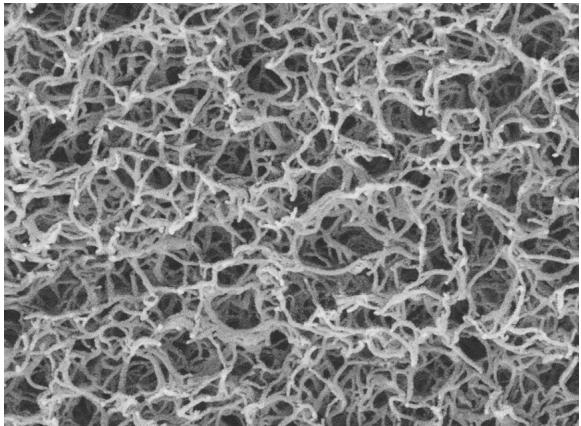
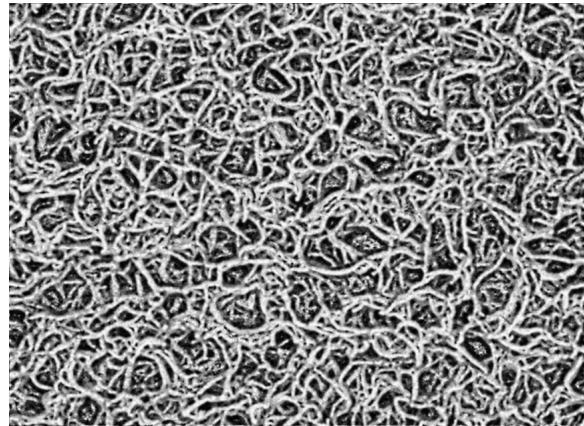


