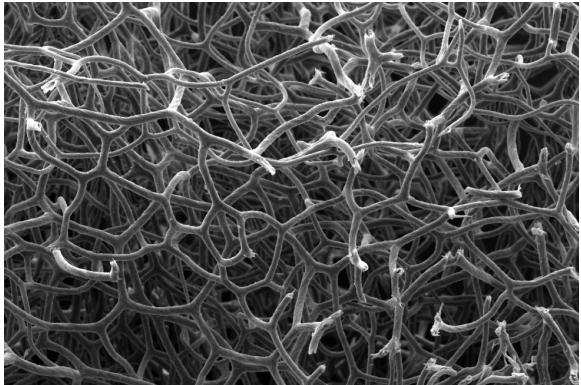
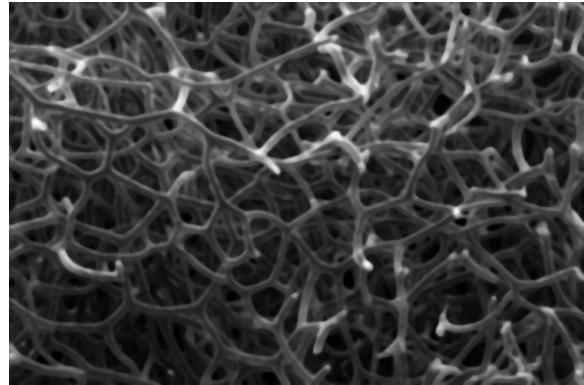


