Dear Editors,

On behalf of all authors, I am delighted to submit a manuscript entitled ‘A novel small-scale pedestrian detection method base on residual block group of CenterNet’ to your appreciation and to the editorial analysis of the journal of electronic imaging.

In this work, (1). Small-scale pedestrian detection is beneficial to improve the accuracy of operation in practical scenarios. However, the sample characteristics of small-scale pedestrians are too few to be accurately captured. In this work, we design a three residual group based on CenterNet (TRBBC-Net) detection model, the effect is more prominent in Small-scale detection. (2). TRB reduce the use of activation functions in the early stage of down sampling phase and enhance the information flow in the network structure, thus improving the detection results of the network. And a maximum suppression activation function is introduced to improve the performance of the detector by preventing numerical explosion being sensitive to decimal. (3).The main content of this paper belongs to the category of machine vision and model computation，Journal of Electronic Imaging is well known in machine vision, model calculation, image and video preprocessing analysis，this is consistent with the main content of the study in this paper, so the manuscript belongs in JEI. I hope this paper is suitable for journal of electronic imaging.

We deeply appreciate your consideration of our manuscript, and we look forward to receiving comments from the reviewers.

Thank you and best regards.

Yours sincerely,

Corresponding author:

Name: Hui Ma

E-mail: 2011043@hrbeu.edu.cn