


# Development and Characterization of Orange Peel Extract Based Nanoparticles

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## ABSTRACT:

The main objective of the present work was to prepare orange peel extract based nano particles by chemical complexation method. Ethanolic extracts of orange peel were prepared by using Soxhlet apparatus and evaluated for phyto-chemical constituents. Qualitative analysis showed that orange peel extract showed positive results for alkaloids, tannin and saponins. The percentage moisture content and pH of the extract was found to be 96.1% and 3.8 respectively. A zeta potential and particle

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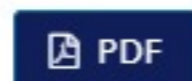
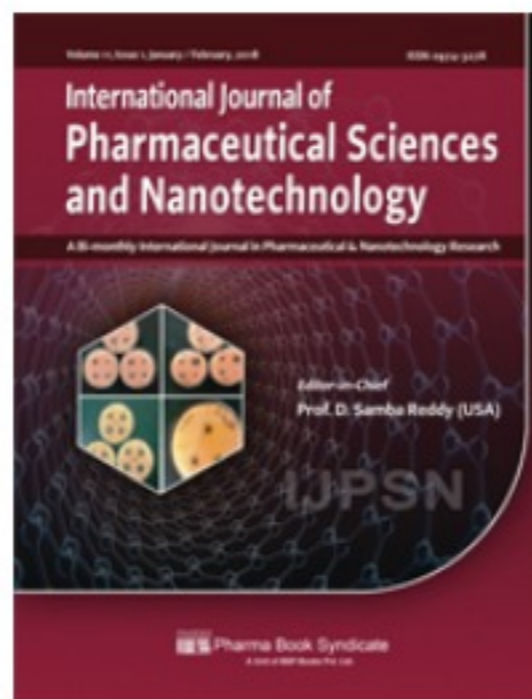
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## ABSTRACT

The main objective of the present work was to prepare pomegranate peel extract based nano particles by chemical complexation method. Ethanolic extracts of pomegranate peel were prepared by using Soxhlet apparatus and evaluated for phyto-chemical constituents. Qualitative analysis showed that pomegranate peel extract showed positive results for alkaloids, anthraquinones, saponins and terpenoids. The percentage moisture content and pH of the extract












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