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主要论文　　　（第一作者，共同一作#，通讯作者*，Google Scholar 引用 780 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)

[4] **Jun Xu**, Lei Zhang, David Zhang. External Prior Guided Internal Prior Learning for Real-world Noisy Image Denoising. IEEE Transactions on Image Processing (**TIP**), vol. 27, issue 6, pp.

2996-3010, June 2018. (CCF-A, SCI一区，影响因子6.79)

[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)

[6] **Jun Xu**, Lei Zhang, David Zhang, Xiangchu Feng. Multi-channel Weighted Nuclear Norm Minimization for Real Color Image Denoising. IEEE International Conference on Computer Vision (**ICCV**), 2017. (CCF-A, 计算机视觉顶会，谷歌引用100+次)

[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，谷歌引用220+次)

[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)

[11] Yingjun Du[#], **Jun Xu**[#], Xiantong Zhen, Ming-Ming Cheng, Ling Shao. Conditional Variational Image Deraining. IEEE Transactions on Image Processing (**TIP**), vol. 29, issue 1, pp. 6288-6301, Dec. 2020. (CCF-A, SCI一区，影响因子6.79)

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] Yingjun Du, **Jun Xu**, Huan Xiong, Qiang Qiu, Xiantong Zhen, Cees Snoek, Ling Shao. Learning to Learn with Variational Information Bottleneck for Domain Generalization. European Conference on Computer Vision (**ECCV**), Aug. 2020. (CCF-B, 计算机视觉顶会)

[3] Qi Han[#], Kai Zhao[#], **Jun Xu**, Ming-Ming Cheng. Deep Hough Transform for Semantic Line Detection. European Conference on Computer Vision (**ECCV**), Aug. 2020. (CCF-B, 计算机视觉顶会)

[4] Zhao Zhang[#], Wen-Da Jin[#], **Jun Xu**, Ming-Ming Cheng. Gradient-Induced Co-Saliency Detection. European Conference on Computer Vision (**ECCV**), Aug. 2020. (CCF-B, 计算机视觉顶会)

[5] 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)

[6] 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)

[7] Haoqian Wang, Yi Luo, Wangpeng An, Qingyun Sun, **Jun Xu**, Lei Zhang. PID Controller based

Stochastic Optimization Acceleration for Deep Neural Networks. IEEE Transactions on Neural Networks and Learning Systems (**TNNLS**), Accept, 2020. (SCI一区，影响因子11.68)

[8] 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)

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- IEEE Transactions on Neural Networks and Learning Systems (TNNLS)
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