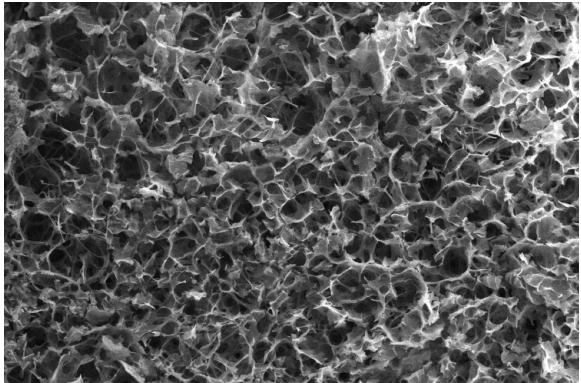
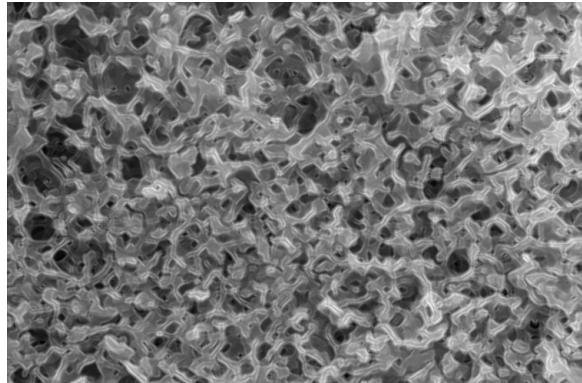


