Accepted Manuscript

A Survey of Recent Advances in CNN-based Single Image Crowd Counting and Density Estimation

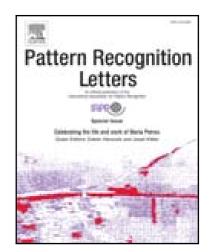
Vishwanath A. Sindagi, Vishal M. Patel

PII: S0167-8655(17)30239-8 DOI: 10.1016/j.patrec.2017.07.007

Reference: PATREC 6872

To appear in: Pattern Recognition Letters

Received date: 14 April 2017 Revised date: 5 July 2017 Accepted date: 16 July 2017



Please cite this article as: Vishwanath A. Sindagi, Vishal M. Patel, A Survey of Recent Advances in CNN-based Single Image Crowd Counting and Density Estimation, *Pattern Recognition Letters* (2017), doi: 10.1016/j.patrec.2017.07.007

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

Highlights

- Survey on CNN-based approaches for crowd counting and density estimation.
- Discussion on recent hand-crafted representations-based methods.
- Recently datasets that pose various challenges are discussed.
- Detailed analysis and comparison of results of CNN-based and traditional methods.
- Discussion on future directions and trends for further progress.

Download English Version:

https://daneshyari.com/en/article/6940379

Download Persian Version:

https://daneshyari.com/article/6940379

<u>Daneshyari.com</u>