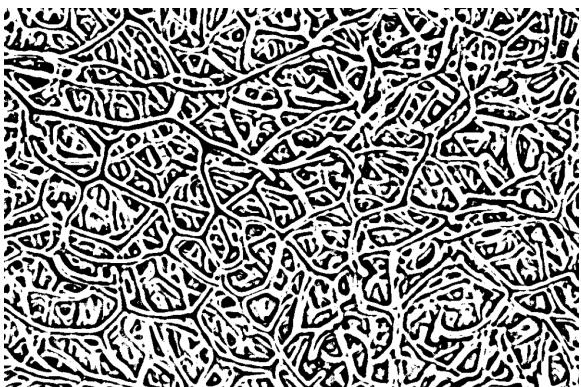
Original Image



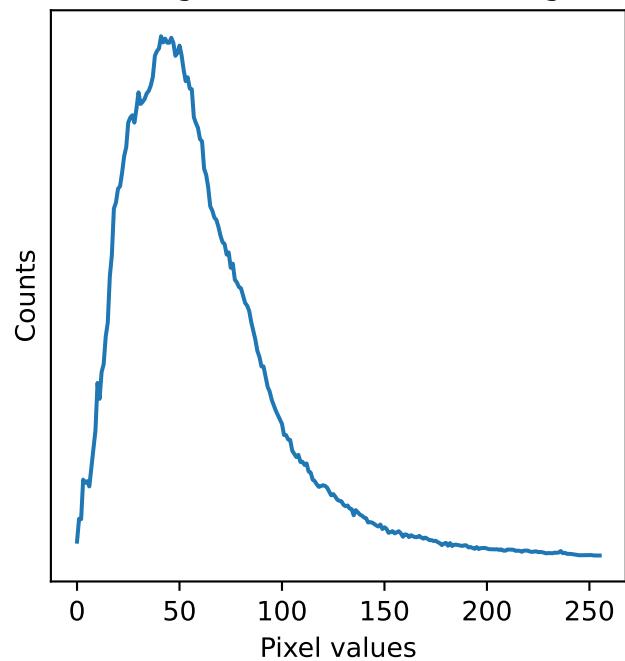
Processed Image



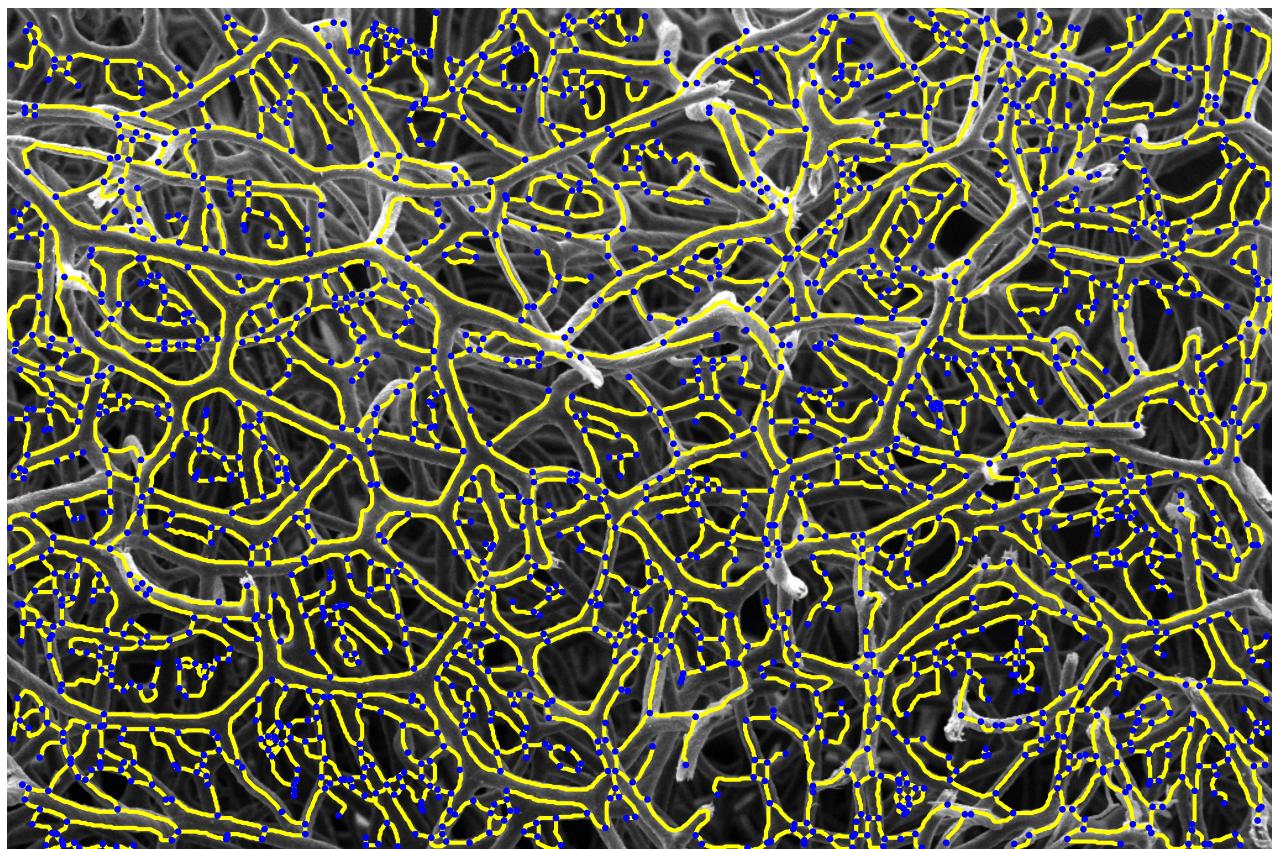
