ABSTRACT

RETINAL IMAGE CAPTURING

Approaches for automated retinal image capturing are described. In an example, a plurality of target frames recorded by an imaging device are received, wherein the plurality of target frames relate to a retina of a subject. The plurality of target frames are then analyzed based on a trained analysis model. For example, the analysis model is trained based on a set of training images, wherein the analysis model incorporates a set of confidence weights based on visual attributes and annotations of the set of training images. Based on the analysis of the plurality of target frames, an imaging device may be triggered to capture a retinal image of the retina of the subject.

FIG. 1