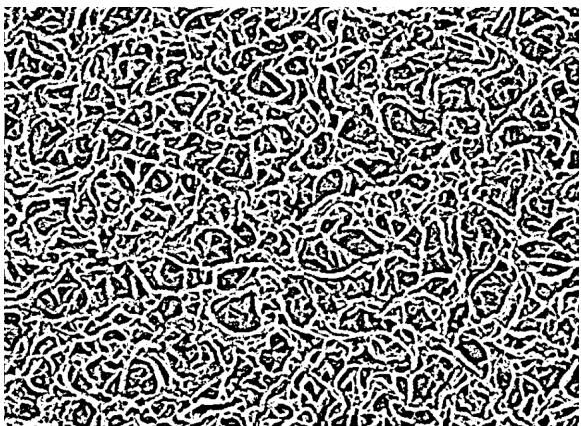
Original Image



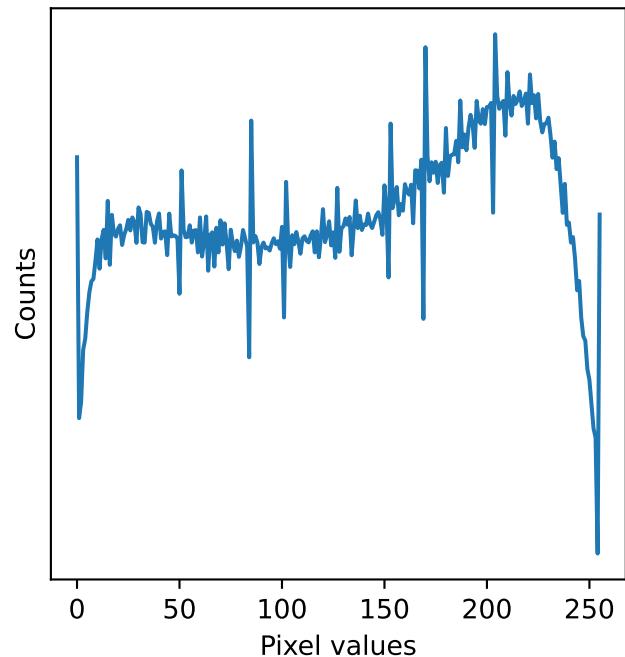
Processed Image



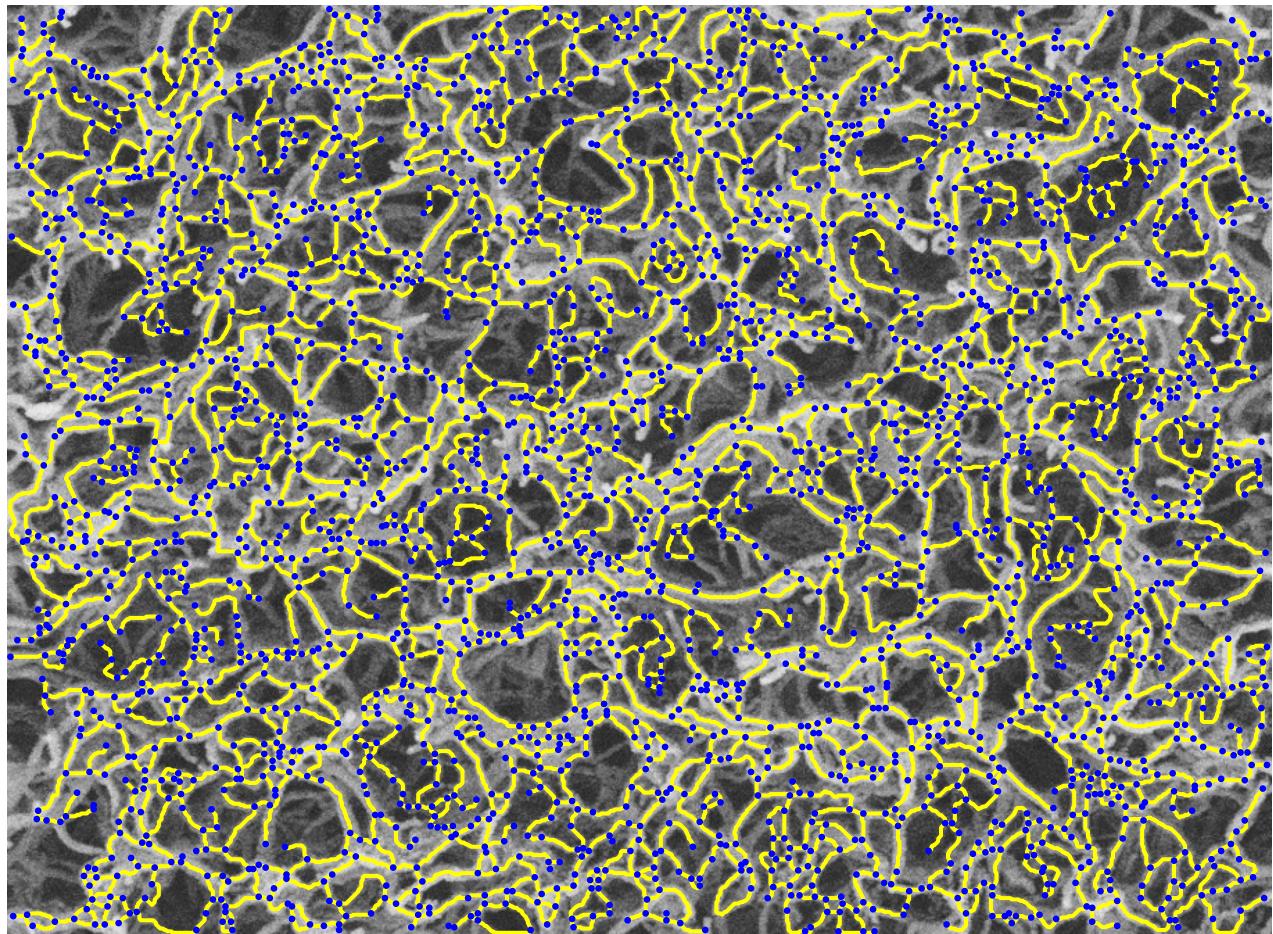
Binary Image



