

Title: E-BABE MRI brain tumor medical images analysis using deep learning techniques: a systematic review

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The substantial progress of medical imaging technology in the last decade makes it challenging for medical experts and radiologists to analyze and classify. Medical images contain massive information that can be used for diagnosis, surgical planning, training, and research. There is, therefore, a need for a technique that can automatically analyze and classify the images based on their respective contents. Deep Learning (DL) techniques have been recently used for medical image analy- sis, and this paper focuses on DL in the context of analyzing Magnetic Resonance Imaging (MRI) brain medical images. A comprehensive overview of the state-of-the-art processing of brain medical images using deep neural networks is detailed here. The scope of this research paper is restricted to three digital databases: (1) the Science Direct database, (2) the IEEEX- plore Library of Engineering and Technology Technical Literature, and (3) Scopus database. 427 publications were evaluated and discussed in this research paper.

Biography

Sabaa Al-Galal has completed her Master degree at the age of 27 years from International Islamic University Malaysia and currently she is a PhD candidate in same university.She has published more than 5 papers in reputed journals and conferences.

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Session name/ number:
Category: (Oral presentation)