

## عنوان مقاله:

Investigating novel ML and DL methods for Alzheimer's disease diagnosis

## محل انتشار:

دومین کنفرانس بین المللی مهندسی و علوم کامپیوتر (سال: 1401)

تعداد صفحات اصل مقاله: 6

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## خلاصه مقاله:

Patients with Alzheimer's disease experience serious cognitive impairment as a result of the disease's progressive nature. In order to prevent the progression and serious impairment of cognitive functions related to Alzheimer's disease, early diagnosis is crucial. In light of the subtle changes that occur in biomarkers, diagnosing Alzheimer's disease in its early stages is challenging. Brain imaging, such as MRI scans can reveal these biomarkers mostly. The use of novel approaches enhances disease diagnosis accuracy and efficiency in its earliest stages. As a result, Alzheimer's patients will be less likely to develop serious health problems or even die from the disease. In this study, we examine recent papers and methods for diagnosing Alzheimer's disease were published in ۲۰۲۱ and ۲۰۲۲. Finally, we provide recommendations for further research regarding innovation in Alzheimer's disease diagnosis

## کلمات کلیدی:

.Alzheimer's diagnosis, mild cognitive impairment, AD diagnosis, Dementia, Machine learning

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1615243>