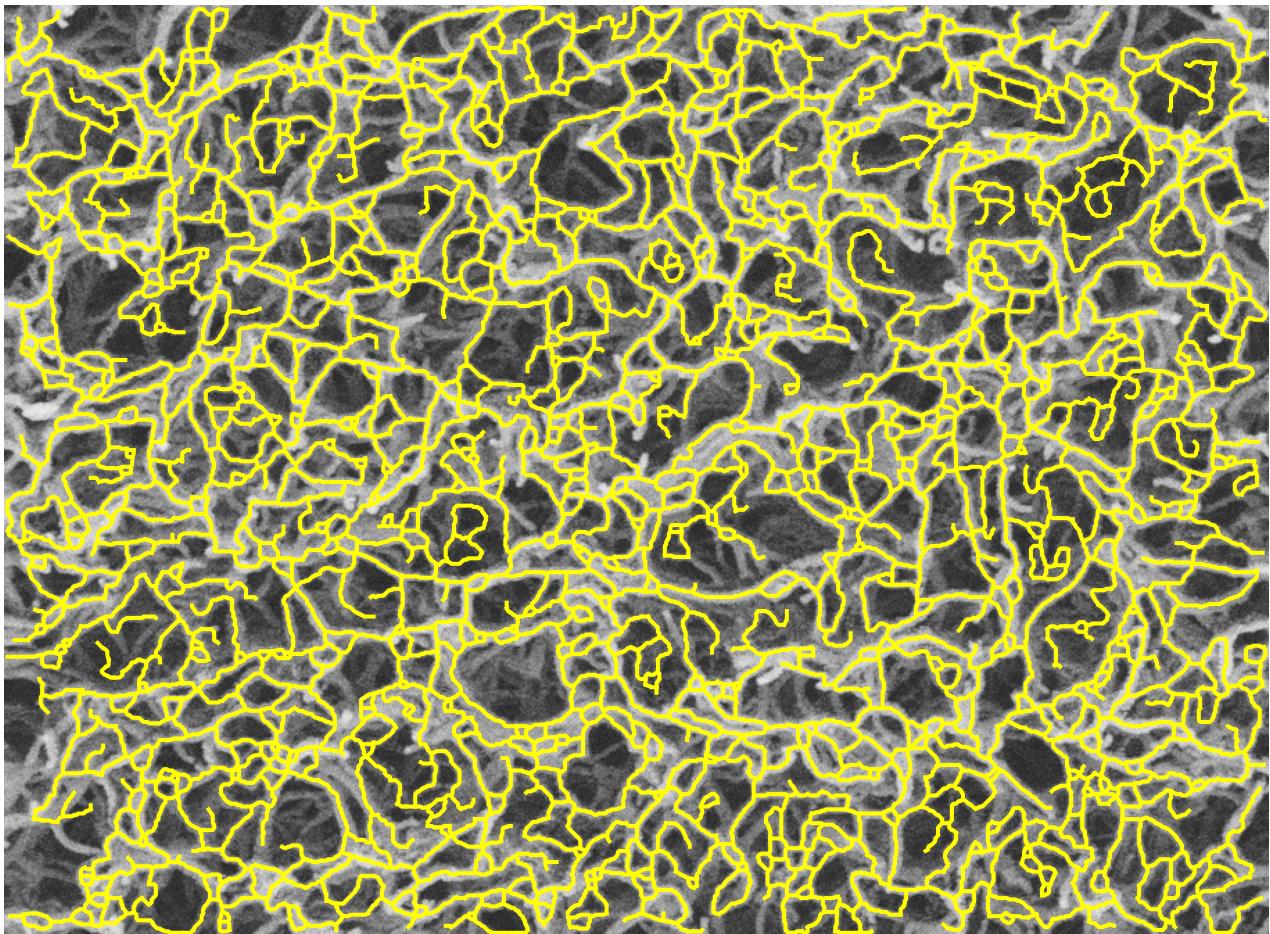
Histogram of Processed Image



Graph Node Plot



Graph Edge Plot

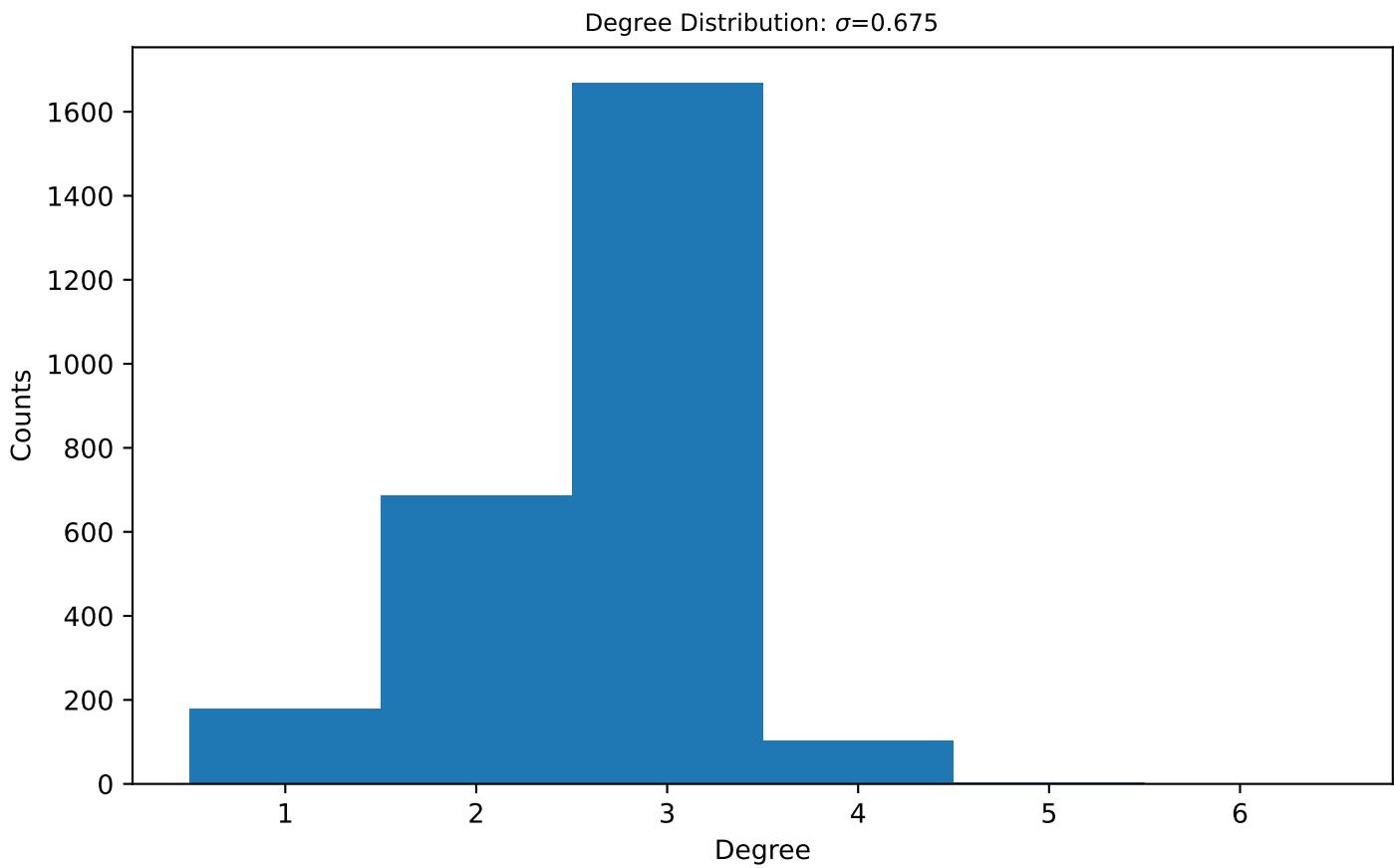


### Unweighted GT parameters

Number of nodes	2644.0
Number of edges	3500.0
Average edge angle (degrees)	168.11
Median edge angle (degrees)	90.0
Average degree	2.6475
Network diameter	100.0
Graph density	0.001

