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Titolo	Plenty of room for biology at the bottom [[electronic resource]] : an introduction to bionanotechnology // Ehud Gazit
Pubbl/distr/stampa	London, : Imperial College Press Hackensack, NJ, : Distributed by World Scientific Pub. in the USA, c2007
ISBN	1-281-12056-1 9786611120566 1-86094-819-7
Descrizione fisica	1 online resource (198 p.)
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Disciplina	610.28
Soggetti	Biotechnology Biomolecules Nanotechnology
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 (p. 171-179) and index.
Nota di contenuto	Contents; Preface; 1. Introduction: Nanobiotechnology and Bionanotechnology; 2. A Brief Introduction to Nanotechnology; 3. Natural Biological Assembly at the Nano-Scale; 4. Nanometric Biological Assemblies: Molecular and Chemical Basis for Interaction; 5. Molecular Recognition and the Formation of Biological Structures; 6. Self-Assembly of Biological and Bio-Inspired Nano-Materials; 7. Application of Biological Assemblies in Nanotechnology; 8. Medical and Other Applications of Bionanotechnology; 9. Future Prospects for Nanobiotechnology and Bionanotechnology 10. Concluding Remarks: The Prospects and Dangers of the Nanobiological Revolution Appendix A There's Plenty of Room at the Bottom: An Invitation to Enter a New Field of Physics - by Richard P. Feynman; Appendix B List of Bionanotechnological and Nanobiotechnological Companies; Appendix C Glossary; Bibliography; Index
Sommario/riassunto	Written by a leading nanobiologist actively involved at the forefront of the field both as a researcher and an educator, this book takes the reader from the fundamentals of nanobiology to the most advanced

applications. The book is written in such a way as to be accessible to biologists and chemists with no background in nanotechnology. It is reader-friendly and will appeal to a wide audience not only in academia but also in the industry and anyone interested in learning more about nanobiotechnology. The book includes a glossary and a selected list of companies actively involved in nanobiotech

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Titolo Conservation in practice

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Disciplina 333

Soggetti Ecosystem management
Conservation biology
Ecosystemes - Gestion
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