

Current Status and Future Prospects of the Linear and Non-Linear Attenuation Coefficients of Cancer Cells, Tissues and Tumors by Synchrotron X-Ray Radiation (SXR) Computed Tomography

Alireza Heidari

¹ Faculty of Chemistry, California South University, 14731 Comet St. Irvine, CA 92604, USA

² BioSpectroscopy Core Research Laboratory (BCRL), California South University, 14731 Comet St. Irvine, CA 92604, USA

³ Cancer Research Institute (CRI), California South University, 14731 Comet St. Irvine, CA 92604, USA

⁴ American International Standards Institute (AISI), Irvine, CA 3800, USA

***Corresponding Author:** Alireza Heidari, Faculty of Chemistry, California South University, 14731 Comet St. Irvine, CA 92604, USA.

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Summery:

So as to deal with the/to speak to the troubles of time-using/ingesting/drinking, low (first-class of being very near the fact or genuine range) and terrible coming collectively effect of conventional photograph automated observe set of laptop commands, an automated note set of laptop commands of scientific (associated with X-rays) pix based totally on convolutional nerve-related/mind-associated community (CNN) is proposed. to begin with, the photograph (incline/easy trade of something between points) information version was built, the edge define characteristic of medical radiation image become initialized, the automatic (department of something into smaller components) model of medical radiation photo turned into mounted by using block (instance that need to be copied) matching technique, and the automatic (department of something into smaller components) processing of clinical radiation image become completed. Secondly, by means of combining and becoming a member of the outline and grey facts of photograph (division of something into smaller parts), the multi-decision feature is (pulled out or taken from something else) with the aid of using the (having height, width, and intensity) dispensed pixel sequence of photo. The fusion characteristic rotting of the image become gotten based totally on CNN, and the automated note of medical radiation photo changed into completed. The effects show that the picture (division of something into smaller parts) impact of the proposed set of computer instructions is right, the number of feature factors is (very near the reality or authentic range), and the (great of being very near the truth or real number) of multi-decision characteristic extraction is as high as 98.7%. the approaching

together of image observe is good, brief time-consumption, and the F1 dimension value of the set of computer commands is excessive, and the general performance is right [1-114].

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