## **Accepted Manuscript**

Retinal Vessel Segmentation based on Fully Convolutional Neural Networks

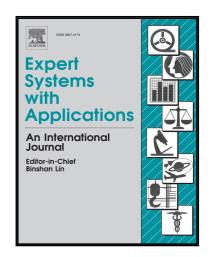
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#### ACCEPTED MANUSCRIPT

## Highlights

- A multi-scale Fully Convolutional Neural Network for retinal vessel segmentation;
- Rotations as the basis of a joint strategy for data augmentation and prediction;
- The Stationary Wavelet Transform as a way to stack new channels into the input.

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