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In this issue

Research Article

Open Access Research Article PTZAID:IJNNN-4-127

Nanoparticulate system for cancer therapy: An updated review

Published On: November 03, 2018 | Pages: 022 - 034

Author(s): Dharmendra Kumar* and Pramod Kumar Sharma

Nowadays, pharmaceutical nanotechnology has been developed as the most emerging branch in the fi eld of pharmacy. “Nanotechnology refers to the nanosize formulation. These nanoformulations may be used in treatment of various life-threading diseases like cancer. ...

Abstract View Full Article View DOI: 10.17352/2455-3492.000027

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A Microwave- irradiated Novel Superabsorbent Polymer Hydrogel (Guar gum-g-PAA): Synthesis, characterization and property studies

Published On: October 17, 2018 | Pages: 009 - 013

Author(s): Pramilarani Behera, Tikina Rani Sethy and Prafulla K Sahoo*

The main aim of the present study was to synthesize Guar gum grafted poly acrylic acid (Gg-g-PAA) superabsorbent polymer (SAP) hydrogel via free radical emulsifier-free emulsion graft polymerization technique using microwave irradiation. The so prepared superabsorbent polymer hydrogel was characterized by Fourier Transform Infrared Spectroscopy (FTIR), Thermogravimetr ...

Abstract View Full Article View DOI: 10.17352/2455-3492.000025

Mini Review

Open Access Mini Review PTZAID:IJNNN-4-126

Preparation of nanocellulose and its potential application

Published On: October 17, 2018 | Pages: 014 - 021

Author(s): Latifah Jasmania* and Wim Thielemans

Nanostructured cellulose has received tremendous attention due to its inherent unique properties such as high strength, high surface area, flexible surface chemistry, abundant and renewable. The early polymers industry was nearly completely bio-based and cellulose was one of the most important materials. It has only been the Second World War that changed things and pr ...

Abstract View | Full Article View | DOI: 10.17352/2455-3492.000026