**传统语义分割**

网络结构+损失函数

1. Learning Statistical Texture for Semantic Segmentation(CVPR 2021)
2. Severity-Aware Semantic Segmentation with Reinforced Wasserstein Training(CVPR 2020)

基于transformer

1. Rethinking Semantic Segmentation from a Sequence-to-Sequence Perspective with Transformers(CVPR 2021)

用不同的数据集去训练一个统一的模型

1. Cross-Dataset Collaborative Learning for Semantic Segmentation(CVPR 2021)

高分辨率图像分割

1. Progressive Semantic Segmentation(CVPR 2021)

解决模型遗忘

1. PLOP: Learning without Forgetting for Continual Semantic Segmentation(CVPR 2021)
2. Continual Semantic Segmentation via Repulsion-Attraction of Sparse and Disentangled Latent Representations(CVPR 2021)
3. Modeling the Background for Incremental Learning in Semantic Segmentation(CVPR 2020)

**域适应语义分割**

1. Bidirectional Learning for Domain Adaptation of Semantic Segmentation(CVPR 2019)
2. Multi-Source Domain Adaptation with Collaborative Learning for Semantic Segmentation(CVPR 2021)
3. Coarse-to-Fine Domain Adaptive Semantic Segmentation with Photometric Alignment and Category-Center Regularization(CVPR 2021)
4. Source-Free Domain Adaptation for Semantic Segmentation(CVPR 2021)
5. Prototypical Pseudo Label Denoising and Target Structure Learning for Domain Adaptive Semantic Segmentation(CVPR 2021)
6. Self-supervised Augmentation Consistency for Adapting Semantic Segmentation(CVPR 2021)

**实时语义分割**

1. Rethinking BiSeNet For Real-time Semantic Segmentation(CVPR 2021)
2. HyperSeg: Patch-wise Hypernetwork for Real-time Semantic Segmentation(CVPR 2021)

**弱监督语义分割**

1. Railroad is not a Train: Saliency as Pseudo-pixel Supervision for Weakly Supervised Semantic Segmentation(CVPR 2021)
2. Weakly-Supervised Semantic Segmentation via Sub-Category Exploration(CVPR 2020)
3. Single-Stage Semantic Segmentation From Image Labels(CVPR 2020)

**半监督语义分割**

1. Semi-Supervised Semantic Segmentation with Cross Pseudo Supervision(CVPR 2021)
2. Semi-supervised Semantic Segmentation with Directional Context-aware Consistency(CVPR 2021)
3. Semi-Supervised Semantic Image Segmentation with Self-correcting Networks(CVPR 2020)

**自监督语义分割**

1. Three Ways to Improve Semantic Segmentation with Self-Supervised Depth Estimation(CVPR 2021)
2. PiCIE: Unsupervised Semantic Segmentation Using Invariance and Equivariance in Clustering(CVPR 2021)