Original Image



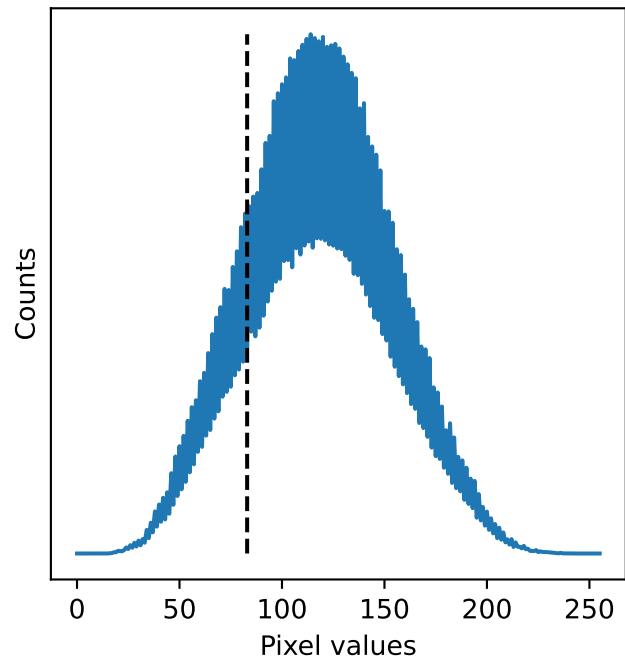
Processed Image



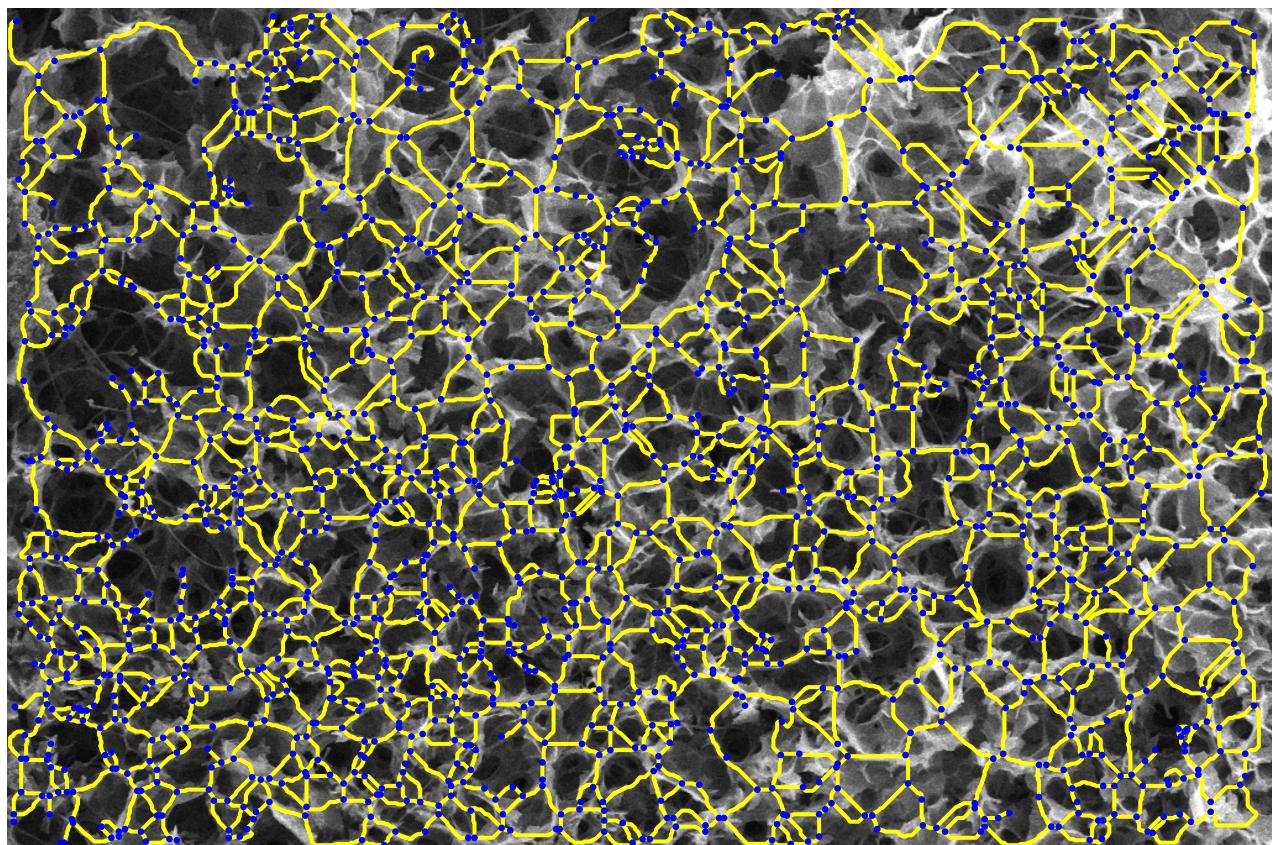
Binary Image



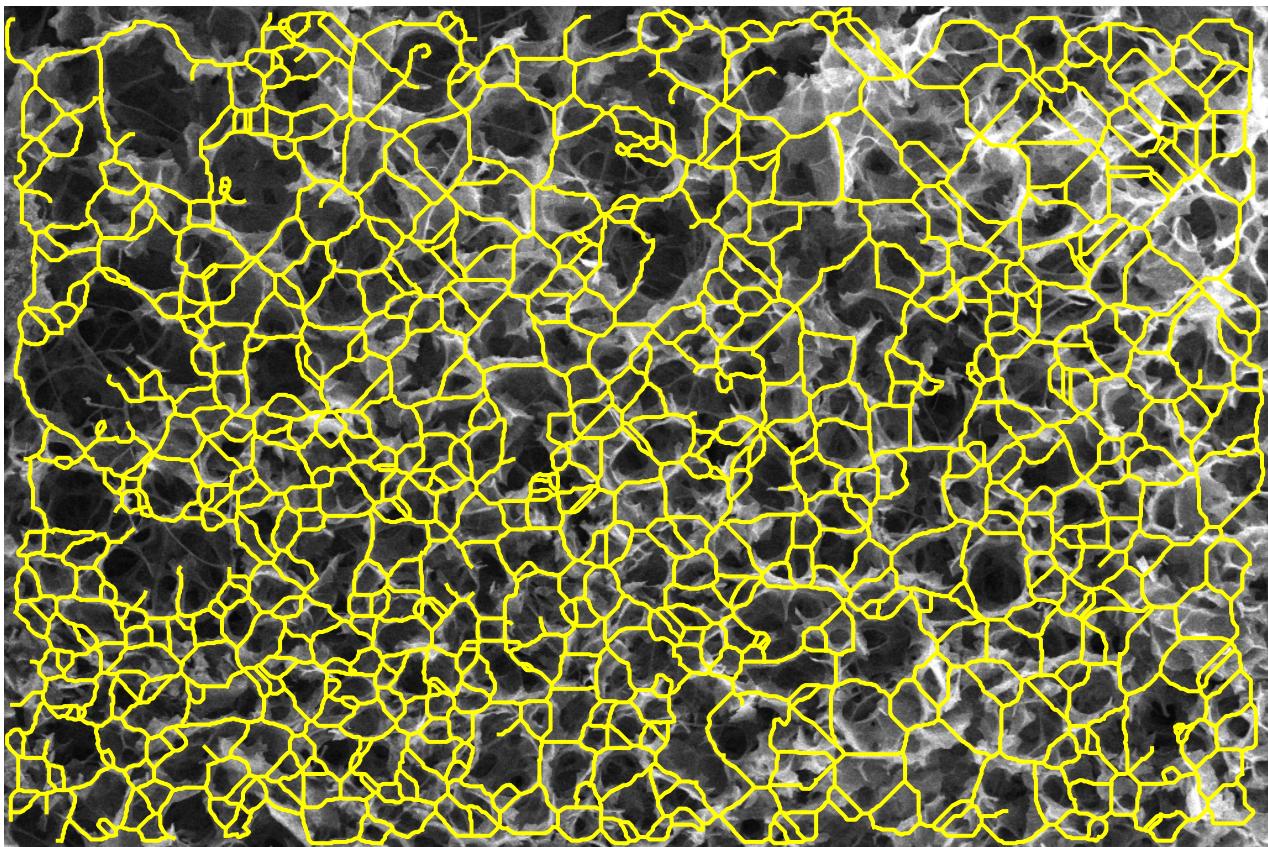
