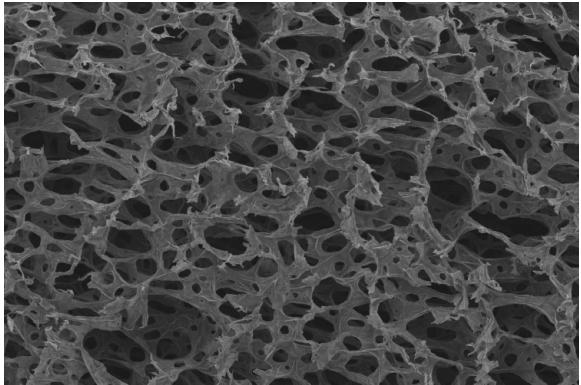
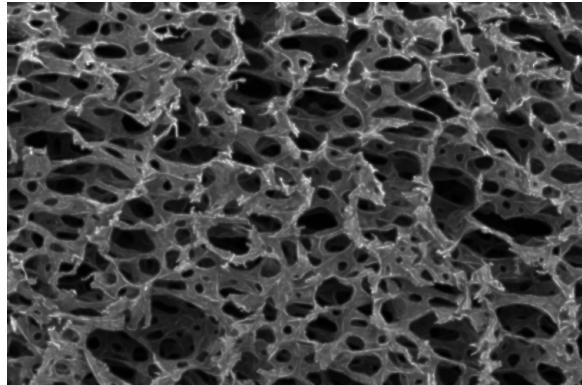