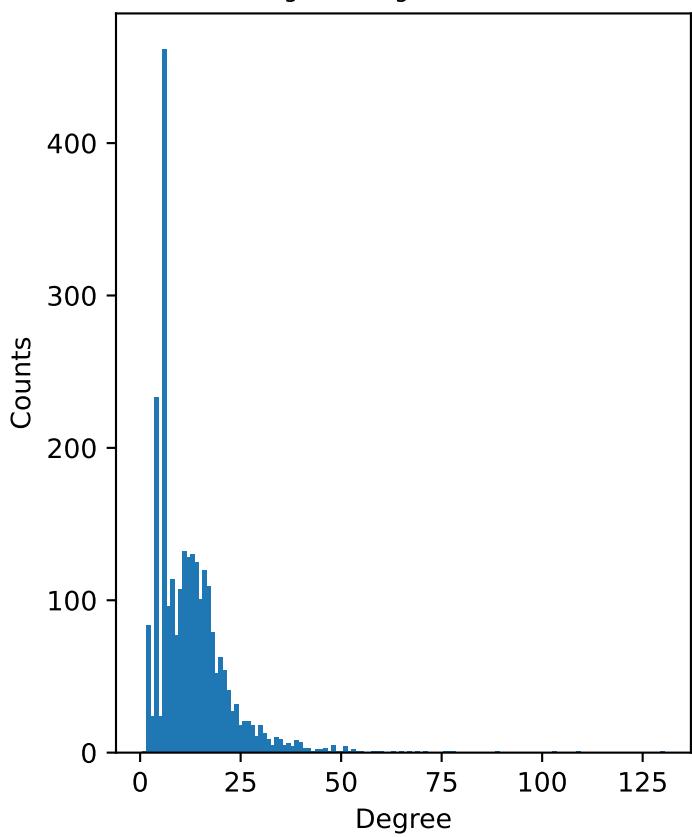
### Weighted GT parameters

Diameter-weighted average degree	13.00273
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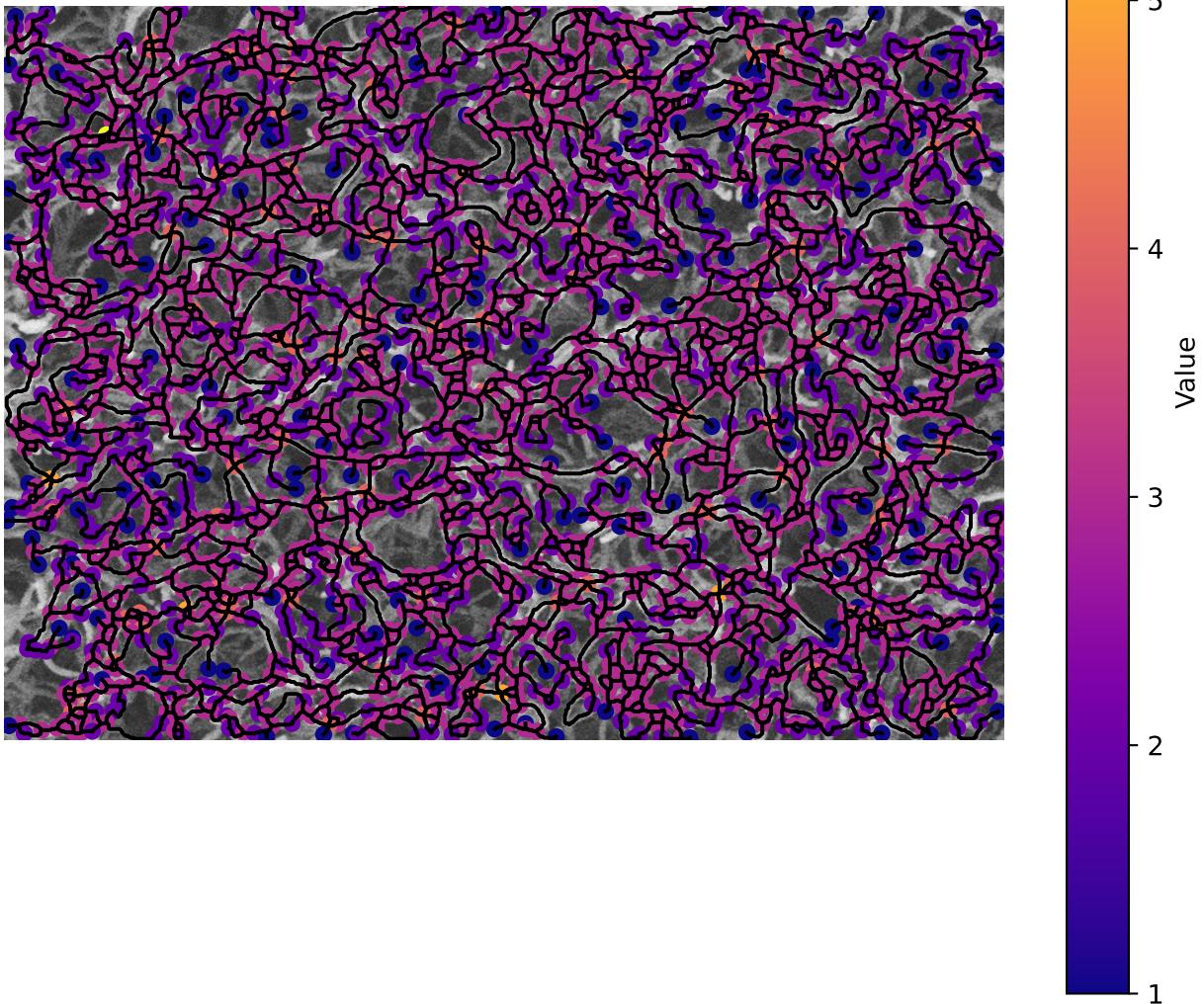