Histogram of Processed Image



Graph Node Plot



Graph Edge Plot



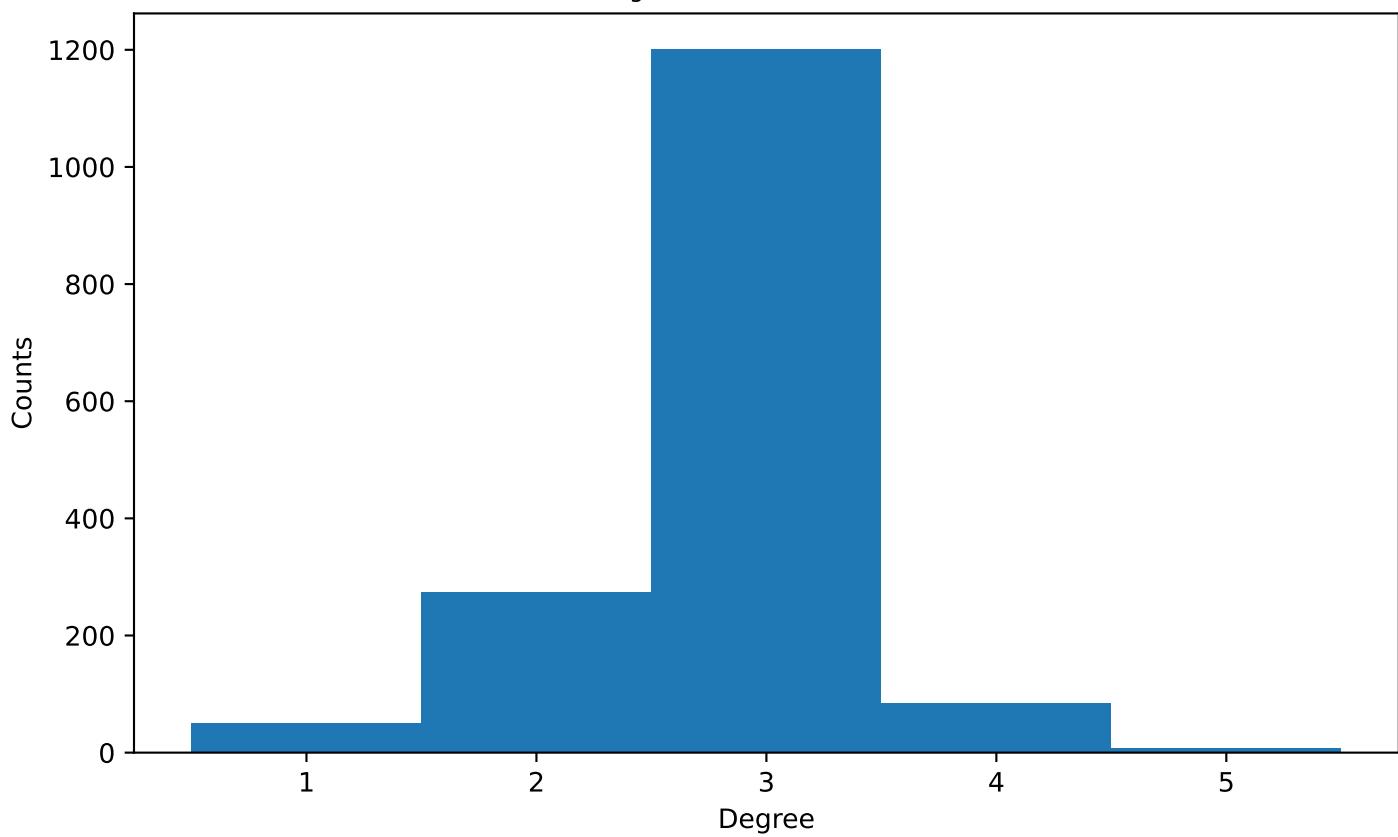
Unweighted GT parameters

Number of nodes	1619.0
Number of edges	2290.0
Average edge angle (degrees)	161.956
Median edge angle (degrees)	90.0
Average degree	2.82891
Network diameter	75.0
Graph density	0.00175