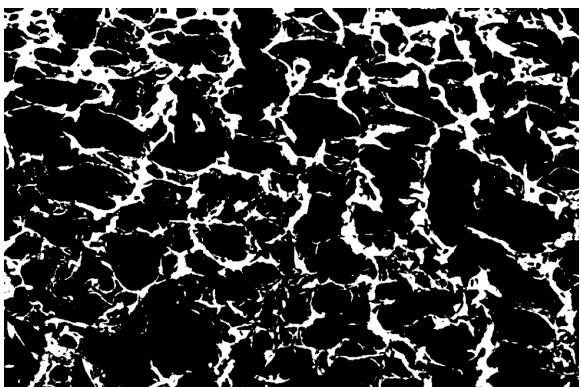
Original Image



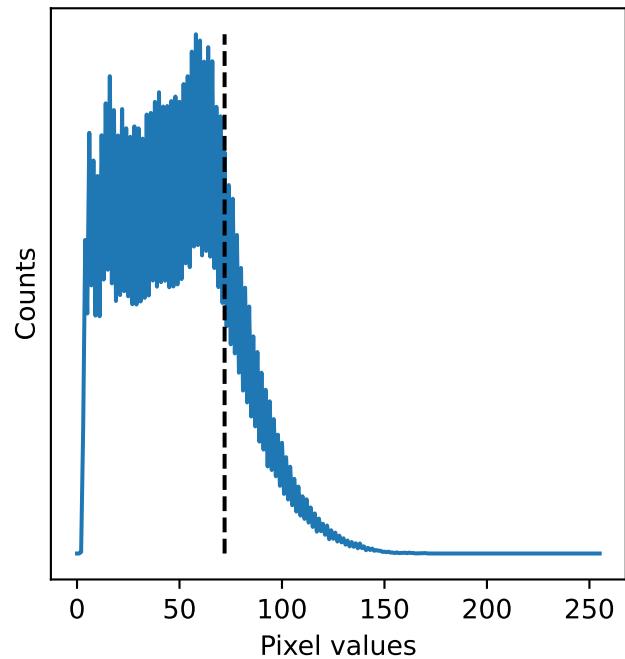
Processed Image



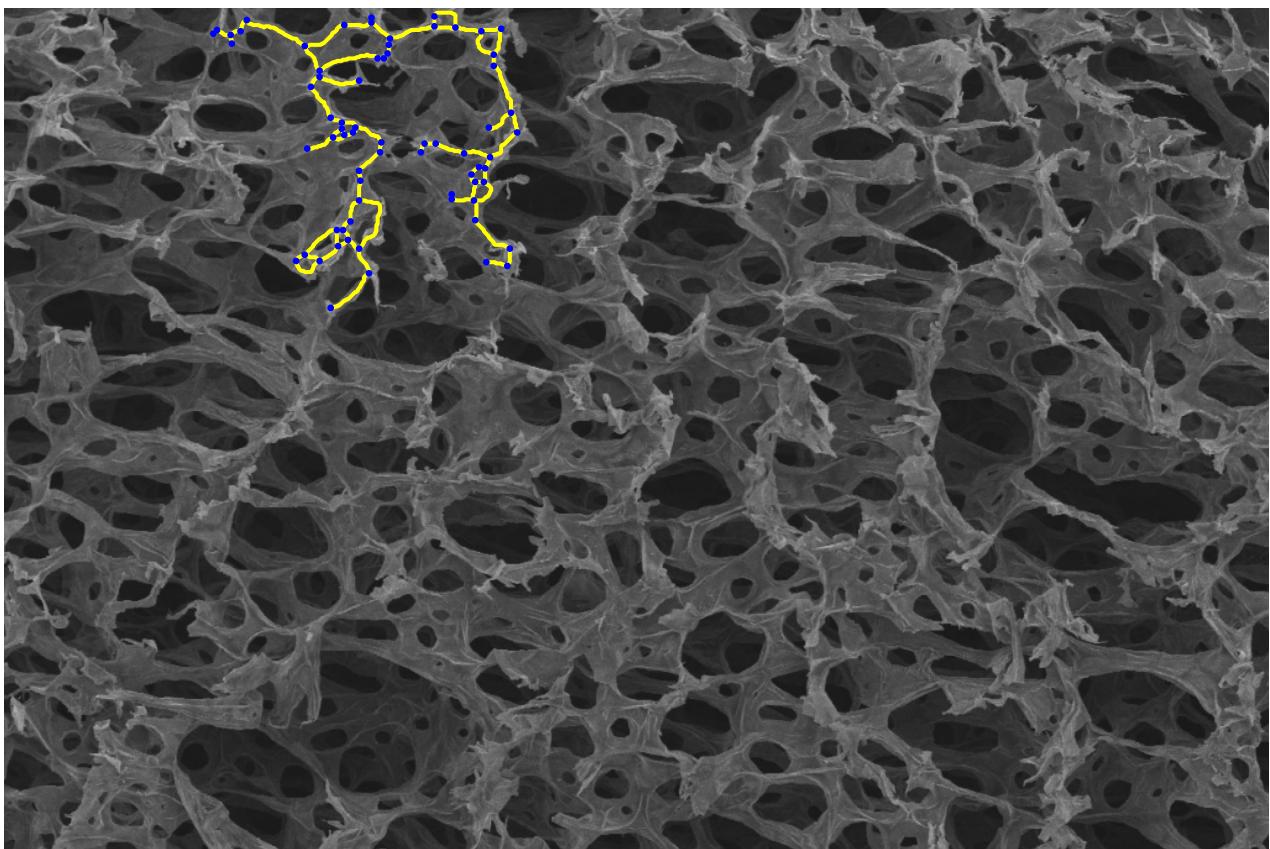