Binary Image



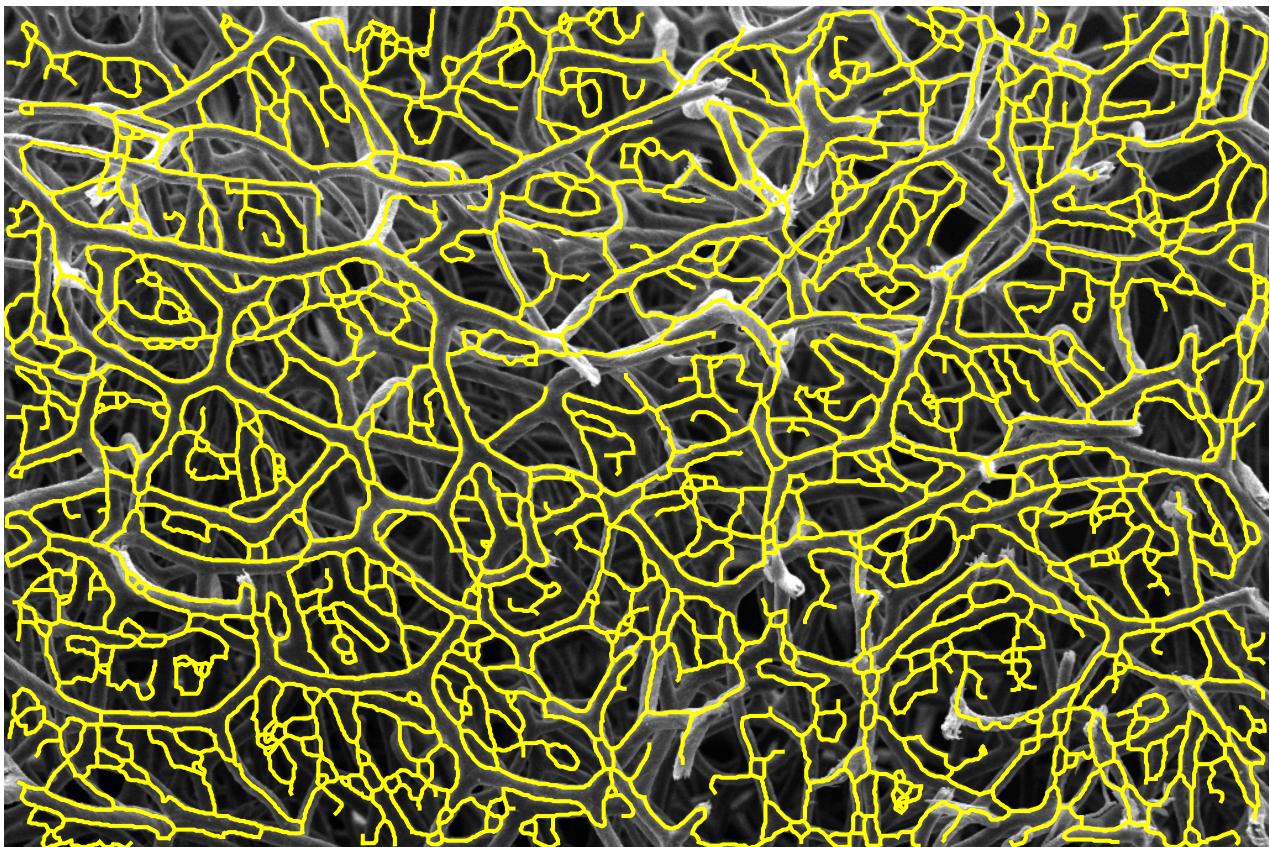
Histogram of Processed Image



Graph Node Plot



Graph Edge Plot