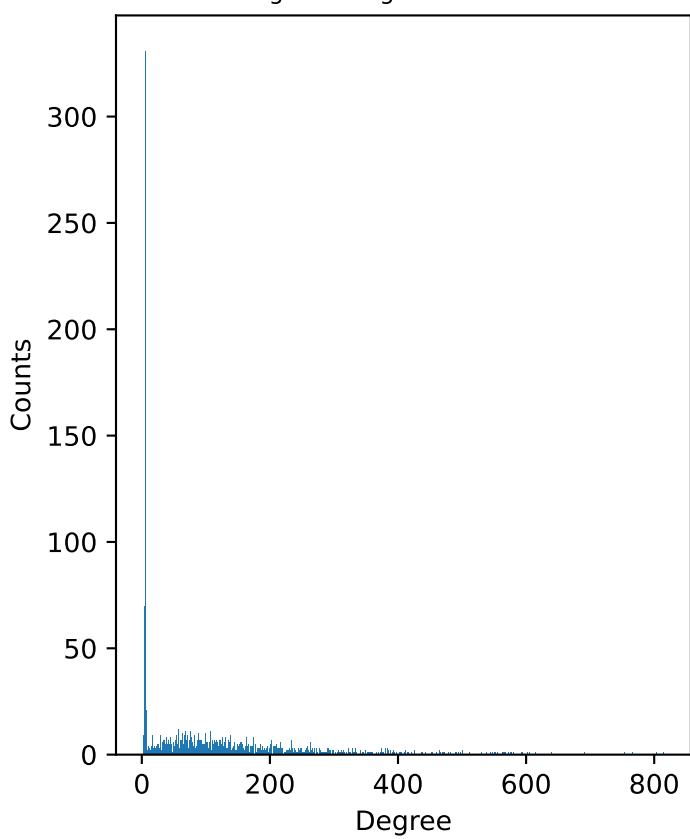
Weighted GT parameters

Diameter-weighted average degree	116.64306
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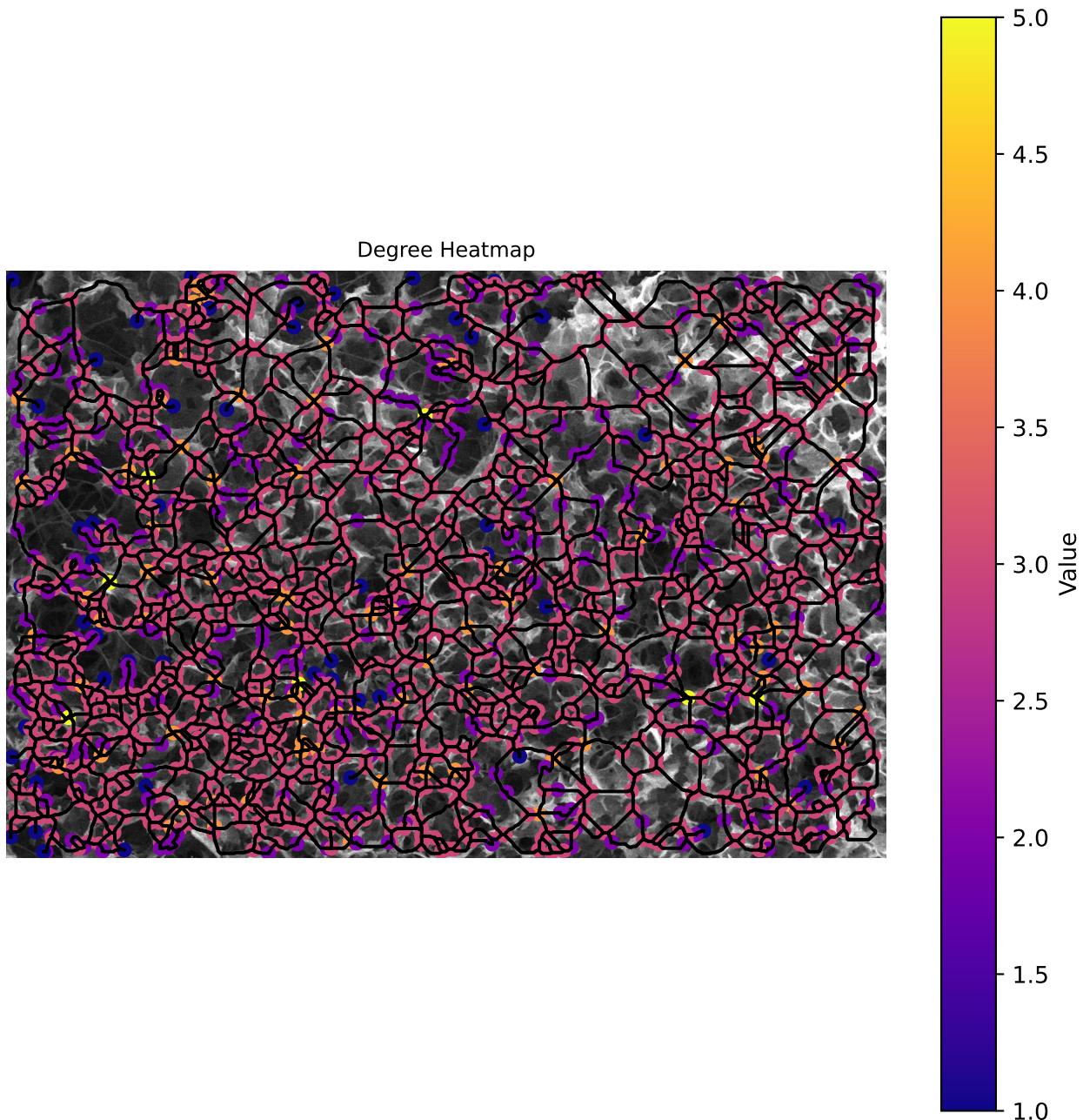
Degree Distribution: $\sigma=0.58$



