Synthesis and characterization of silver nanoparticles by "Rhizopus stolonifer" and its activity against multidrug resistant "Escherichia coli" and "Staphylococcus aureus"



Filesize: 4.29 MB

Reviews

These kinds of publication is the ideal pdf offered. It generally is not going to expense too much. I am just delighted to let you know that this is actually the very best book i have go through inside my very own life and might be he finest ebook for ever. (Mabelle Schoen)

DISCLAIMER | DMCA

SYNTHESIS AND CHARACTERIZATION OF SILVER NANOPARTICLES BY "RHIZOPUS STOLONIFER" AND ITS ACTIVITY AGAINST MULTIDRUG RESISTANT "ESCHERICHIA COLI" AND "STAPHYLOCOCCUS AUREUS"



GRIN Verlag Jun 2012, 2012. Taschenbuch. Book Condition: Neu. 210x148x2 mm. This item is printed on demand - Print on Demand Neuware -Research paper from the year 2011 in the subject Chemistry - Other, Gulbarga University (Microbiology Dept), course: Ph.D, language: English, abstract: This study reports the extracellular synthesis of silver nanoparticles by Rhizopus stolonifer and its efficacy against multidrug resistant (MDR) E.coli and S.aureus isolated from Khwaja Bande Nawas Hospital, Gulbarga, Karnataka. Synthesis of silver nanoparticles (AgNPs) was carried out by using fungal filtrate of R.stolonifer and an aqueous solution of AgNO3. The characterization of AgNPs was made by UV-Visible absorption Spectroscope, Scanning Electron Microscope and Energy Dispersed Spectroscope (SEM-EDS), Transmission Electron Microscope (TEM), Fourier Transform Infrared (FTIR) spectroscopy and Atomic Force Microscope (AFM). TEM micrograph revealed the formation of spherical nanoparticles with size ranging between 3 to 20 nm. Atomic force microscopy gives the three dimensional structure of the particles. The presence of proteins was detected by FTIR spectroscopy. Three dimensional structure of AgNPs was studied by AFM. AgNPs produced by R.stolonifer gave good antibacterial activity against clinical isolates which were multidrug resistant. Here we report the efficacy of mycogenic metal nanosilver against MDR strains which is difficult through conventional chemotherapy. 24 pp. Englisch.

- Read Synthesis and characterization of silver nanoparticles by "Rhizopus stolonifer" and its activity against multidrug resistant "Escherichia coli" and "Staphylococcus aureus" Online
- Download PDF Synthesis and characterization of silver nanoparticles by "Rhizopus stolonifer" and its activity against multidrug resistant "Escherichia coli" and "Staphylococcus aureus"

Other PDFs

| Å |
|---|

Psychologisches Testverfahren

Reference Series Books LLC Nov 2011, 2011. Taschenbuch. Book Condition: Neu. 249x191x7 mm. This item is printed on demand - Print on Demand Neuware - Quelle: Wikipedia. Seiten: 100. Kapitel: Myers-Briggs-Typindikator, Keirsey Temperament Sorter, DISG,... Download PDF

| Å | |
|---|--|

Programming in D

Ali Cehreli Dez 2015, 2015. Buch. Book Condition: Neu. 264x182x53 mm. This item is printed on demand - Print on Demand Neuware -The main aim of this book is to teach D to readers...

Download PDF

| لمر | |
|-----|--|
| • | |

Magnificat in D Major, Bwv 243 Study Score Latin Edition

Petrucci Library Press. Paperback. Book Condition: New. Paperback. 70 pages. Dimensions: 9.8in. x 7.2in. x 0.3in.Bach composed the first version of this piece in 1723 using the key of E-flat major for the Christmas Vespers... Download PDF

| Å |
|---|
| |

Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]

Createspace, United States, 2013. Paperback. Book Condition: New. 254 x 178 mm. Language: English . Brand New Book ***** Print on Demand *****. ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to...

Download PDF

| کم |
|----|

Children s Educational Book Junior Leonardo Da Vinci : An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English]

Createspace, United States, 2013. Paperback. Book Condition: New. 248 x 170 mm. Language: English . Brand New Book ***** Print on Demand *****. ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to... Download PDF

»