Binary Image



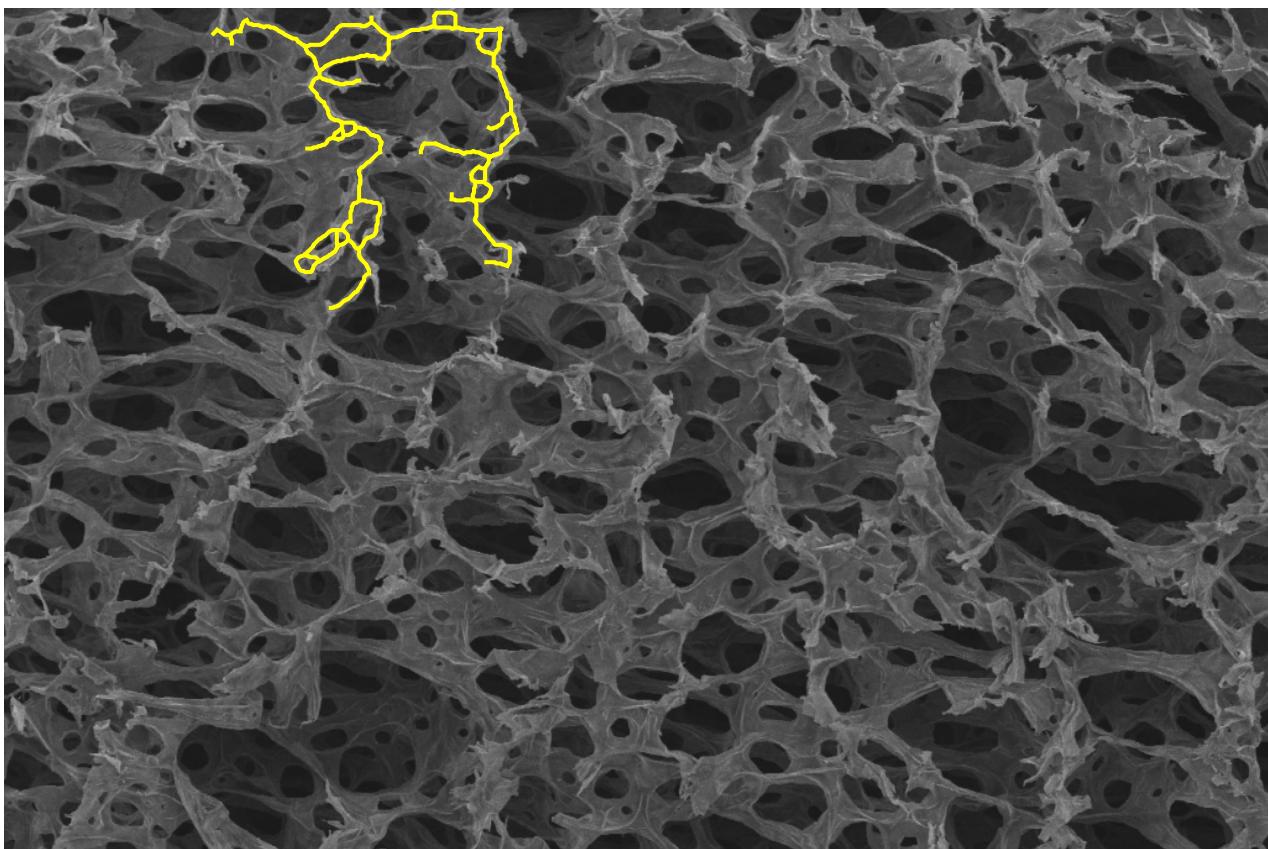
Histogram of Processed Image



Graph Node Plot



Graph Edge Plot

