

1. Record Nr.	UNINA9911006631603321
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Titolo	The world of nano-biomechanics : mechanical imaging and measurement by atomic force microscopy / / Atsushi Ikai ; with contributions of R. Afrin, [et. al.]
Pubbl/distr/stampa	Amsterdam ; ; Oxford, : Elsevier, 2008
ISBN	1-281-09627-X 9786611096274 0-08-055604-3
Descrizione fisica	1 online resource (301 p.)
Disciplina	502.82 571.43
Soggetti	Biomechanics Nanostructures Atomic force microscopy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front Cover; The World of Nano-Biomechanics; Copyright Page; Table of Contents; Contributors; Preface; Chapter 1. Force in Biology; 1.1 What are We Made of?; 1.2 Human Body and Force; 1.3 Biomechanics as the Big Brother; 1.4 Molecular Basis for Structural Design; 1.5 Soft versus Hard Materials; 1.6 Biological and Biomimetic Structural Materials; 1.7 Wear and Tear of Biological Structures; 1.8 Thermodynamics and Mechanics in Nanometer Scale Biology; Bibliography; Chapter 2. Introduction to Basic Mechanics; 2.1 Elastic and Plastic Deformation of Materials; 2.2 Stress and Strain Relationship 2.3 Mechanical Breakdown of Materials2.4 Viscoelasticity; 2.5 Mechanical Moduli of Biological Materials; 2.6 Fluid and Viscosity; 2.7 Adhesion and Friction; 2.8 Mechanically Controlled Systems; Bibliography; Chapter 3. Force and Force Measurement Apparatuses; 3.1 Mechanical, Thermal, and Chemical Forces; 3.2 Laser Trap; 3.3 Atomic Force Microscope; 3.4 Biomembrane Force Probe; 3.5 Magnetic Beads; 3.6 Gel Columns; 3.7 Cantilever Force Sensors; 3.8 Loading-rate Dependence; 3.9 Force Clamp Method; 3.10 Specific versus Nonspecific

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## Sommario/riassunto

By using nanotechnological methods, we can now poke around protein molecules, genes, membranes, cells and more. Observation of such entities through optical and electron microscopes tempt us to touch and manipulate them. It is now possible to do so, and scientists around the world have started pulling, pushing and cutting small structures at the base of life processes to understand the effect of our hand work. The book describes the physical properties of such life supporting structures from the molecular level with a special emphasis on their designs based on the mechanical strength an

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