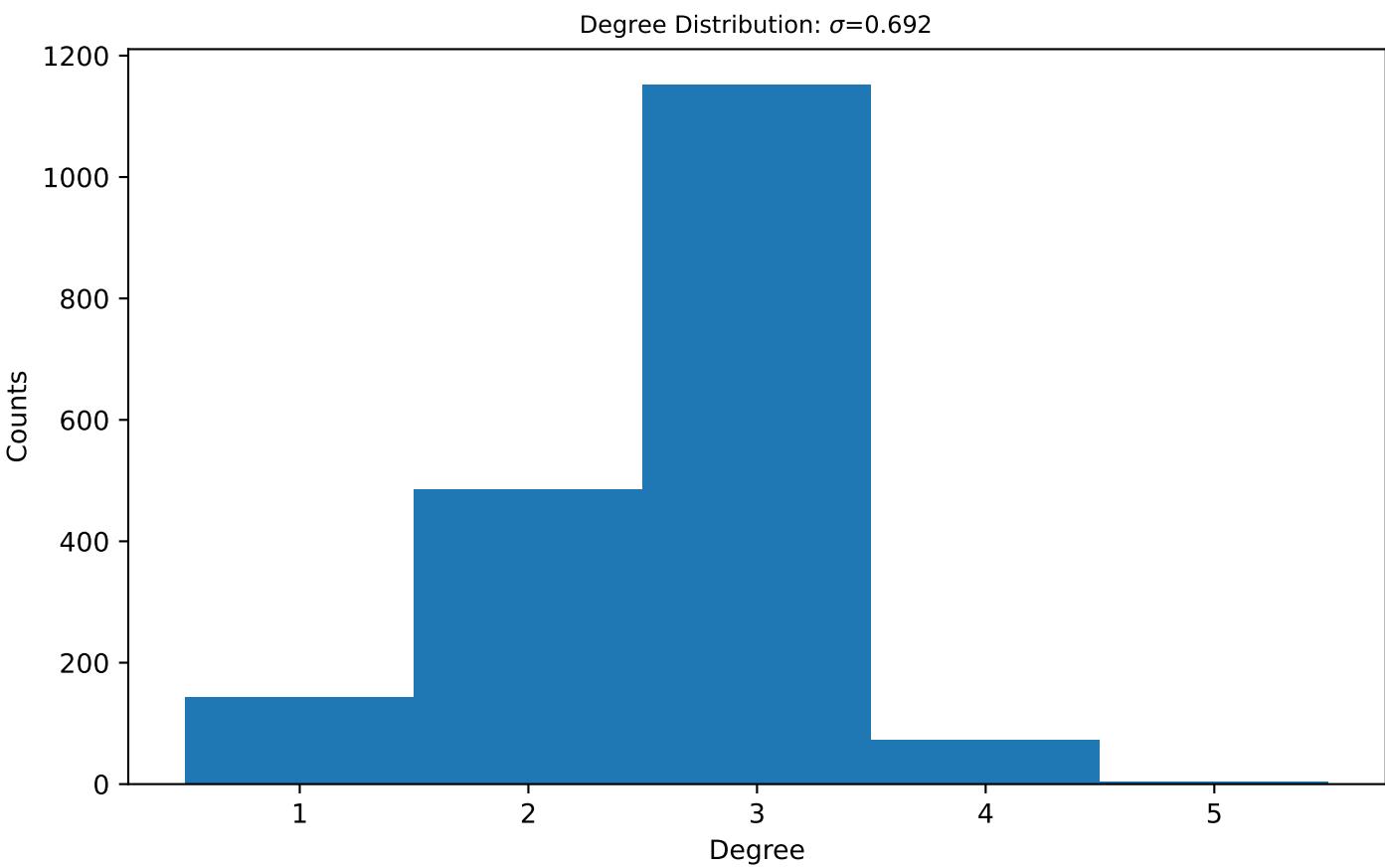


### Unweighted GT parameters

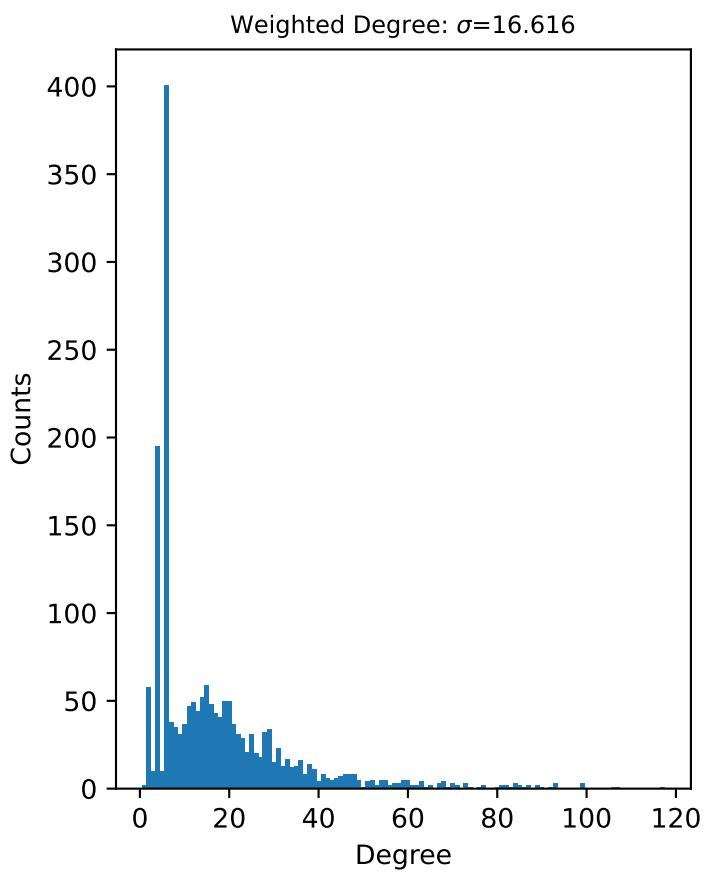
Number of nodes	1858.0
Number of edges	2442.0
Average edge angle (degrees)	158.673
Median edge angle (degrees)	84.171
Average degree	2.62863
Network diameter	78.0
Graph density	0.00142

