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In this issue

Research Article

Open Access Research Article PTZAID:IJNNN-3-121

Acid Hydrolysis-Mediated preparation of Nanocrystalline Cellulose from Rice Straw

Published On: June 19, 2017 | Pages: 051 - 056

Author(s): Aminu Musa*, Mansor B Ahmad, Mohd Zobir Hussein and Saiman Mohd Izham

Rice straw is available in abundance as an agricultural waste and has been used in various applications. ...

Abstract View Full Article View DOI: 10.17352/2455-3492.000021

Open Access Research Article PTZAID:IJNNN-3-120

Synthesis, Characterization and Imaging of Fluorescine Isothiocyanate Conjugated Magnetite Nanoparticles in MCF 7 Breast Cancer Cell Lines

Published On: June 10, 2017 | Pages: 044 - 050

Author(s): Mohammad E Khosroshahi* and Maral Asemani

In this work we describe fabrication, characterization and possible application of FITC (fl uorescine isothiocyanate) conjugated magnetite nanoparticles (MNPs) for biomedical applications such as imaging of cancer cells. ...

Abstract View Full Article View DOI: 10.17352/2455-3492.000020

Review Article

Open Access Review Article PTZAID:IJNNN-3-122

Review on Pickering emulsions stabilized by adsorbed nanoparticles: Structure, Thermodynamics, Cage Effect and Subdiffusion

Published On: August 31, 2017 | Pages: 057 - 076

Author(s): M Benhamou* and S El-Moudny

In this review paper, we report on some very recent fi ndings dealt with the oil-in-water Pickering emulsions, stabilized by a strong adsorption of charged solid nanoparticles on the surface of the oildroplets. Here, we are concerned with three important questions: (1) Structure and thermodynamics of these emulsions, ...

Abstract View | Full Article View | DOI: 10.17352/2455-3492.000022