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

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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. ...

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. ...

Preparation of itraconazole nanoparticles and its topical nanogel: Physicochemical properties and stability studies
The need of present study hypothesized due to drug has low bioavailability (55%) because of low aque 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. ...