



## Protozoan Fauna of Industrial Wastes and their Role in Bioremediation

By Abdul Rauf Shakoori

VDM Verlag Aug 2011, 2011. Taschenbuch. Book Condition: Neu. 220x150x9 mm. This item is printed on demand - Print on Demand Neuware - Multiple metal resistant ciliates viz., Stylonychia mytilus, Euplotes mutabilis, Paramecium caudatum, Oxytricha fallax and Vorticella microstoma, isolated from industrial wastewater from Kasur tanneries were found to be resistant to various heavy metals viz., chromium, cadmium, copper, lead, mercury, zinc and nickel. These protozoans showed remarkable ability to survive under stress full conditions in the industrial waste water. These microorganisms cope with this heavy concentration of heavy metal ions by uptaking 85-95 % of metal ions from the culture medium. Some of these protozoans survive despite toxic metal by effluxing them out. In this study PAGE analysis of total proteins of the protozoan isolates showed that a number of new proteins were induced against Pb<sup>2+</sup>, Cr<sup>6+</sup>, and Cd<sup>2+</sup>. Certain proteins, however, disappeared as a result of the metal stress. These protozoans because of their special metal uptaking ability can be considered as best candidates for the removal of the various heavy metals from industrial wastewater. 156 pp. Englisch.

**DOWNLOAD**



**READ ONLINE**

[ 8.45 MB ]

### Reviews

*A top quality publication as well as the font utilized was fascinating to read. It is among the most incredible pdf i actually have read through. I am easily could get a pleasure of looking at a created publication.*

-- **Scot Howe**

*The ideal book i actually read. It is one of the most awesome pdf i have study. I am just happy to tell you that this is basically the best book i have study in my own life and might be the finest ebook for actually.*

-- **Nettie Leuschke**

## Relevant Kindle Books



### 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, Eignungstest für das Medizinstudium, Adult Attachment Interview,...



### 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 who are new to computer programming. Although...



### Yearbook Volume 15

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 58 pages. Dimensions: 9.7in. x 7.4in. x 0.1in. This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the original book (without...



### Kindle Fire Tips And Tricks How To Unlock The True Power Inside Your Kindle Fire

CreateSpace Independent Publishing Platform. Paperback. Book Condition: New. This item is printed on demand. Paperback. 52 pages. Dimensions: 9.0in. x 6.0in. x 0.1in. Still finding it getting your way around your Kindle Fire Wish you had the answers to all your frequently asked...



### Carmilla

CreateSpace Independent Publishing Platform. Paperback. Book Condition: New. This item is printed on demand. Paperback. 140 pages. Dimensions: 9.0in. x 6.0in. x 0.3in. Carmilla is a Gothic novella by Joseph Sheridan Le Fanu. First published in 1872, it tells the story of a...



### Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glassee for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1624-1625) (Paperback)

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now you can. Digitally preserved and previously accessible...