

WHAT IS CLAIMED IS:

1. A method for processing an image, comprising:

acquiring, by filtering an image frame sequence, a face image frame sequence of which a first face parameter meets a preset condition;

determining a second face parameter of each face image in the face image frame sequence;

determining a quality score of the each face image in the face image frame sequence according to the first face parameter and the second face parameter of the each face image in the face image frame sequence; and

acquiring a target face image for face recognition according to the quality score of the each face image in the face image frame sequence.

2. The method of claim 1, wherein the preset condition comprises that the first face parameter is within a standard parameter range as preset, wherein the method further comprises: before acquiring, by filtering the image frame sequence, the face image frame sequence of which the first face parameter meets the preset condition,

acquiring the first face parameter of each image frame in the image frame sequence; and

determining that the each image frame belongs to the face image frame sequence meeting the preset condition in response to the first face parameter of the each image frame being within the standard parameter range.

3. The method of claim 2, wherein acquiring the first face parameter of the each image frame in the image frame sequence comprises:

acquiring orientation information and location information of an image collecting device configured for collecting the image frame sequence;

determining face orientation information of the each image frame in the image frame

sequence according to the orientation information and the location information of the image collecting device; and

acquiring the first face parameter of the each image frame based on the face orientation information.

4. The method of claim 2, wherein the first face parameter comprises a face image coordinate, wherein determining that the each image frame belongs to the face image frame sequence meeting the preset condition in response to the first face parameter of the each image frame being within the standard parameter range comprises:

determining that the each image frame belongs to the face image frame sequence meeting the preset condition in response to the face image coordinate being within a standard coordinate range.

5. The method of any one of claims 1 to 4, wherein the first face parameter comprises at least one of a face image width, a face image height, a face image coordinate, a face image alignment, or a face image posture angle.

6. The method of any one of claims 1 to 5, wherein determining the quality score of the each face image in the face image frame sequence according to the first face parameter and the second face parameter of the each face image in the face image frame sequence comprises:

performing weighting processing on the first face parameter and the second face parameter of the each face image, and acquiring the quality score of the each face image based on a weighting processing result.

7. The method of any one of claims 1 to 5, wherein determining the quality score of the each face image in the face image frame sequence according to the first face parameter and the second face parameter of the each face image in the face image frame sequence comprises:

determining a parameter score corresponding to each of the first face parameter and the second face parameter respectively according to a correlation between the each of the first face parameter and the second face parameter and a face image recognition rate; and

determining the quality score of the each face image according to the parameter score corresponding to the each of the first face parameter and the second face parameter.

8. The method of any one of claims 1 to 7, wherein acquiring the target face image for face recognition according to the quality score of the each face image in the face image frame sequence comprises:

determining a face image to be stored in a cache queue according to the quality score;
acquiring a sorting result by sorting multiple face images in the cache queue; and
acquiring the target face image for face recognition according to the sorting result.

9. The method of claim 8, wherein determining the face image to be stored in the cache queue according to the quality score comprises:

comparing the quality score of the each face image to a preset score threshold; and
in response to the quality score of the face image being greater than the preset score threshold, determining to store the face image in the cache queue.

10. The method of claim 8, wherein acquiring the target face image for face recognition according to the sorting result comprises:

determining a face image with a highest quality score in the cache queue according to the sorting result; and

determining the face image with the highest quality score in the cache queue as the target face image for face recognition.

11. The method of any one of claims 1 to 10, wherein the second face parameter comprises at least one of a face image sharpness, a face image brightness, or a face image pixel number.

12. A device for processing an image, comprising an acquiring module, a first determining module, a second determining module, and a third determining module,

wherein the acquiring module is configured for acquiring, by filtering an image frame sequence, a face image frame sequence of which a first face parameter meets a preset

condition,

wherein the first determining module is configured for determining a second face parameter of each face image in the face image frame sequence,

wherein the second determining module is configured for determining a quality score of the each face image in the face image frame sequence according to the first face parameter and the second face parameter of the each face image in the face image frame sequence,

wherein the third determining module is configured for acquiring a target face image for face recognition according to the quality score of the each face image in the face image frame sequence.

13. The device of claim 12, wherein the preset condition comprises that the first face parameter is within a standard parameter range as preset, wherein the device further comprises a judging module configured for: before acquiring, by the acquiring module by filtering the image frame sequence, the face image frame sequence of which the first face parameter meets the preset condition,

acquiring the first face parameter of each image frame in the image frame sequence; and

determining that the each image frame belongs to the face image frame sequence meeting the preset condition in response to the first face parameter of the each image frame being within the standard parameter range.

~~14. The device of claim 13, wherein the judging module is configured for:—~~

~~acquiring orientation information and location information of an image collecting device configured for collecting the image frame sequence;—~~

~~determining face orientation information of the each image frame in the image frame sequence according to the orientation information and the location information of the image collecting device; and—~~

~~acquiring the first face parameter of the each image frame based on the face orientation information.—~~

~~15. The device of claim 13, wherein the first face parameter comprises a face image coordinate,—~~

~~wherein the judging module is configured for determining that the each image frame belongs to the face image frame sequence meeting the preset condition in response to the face image coordinate being within a standard coordinate range.—~~

1416. The device of any one of claims 12 to 1315, wherein the first face parameter comprises at least one of a face image width, a face image height, a face image coordinate, a face image alignment, or a face image posture angle.

1517. The device of any one of claims 12 to 1416, wherein the second determining module is configured for performing weighting processing on the first face parameter and the second face parameter of the each face image, and acquiring the quality score of the each face image based on a weighting processing result.

1618. The device of any one of claims 12 to 1416, wherein the second determining module is configured for:

determining a parameter score corresponding to each of the first face parameter and the second face parameter respectively according to a correlation between the each of the first face parameter and the second face parameter and a face image recognition rate; and

determining the quality score of the each face image according to the parameter score corresponding to the each of the first face parameter and the second face parameter.

1719. The device of any one of claims 12 to 1618, wherein the third determining module is configured for:

determining a face image to be stored in a cache queue according to the quality score;

acquiring a sorting result by sorting multiple face images in the cache queue; and

acquiring the target face image for face recognition according to the sorting result.

~~20. The device of claim 19, wherein the third determining module is configured for:—~~

~~comparing the quality score of the each face image to a preset score threshold; and—
in response to the quality score of the face image being greater than the preset score threshold, determining to store the face image in the cache queue.—~~

~~21. The device of claim 19, wherein the third determining module is configured for:—~~

~~determining a face image with a highest quality score in the cache queue according to the sorting result; and—~~

~~determining the face image with the highest quality score in the cache queue as the target face image for face recognition.—~~

1822. The device of any one of claims 12 to 1721, wherein the second face parameter comprises at least one of a face image sharpness, a face image brightness, or a face image pixel number.

1923. Electronic equipment, comprising a processor and memory,

wherein the memory is configured for storing instructions executable by the processor.

wherein the processor is configured for implementing the method of any one of claims 1 to 11 by calling the instructions stored in the memory.

2024. A computer-readable storage medium, having stored thereon computer program instructions which, when executed by a processor, implement the method of any one of claims 1 to 11.