

Research Article

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Visible light and UV-assisted photodegradation of phenylephrine by bulk NiO and NiO immobilized on magnetic polypyrrole support

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Author(s): Hossein Faghihian and Firoozeh Torki

The nanophotocatalysts; NiO and NiO immobilized on the surface of magnetized polypyrrole (NiO-PPY-Fe₃O₄) were synthesized and used for photodegradation of phenylephrine. The synthesized photocatalysts were characterized by FTIR, TG, XRD, BET, VSM, TEM and SEM techniques. ...

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Plants and therapeutics: Interaction

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Medicinal herbs are getting popularity due to their good compliance on the basis of their ethnic utilization and lesser side effects. Plasma lipids in body include, cholesterol, triglycerides, very low density lipoprotein-cholesterol, low density lipoprotein-cholesterol, and high density lipoprotein-cholesterol. ...

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Preparation of itraconazole nanoparticles and its topical nanogel: Physicochemical properties and stability studies

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The need of present study hypothesized due to drug has low bioavailability (55%) because of low aqueous solubility and first pass effect. Nanoparticles were prepared by solvent diffusion method by using different stabilizers such as Tween80, Pluronic F127, Sodium lauryl sulfate, span 80 and Polyvinyl alcohol. ...

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Review Article

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In vitro conservation of mangrove for pharmaceutical interest

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Author(s): Chinnappan Ravinder Singh*

Mangroves are halophytic species with unique morphological features, habituated in the intermediate zones of coastal area. They had better ecological community and serve as natural barriers. Since ancient times, mangrove forests are considered as the source of drugs, where traditional medicine and several healing practices were derived from the mangrove species. ...

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