عنوان مقاله:

Examination of Four Antiviral Drugs by Studying Their Polynomials and Topological Indices

محل انتشار:

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خلاصه مقاله:

To fight against viral diseases, in addition to prevent the spread of the disease, it is necessary to discover suitable antiviral agents to save as many lives as possible. Therefore, it seems important to develop new and effective vaccines. An efficient way to find effective drugs or vaccines is to answer whether they effectively treat the viral disease of interest. In this article, M-polynomial, NM-polynomial, and some topological indices are investigated for Lopinavir, Azithromycin, Favipiravir, and Oseltamivir, which are considered as the efficient COVID-۱۹ antiviral drugs, and they can be used as a guide to discover more efficient drugs to battle against COVID -۱۹. Also, in addition to calculate the topological indices, M-polynomial and NM-polynomial were plotted and compared as well as they were used to calculate the topological indices.

کلمات کلیدی:

Topological index M, polynomial NM, polynomial COVID, ۱۹ Lopinavir Azithromycin Favipiravir Oseltamivir

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