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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cryomicroscopy -- Atomic force microscopy : applications in biology -- Differential scanning calorimetry in the study of lipid structures -- Membrane potentials and membrane probes -- Identification and quantification of lipids using mass spectrometry -- Liquid-state NMR -- Solid-state NMR in biomembranes -- Molecular dynamics -- Two- dimensional infrared studies of biomolecules -- Biological applications of single- and two-photon fluorescence -- Optical tweezers -- PET imaging in chemical biology -- Chemical genetics.
Sommario/riassunto	This book provides an up-to-date guide to chemical biology. It is a modular textbook that brings together the tools and techniques used by physical scientists and makes them available to biological and biomedical scientists. Tools and techniques are explained at a suitable level and the book addresses topical chemical biology questions within each chapter.