

عنوان مقاله:

A Review on Detection of Pneumonia in Chest X-ray Images Using Neural Networks

محل انتشار:

مجله فیزیک و مهندسی پزشکی، دوره 12، شماره 6 (سال: 1401)

تعداد صفحات اصل مقاله: 8

نویسندگان:

B Tech, School of Electrical Engineering, Vellore Institute of Technology, Tamil Nadu, India - - -

B Tech, School of Electrical Engineering, Vellore Institute of Technology, Tamil Nadu, India - - -

PhD, School of Electrical Engineering, Vellore Institute of Technology, Tamil Nadu, India - - -

خلاصه مقاله:

The health organisation has suffered from the lack of diagnosis support systems and physicians in India. Further, the physicians are struggling to treat many patients, and the hospitals also have the lack of a radiologist especially in rural areas; thus, almost all cases are handled by a single physician, leading to many misdiagnoses. Computer aided diagnostic systems are being developed to address this problem. The current study aimed to review the different methods to detect pneumonia using neural networks and compare their approach and results. For the best comparisons, only papers with the same data set Chest X-ray^{۱۴} are studied.

کلمات کلیدی:

Pneumonia, Convolution Neural Networks, Mass Chest X-Ray, Chest X-ray^{۱۴}, Diagnosis, Computer-Assisted, Deep Learning

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1892702>