### Weighted GT parameters

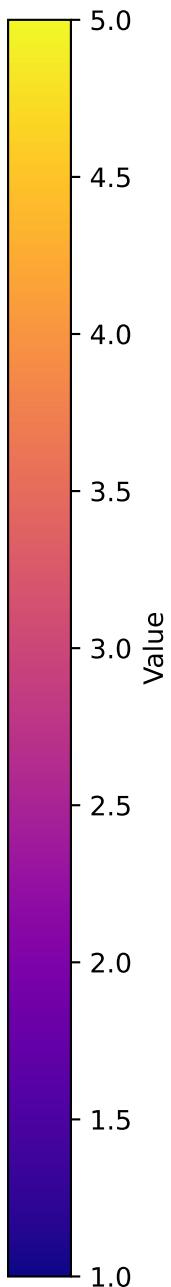
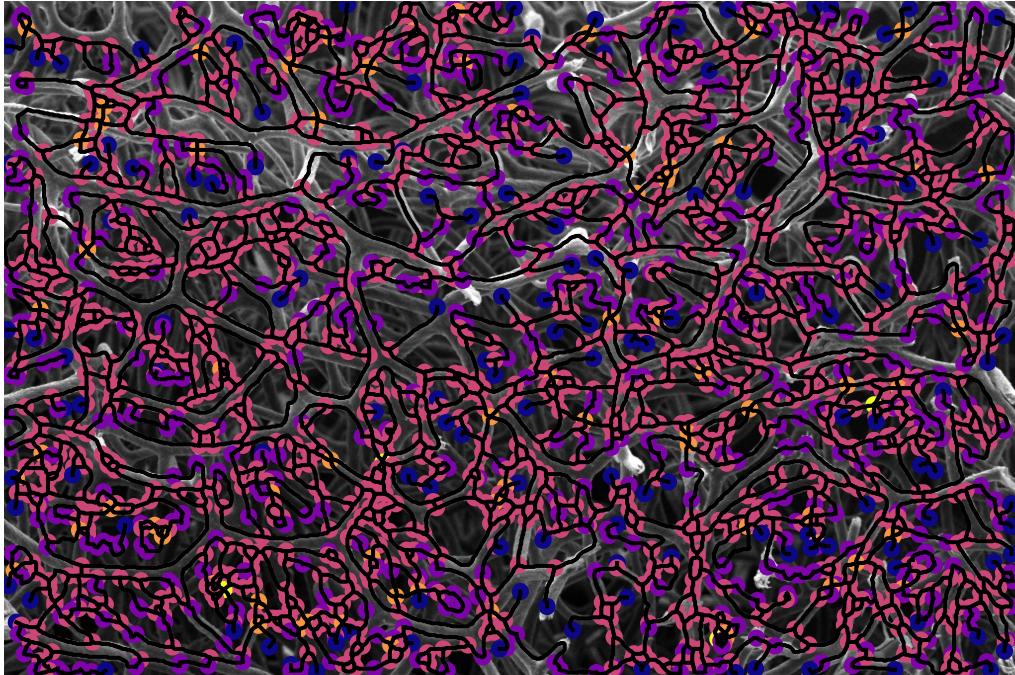
Diameter-weighted average degree	17.64878
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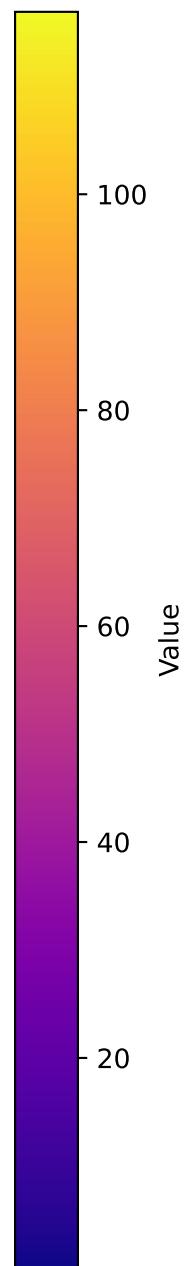
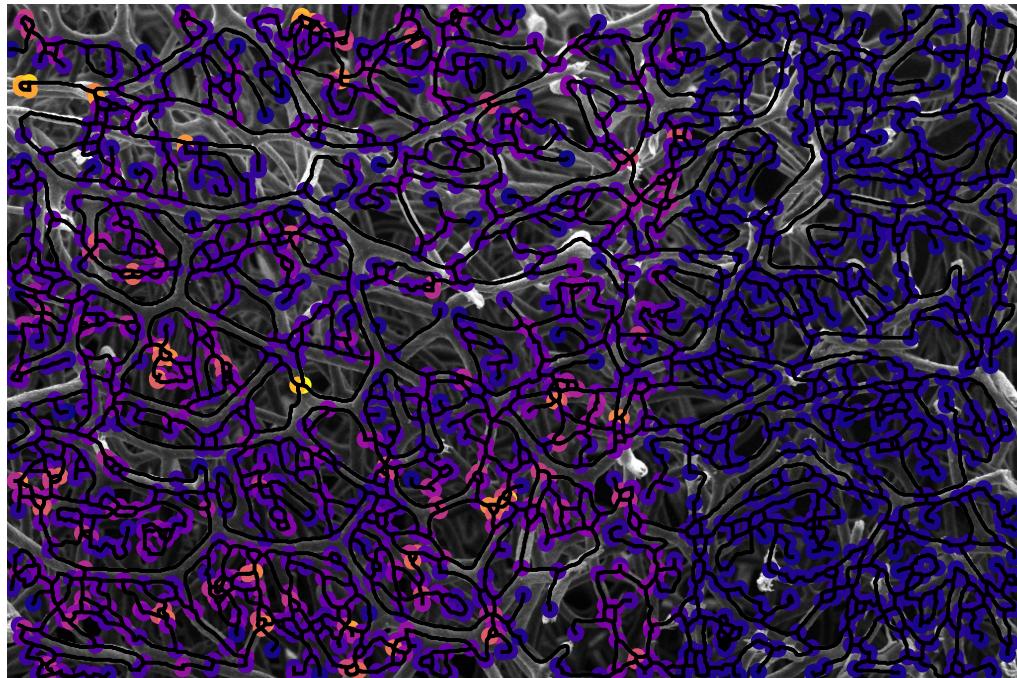




Degree Heatmap



Weighted Degree Heatmap



## Run Info

4\_002.tif  
2025-05-21 19:16:08

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\*\*\*Image Filter Configurations\*\*\*  
Adaptive Threshold, 21 bit kernel || Gamma = 0.8200000000000001  
Median Filter || Gaussian Blur, 3.0 bit kernel  
Low-pass filter, 9 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