Collaborative, or Nonnegative Representation: Which Helps Pattern Classification? Pattern Recognition (**PR**), vol. 88, pp. 679-688, Apr. 2019. (SCI一区，影响因子5.898)

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5. **Jun Xu**, Lei Zhang, David Zhang. A Trilateral Weighted Sparse Coding Scheme for Real-World Image Denoising. European Conference on Computer Vision (**ECCV**), 2018. (CCF-B, 计算机视觉顶会)

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7. **Jun Xu**, Lei Zhang, Wangmeng Zuo, David Zhang, Xiangchu Feng. Patch Group Based Nonlocal Self-Similarity Prior Learning for Image Denoising. IEEE International Conference on Computer Vision (**ICCV**), 2015. (CCF-A, 计算机视觉顶会)

8. **Jun Xu**, Kui Xu, Ke Chen, Jishou Ruan. Reweighted Sparse Subspace Clustering. Computer Vision and Image Understanding (**CVIU**), vol. 138, pp. 25-37, Sep. 2015. (CCF-B)

9. Yingkun Hou, **Jun Xu***, Mingxia Liu, Guanghai Liu, Li Liu, Fan Zhu, Ling Shao. NLH: A Blind Pixel-level Non-local Method for Real-world Image Denoising. IEEE Transactions on Image Processing (**TIP**), vol. 29, pp. 5121-5135, Dec. 2020. (CCF-A, SCI一区，影响因子6.79)

10. Ziqin Wang, **Jun Xu***, Li Liu, Fan Zhu, and Ling Shao. RANet: Ranking Attention Network for Fast Video Object Segmentation. IEEE International Conference on Computer Vision (**ICCV**), 2019. (CCF-A, 计算机视觉顶会)

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其他论文

1. Xiantong Zhen, Haoliang Sun, Yingjun Du, **Jun Xu**, Yilong Yin, Ling Shao, Cees Snoek. Learning to Learn Kernels with Variational Random Features. The 37th International Conference on Machine Learning (**ICML**), 2020. (CCF-A, 机器学习顶会)

2. Zhetong Liang, **Jun Xu**, David Zhang, Zisheng Cao, Lei Zhang. A Hybrid ℓ_1-ℓ_0 Layer Decomposition Model for Tone Mapping. IEEE Computer Vision and Pattern Recognition (**CVPR**), 2018. (CCF-A, 计算机视觉顶会)

3. Wangpeng An, Haoqian Wang, Qingyun Sun, **Jun Xu**, Lei Zhang, Qionghai Dai. A PID Controller Approach for Stochastic Optimization of Deep Networks. IEEE Computer Vision and Pattern Recognition (**CVPR**), 2018. (CCF-A, 计算机视觉顶会)

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5. Dongwei Ren, Wangmeng Zuo, David Zhang, **Jun Xu**, Lei Zhang. Partial Deconvolution with Inaccurate Blur Kernel. IEEE Transactions on Image Processing (**TIP**), vol. 27, issue 1, pp. 511-524, Jan. 2018. (CCF-A, SCI一区，影响因子6.79)

6. Yingjun Du, **Jun Xu**, Qiang Qiu, Xiantong Zhen. Variational Image Deraining IEEE Winter Conference on Applications of Computer Vision (**WACV**), 2020.

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8.   Zhou Xu, Shuai Li, Xiapu Luo, Jin Liu, Tao Zhang, Yutian Tang, **Jun Xu**, Peipei Yuan, Jacky Keung. TSTSS: A Two-Stage Training Subset Selection Framework for Cross Version Defect Prediction. Journal of Systems and Software, vol. 154, pp. 59-78, Sep. 2019.

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