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COVID-19

CLASSIFICATION OF COVID-19 PATIENTS FROM MEDICAL IMAGES USING CONVOLUTIONAL NEURAL NETWORKS

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: COVID-19; CNN;

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This paper shows an approach to solving the problem of classifying X-ray images of the chest of a healthy person and with the presence of COVID-19. The method is a trainable convolutional neural network. The results obtained allow improving existing approaches and methods in the field of classification of medical images with COVID-19, as well as obtaining an auxiliary mechanism for detecting COVID-19 in patients.

Keywords: COVID-19; CNN; Artificial Intelligence; convolutional neural networks; image classification

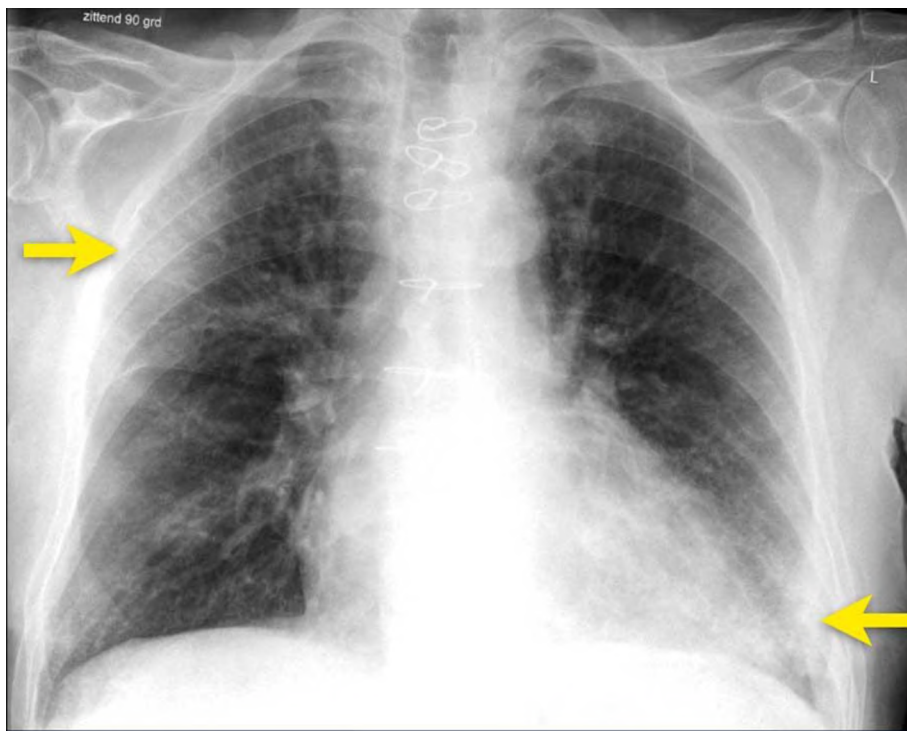
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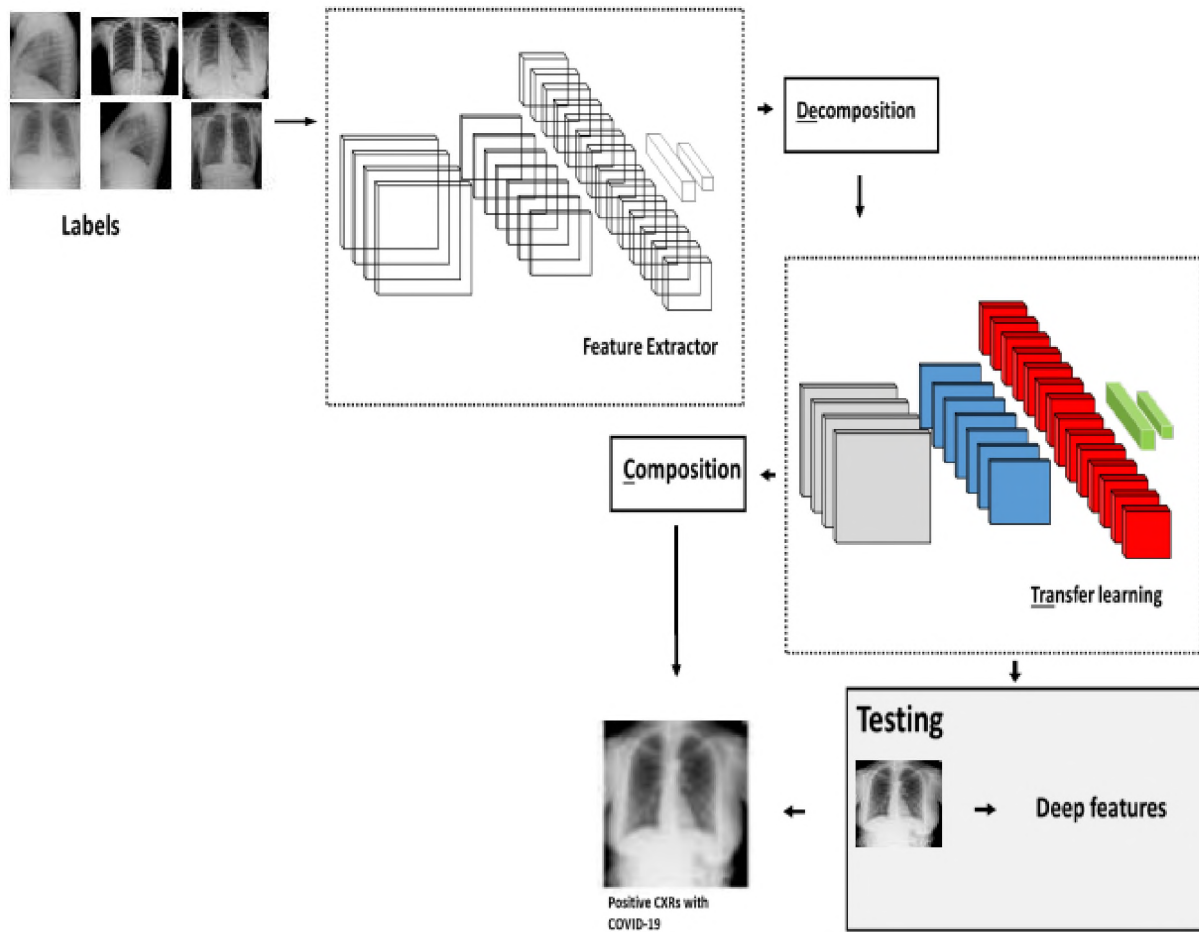
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