## Accepted Manuscript

Title: A Retinal Vessel Boundary Tracking Method Based on Bayesian Theory and Multi-scale Line Detection

Author: Jia Zhang Huiqi Li Qing Nie Li Cheng

PII: S0895-6111(14)00090-1

DOI: http://dx.doi.org/doi:10.1016/j.compmedimag.2014.05.010

Reference: CMIG 1270

To appear in: Computerized Medical Imaging and Graphics

Received date: 3-4-2014 Revised date: 20-5-2014 Accepted date: 22-5-2014

Please cite this article as: Zhang J, Li H, Nie Q, Cheng L, A Retinal Vessel Boundary Tracking Method Based on Bayesian Theory and Multiscale Line Detection, *Computerized Medical Imaging and Graphics* (2014), http://dx.doi.org/10.1016/j.compmedimag.2014.05.010

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



### ACCEPTED MANUSCRIPT

# A Retinal Vessel Boundary Tracking Method Based on Bayesian Theory and Multi-scale Line Detection

Abbreviated title: Vessel tracking using Bayesian and line detection

Jia Zhang, Huiqi Li\*, Qing Nie, Li Cheng

#### **Author Information:**

Jia Zhang

School of Information and Electronics, Beijing Institute of Technology

No.5 South Zhong Guan Cun Street, Haidian District

Beijing100081, China.

Tel: 86-10-68918239, Email: splendid0417@126.com

Huiqi Li (Corresponding Author)

School of Information and Electronics, Beijing Institute of Technology

No.5 South Zhong Guan Cun Street, Haidian District

Beijing100081, China.

Tel: 86-10-68918239, Email: huiqili@bit.edu.cn

Qing Nie

School of Information and Electronics, Beijing Institute of Technology

No.5 South Zhong Guan Cun Street, Haidian District

Beijing100081, China.

Tel: 86-10-68917845-2, Email: qingnie@bit.edu.cn

Li Cheng

Bioinformatics Institute, Agency for Science, Technology and Research

30 Biopolis Street, #07-01 Matrix

Singapore 138671

Tel: 65-64788358, Email: chengli@bii.a-star.edu.sg

#### Download English Version:

# https://daneshyari.com/en/article/10351150

Download Persian Version:

https://daneshyari.com/article/10351150

<u>Daneshyari.com</u>