

## 2019 MICCAI Journal Club Reading List

Week	Paper Title	Reporter
2019/11/28	Overview the MICCAI 2019 Papers	Changmiao Wang
	1. Retinopathy Diagnosis Using Semi-supervised Multi-channel Generative Adversarial Network 2.DME-Net: Diabetic Macular Edema Grading by Auxiliary Task Learning	Wenting Jiang
	1.FocusNet: Imbalanced Large and Small Organ Segmentation with an End-to-End Deep Neural Network for Head and Neck CT Images 2.Harnessing 2D Networks and 3D Features for Automated Pancreas Segmentation from Volumetric CT Images	Liangdong Qiu
2019/12/5		
	1. Early Prediction of Alzheimer's Disease Progression Using Variational Autoencoders	Anyu Zhu
	1.Unsupervised deep learning for Bayesian brain MRI segmentation 2.PseudoEdgeNet 3.Uncertainty-aware self-ensembling model for semi-supervised 3D left atrium segmentation	Shen Gao
2019/12/12	1.A Hybrid 3DCNN and 3DC-LSTM Based Model for 4D Spatio-Temporal fMRI Data: An ABIDE Autism Classification Study 2.Advanced Multi-objective Design Analysis to Identify Ideal Stent Design	Binghao He
	Fully Convolutional Boundary Regression for Retina OCT Segmentation	Liangdong Qiu
	1. Weakly Supervised Segmentation Framework with Uncertainty: A Study on Pneumothorax Segmentation in Chest X-ray 2. Pick-and-Learn: Automatic Quality Evaluation for Noisy-Labeled Image Segmentation	Minqing Zhang

	3. AirwayNet: A Voxel-Connectivity Aware Approach for Accurate Airway Segmentation Using Convolutional Neural Networks	
2019/12/19		Weibing Zhao
		Jiali Liu
2019/12/26	1. Captioning Ultrasound Images Automatically 2. Overcoming Data Limitation in Medical Visual Question Answering	Hongzhi Chen
	InfoMask: Masked Variational Latent Representation to Localize Chest Disease	Xinrong Jiang
		Qin Wang
		Wenting Jiang
2020/1/9		