

1. Record Nr.	UNINA9910830813603321
Autore	Myers Drew <1946->
Titolo	Surfaces, interfaces, and colloids : principles and applications // Drew Myers [[electronic resource]]
Pubbl/distr/stampa	New York, : Wiley-VCH, c1999
ISBN	1-280-55648-X 9786610556489 0-471-23499-0
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (xx, 501 p.) : ill. ;
Disciplina	541.3/3
Soggetti	Surface chemistry Interfaces (Physical sciences) Colloids Physical & Theoretical Chemistry Chemistry Physical Sciences & Mathematics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references (p. 489-493) and index.
Sommario/riassunto	From the reviews of the First Edition: "The book has admirably met its stated goal. The whole gamut of surface and colloid science has been presented in a comprehensive manner without any undue oversimplification. The author should be congratulated for his clarity." -Advanced Materials Now in its second edition, this work remains the single most useful introduction available to the complex area of surface and colloids science. Industry expert Drew Myers walks readers through concepts, theories, and applications-keeping the mathematics to a minimum and presenting real-world case studies to illustrate key technological and biological processes. He substantially reorganizes and updates the material to reflect the current state of knowledge in the field, offering new chapters on absorption and biological systems in addition to the important areas of colloid stability, emulsions and foams, monolayer films, surfactants, and wetting. This revision also

boasts an improved index, more than 200 new line drawings, general and specific chapter bibliographies, and end-of-chapter problems.; Geared to scientists, technologists, and students dealing with colloidal and surface systems and their numerous industrial applications, the book imparts an understanding of the fundamental aspects of surfaces, interfaces, and colloids, which is essential for effective solutions in diverse areas of chemistry, physics, biology, medicine, engineering, and material sciences.