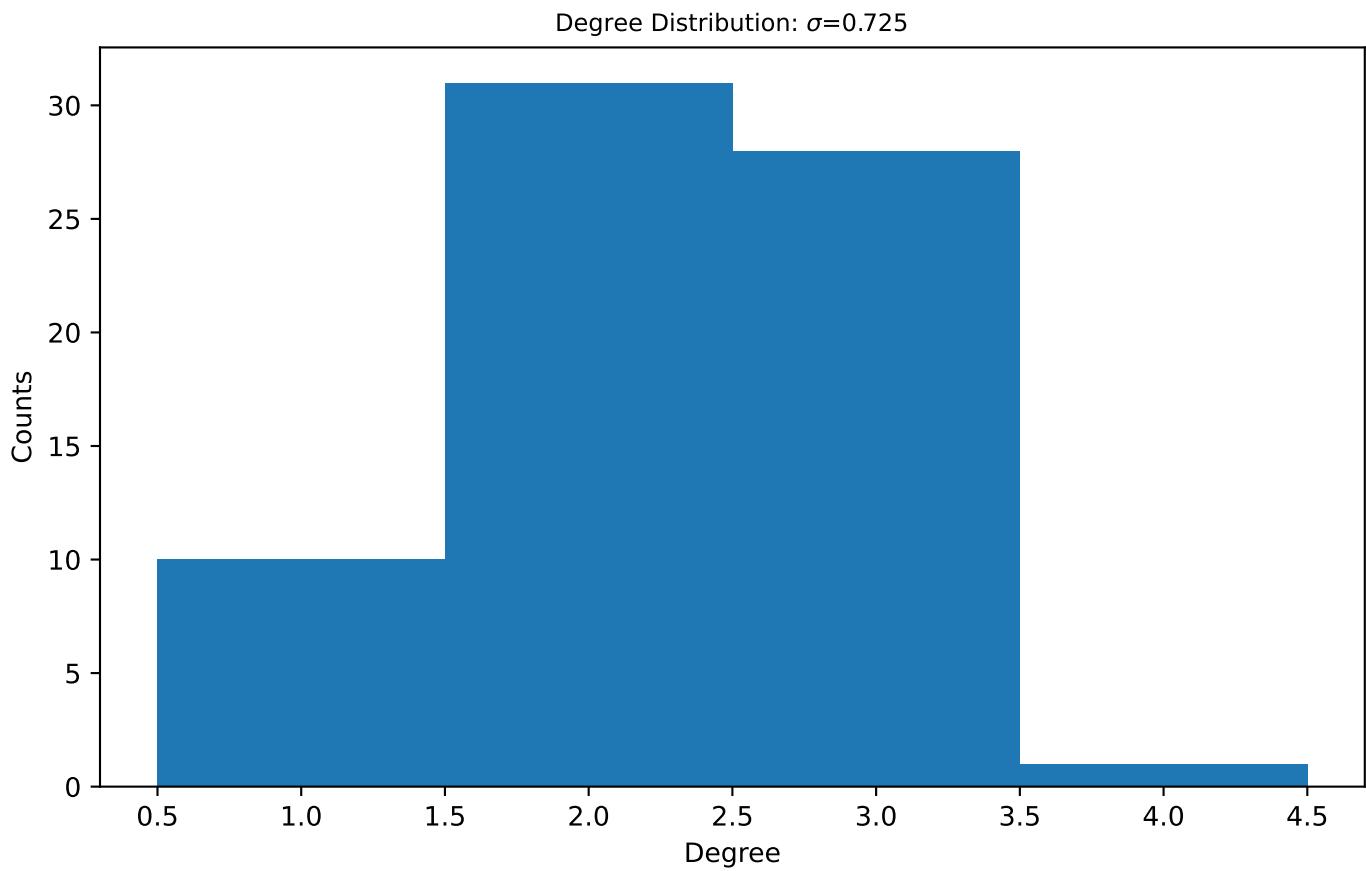


### Unweighted GT parameters

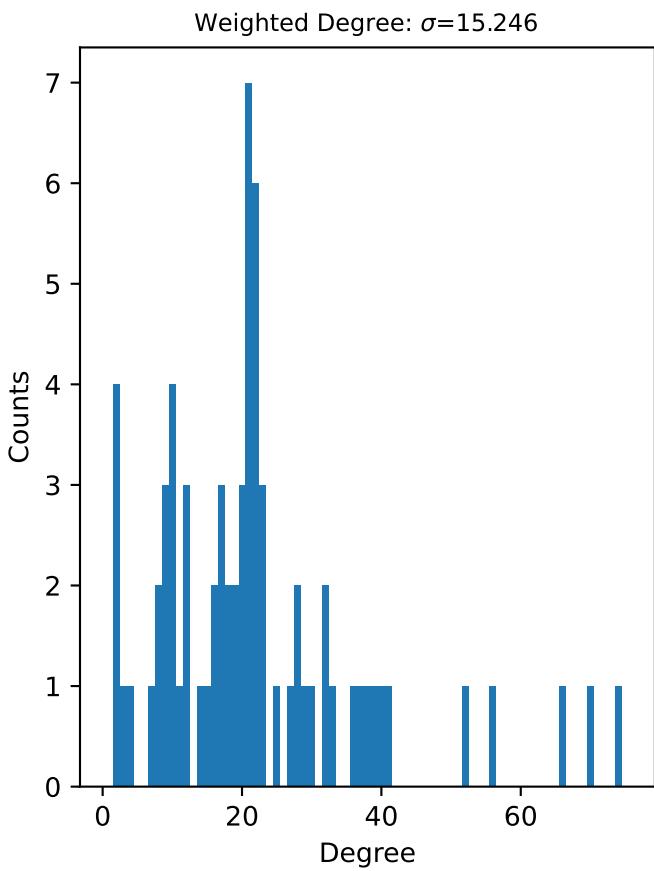
Number of nodes	70.0
Number of edges	80.0
Average edge angle (degrees)	171.587
Median edge angle (degrees)	90.0
Average degree	2.28571
Network diameter	34.0
Graph density	0.03313