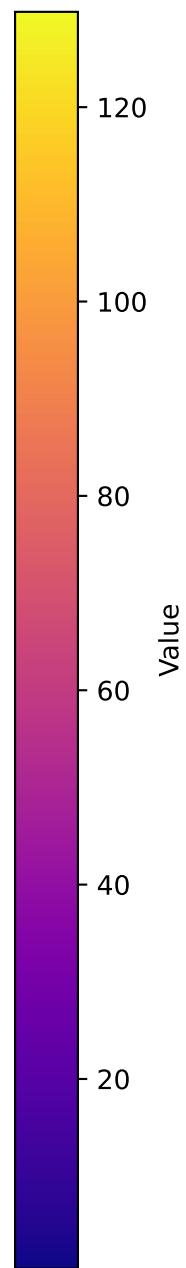
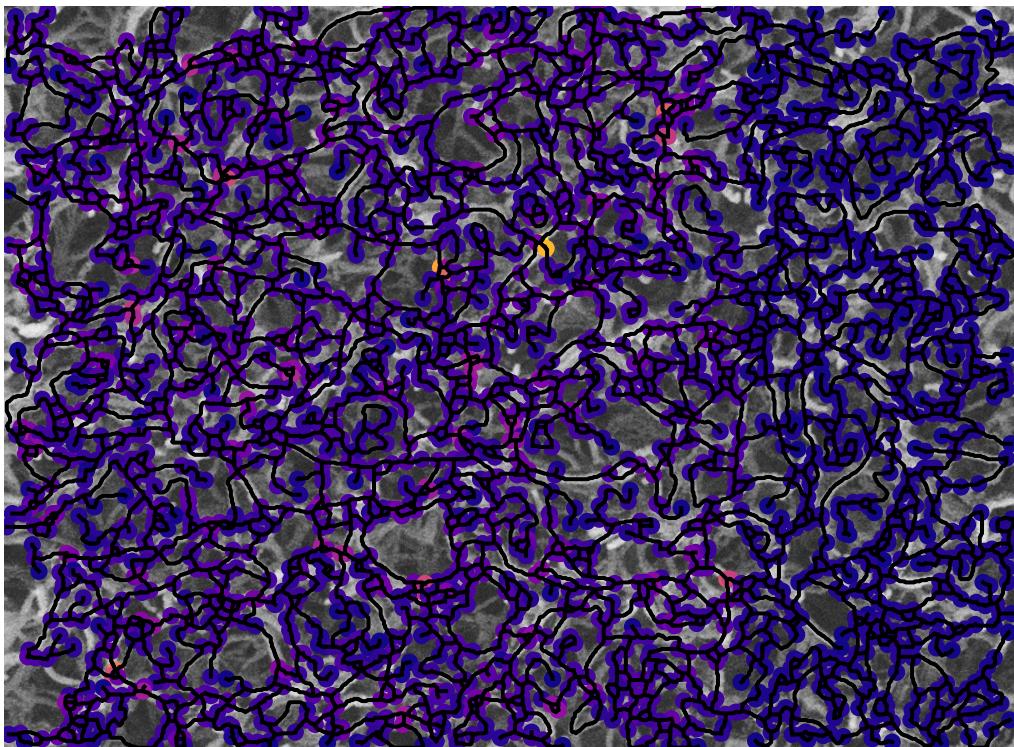
Weighted Degree:  $\sigma=9.847$



Degree Heatmap



Weighted Degree Heatmap



## Run Info

CANF copy.jpeg  
2025-06-01 11:33:42

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\*\*\*Image Filter Configurations\*\*\*

Adaptive Threshold, 25 bit kernel || Gamma = 0.88  
Autolevel, 7.0 bit kernel  
Low-pass filter, 4 window size

\*\*\*Microscopy Parameters\*\*\*

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

\*\*\*Image Scale\*\*\*

Size = 669 x 912 px || Scale Factor = 1.0

\*\*\*Graph Extraction Configurations\*\*\*

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