A Novel PCA-Based Wishart Filtering Method for Reduction of Unstructured Noise in fMRI and Connectomes to Improve Diagnosis of Neurodegenerative Diseases

Boddu, Nikhil (School: Marquette High School)

With increasing interest in using fMRI and functional connectivity networks to understand and diagnose neurodegeneration, advanced method for image processing are necessary to produce

Awards Won:

Drexel University: Full tuition scholarship $200,000