### Weighted GT parameters

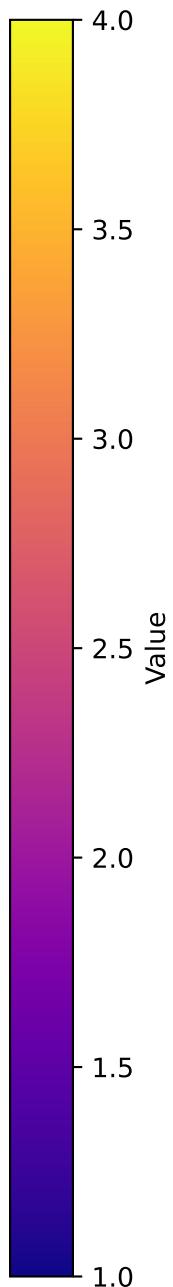
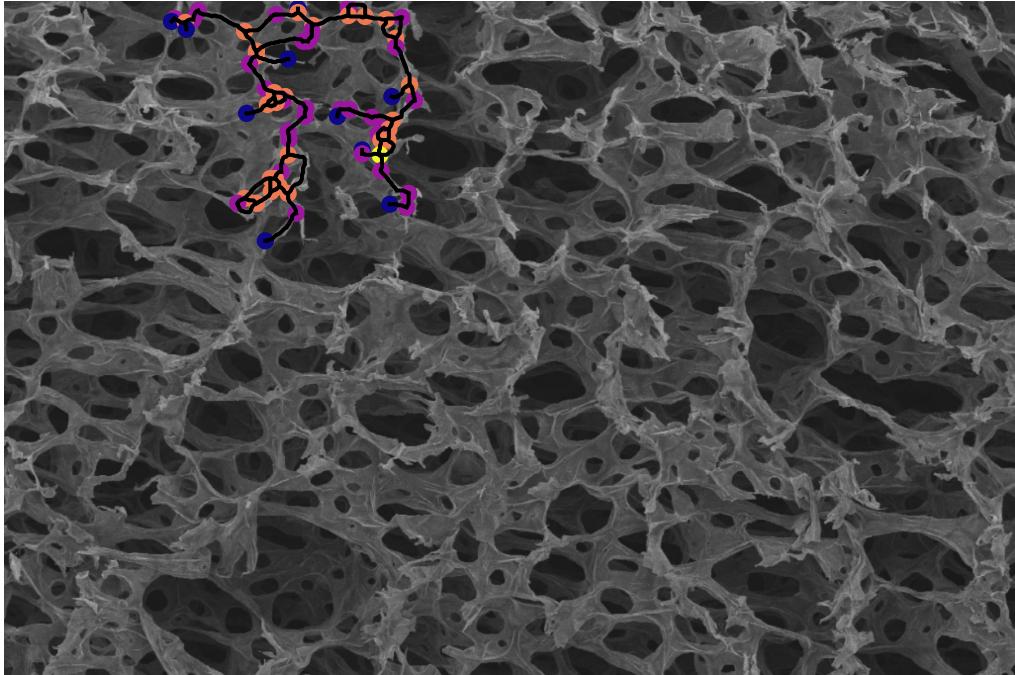
Diameter-weighted average degree	22.28278
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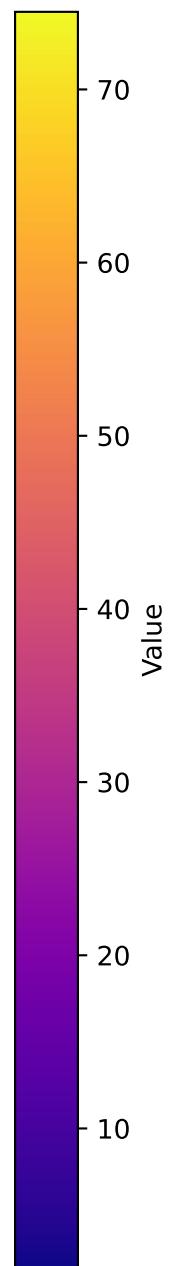
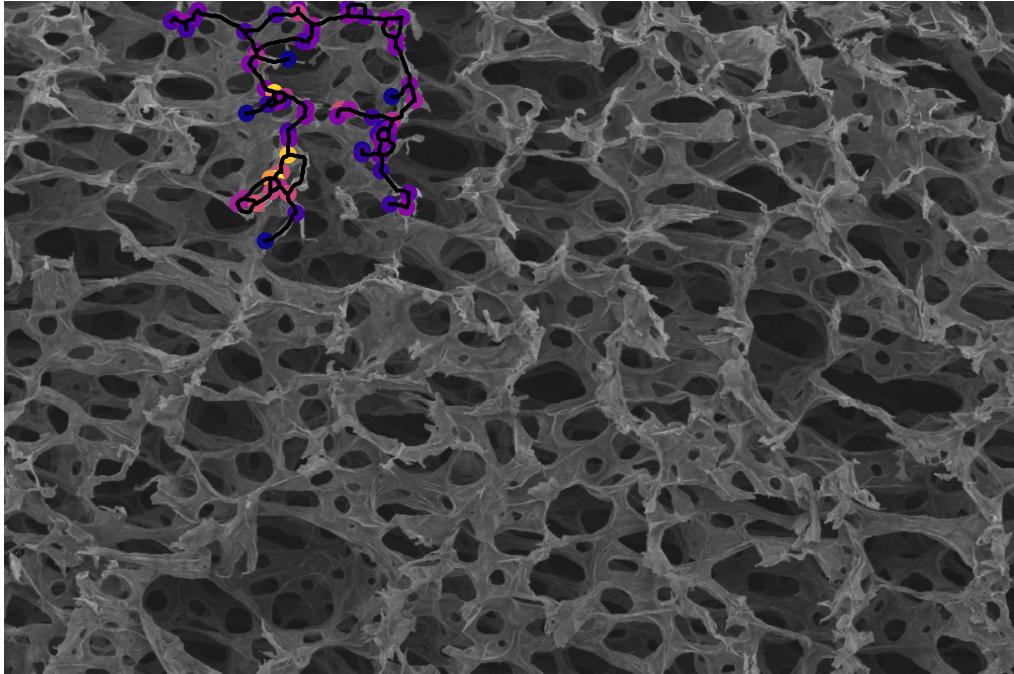




Degree Heatmap



Weighted Degree Heatmap



## Run Info

a (2).jpg  
2025-05-18 19:46:00

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

Global Threshold (72.0) || Gamma = 0.76

Gaussian Blur, 7.0 bit kernel

Laplacian Gradient || Low-pass filter, 1 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 = 0.8159362549800797

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

Weight Type: Diameter || Merge Nodes || Prune Dangling Edges

Remove Objects of Size = 500 || Remove Self Loops