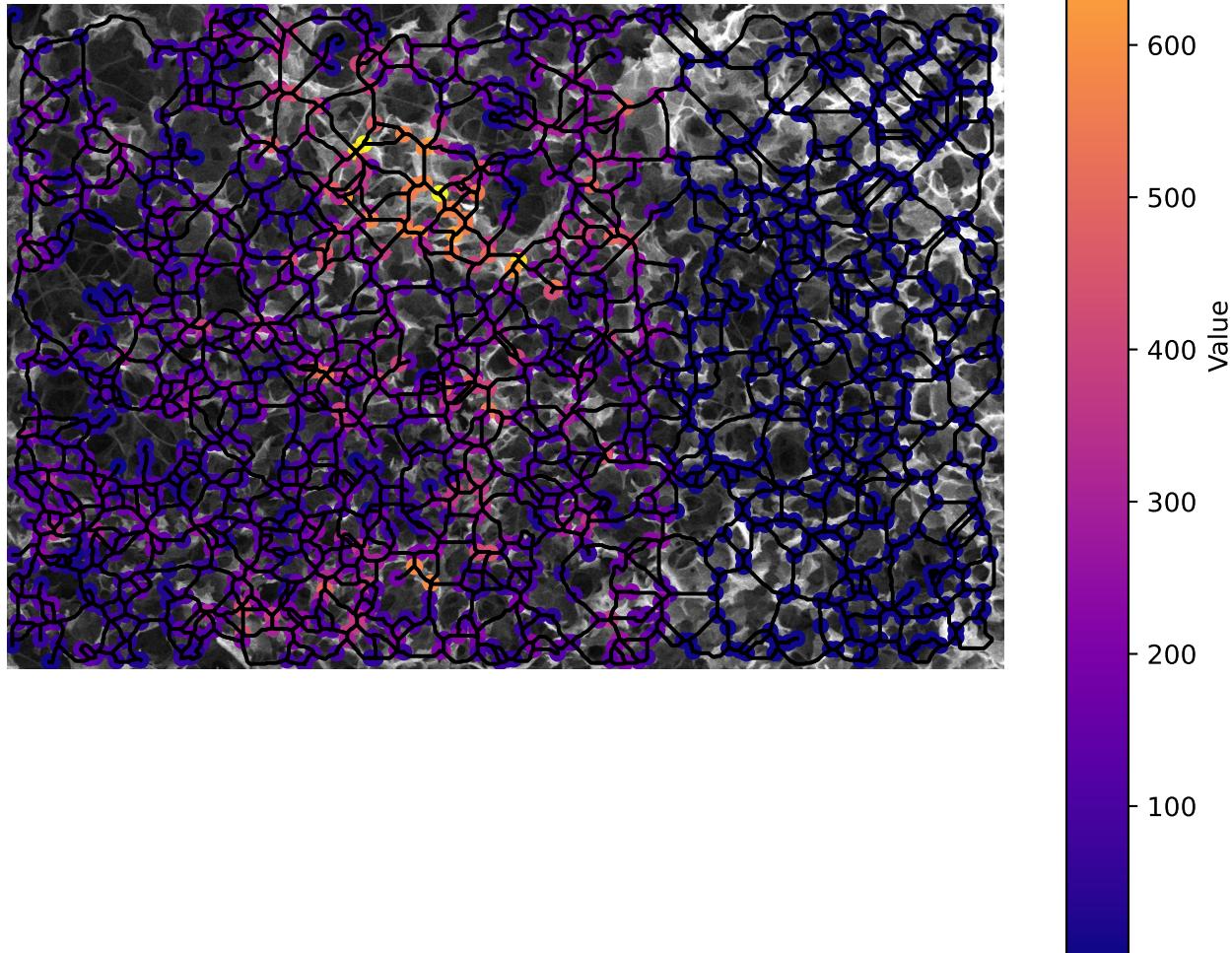
Weighted Degree: $\sigma=126.723$



Degree Heatmap



Weighted Degree Heatmap



Run Info

d (2).tif
2025-06-04 18:12:05

Image Filter Configurations
Global Threshold (83.0) || Gamma = 2.2
Median Filter || Gaussian Blur, 5.0 bit kernel
Scharr Gradient || Low-pass filter, 3 window size

Microscopy Parameters
Scalebar Value = 0.0 nm || Scalebar Pixel Count = 1
Resistivity = 1.0Ωm

Image Scale
Size = 682 x 1024 px || Scale Factor = 0.6666666666666666

Graph Extraction Configurations
Weight Type: Diameter || Merge Nodes || Prune Dangling Edges
Remove Objects of Size = 500 || Remove Self Loops