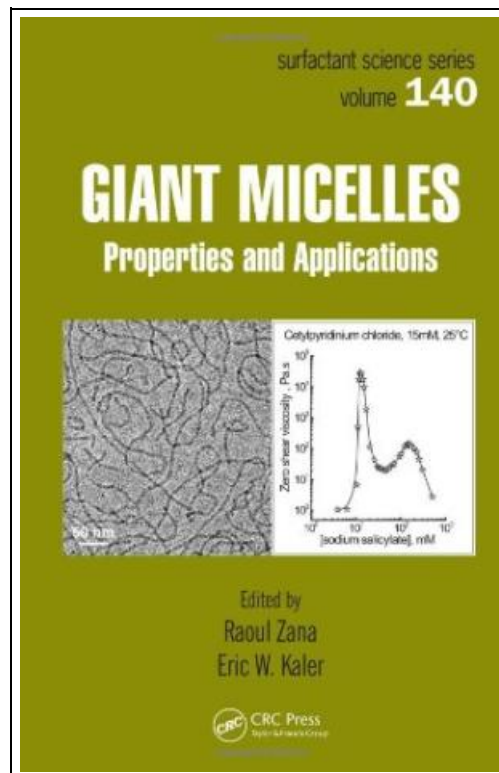


Giant Micelles: Properties and Applications (Hardback)



Filesize: 4.84 MB

Reviews

I actually started off looking over this publication. I have read through and so i am certain that i am going to likely to study again yet again later on. I am easily will get a delight of reading a written pdf.

(Ross Hermann)

GIANT MICELLES: PROPERTIES AND APPLICATIONS (HARDBACK)

[DOWNLOAD PDF](#)

Taylor Francis Inc, United States, 2007. Hardback. Condition: New. Language: English . This book usually ship within 10-15 business days and we will endeavor to dispatch orders quicker than this where possible. Brand New Book. The co-evolution of a strong theoretical framework alongside application of a range of sophisticated experimental tools engendered rapid advancement in the study of giant micelles. Beginning with Anacker and Debye s 1951 experimental study of elongated micelles by light scattering and their subsequent theoretical inference that the thermodynamics of these structures would have to reflect an opposing force model, theory and experiment have progressed hand in hand. This progress, along with growing interest in the practical and industrial applications of these structures in cleansers, cosmetics, pharmaceuticals, and energy production, demands a comprehensive, single-source reference to the current state-of-the-science. Drawing on the expertise of internationally known scientists, *Giant Micelles: Properties and Applications* summarizes the range of behaviors encountered in solutions of micelles and their applications in industrial processes. The book introduces theoretical aspects of the rheological behavior and formation of giant micelles from different viewpoints including molecular-level thermodynamic theory and computer simulations. It continues by focusing on the results of a variety of experimental studies using methods such as cryo-transmission electron microscopy, scattering techniques, phase diagrams, linear and non-linear rheology, and chemical relaxation. Illustrating the properties of giant micelles on solid surfaces, the book also considers systems of smart micelles that respond to external stimuli by a change of shape. The authors describe giant micelles formed from amphiphilic block copolymers as well as non-covalent polymers that exhibit similar rheological behavior to giant micelles. Finally, the chapters address current and emerging applications of giant micelles in oil and gas production, drag reduction, drug-delivery formulations, and personal care products such as shampoo. By gathering a range of information...

[Read Giant Micelles: Properties and Applications \(Hardback\) Online](#)[Download PDF Giant Micelles: Properties and Applications \(Hardback\)](#)

You May Also Like



Games with Books : 28 of the Best Childrens Books and How to Use Them to Help Your Child Learn - From Preschool to Third Grade

Book Condition: Brand New. Book Condition: Brand New.

[Save Document »](#)



Games with Books : Twenty-Eight of the Best Childrens Books and How to Use Them to Help Your Child Learn - from Preschool to Third Grade

Book Condition: Brand New. Book Condition: Brand New.

[Save Document »](#)



Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can usually...

[Save Document »](#)



The Frog Tells Her Side of the Story: Hey God, I m Having an Awful Vacation in Egypt Thanks to Moses! (Hardback)

Broadman Holman Publishers, United States, 2013. Hardback. Book Condition: New. Cory Jones (illustrator). 231 x 178 mm. Language: English . Brand New Book. Oh sure, we ll all heard the story of Moses and the...

[Save Document »](#)



The Religious Drama: An Art of the Church (Beginning to 17th Century) (Christian Classics Revived: 5)

Christian World Imprints/B.R. Publishing Corporation, New Delhi, India, 2014. Hardcover. Book Condition: New. Dust Jacket Condition: New. Reprinted. This classical on ageless Christian Drama aims to present periods when actually dramatic performances or `Religious Drama'...

[Save Document »](#)