

1. Record Nr.	UNINA9910457514903321
Titolo	Molecular manipulation with atomic force microscopy // edited by Anne-Sophie Duwez, Nicolas Willet
Pubbl/distr/stampa	Boca Raton : , : CRC Press, , 2012
ISBN	0-429-09225-3 1-283-34995-7 9786613349958 1-4398-0967-4
Descrizione fisica	1 online resource (285 p.)
Altri autori (Persone)	DuwezAnne-Sophie WilletNicolas
Disciplina	620/.5
Soggetti	Nanotechnology - Research Atomic force microscopy - Industrial applications Molecular dynamics Electronic books.
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; Contents; Preface; Editors; Contributors; Chapter 1: Molecular Recognition Force Spectroscopy; Chapter 2: Mechanics of Proteins and Tailored Mechanics of Engineered Proteins; Chapter 3: Mechanics of Polysaccharides; Chapter 4: Mechanics and Interactions in DNA and RNA; Chapter 5: Mechanics of Synthetic Polymers; Chapter 6: Interplays between Chemistry and Mechanics in Single Molecules; Chapter 7: Molecular Construction: Pushing, Moving, Stretching, and Connecting Individual Molecules; Chapter 8: Extracting Molecules from Surfaces Chapter 9: Single-Molecule Delivery by MechanochemistryChapter 10: Single-Molecule Cut and Paste; Back Cover
Sommario/riassunto	The manipulation of molecules is an active area of research with applications in chemistry, biology, physics, engineering, and polymer science. This book provides a comprehensive review of single molecule manipulation with atomic force microscopy (AFM). The text demonstrates that AFMs are capable of meeting the three main

challenges in molecular manufacturing: manipulating and positioning each atom or molecule in the right place, making the atom or molecule form certain bonds, and achieving high-throughput fabrication. New and experienced researchers will find a wealth of information in this informative volume which demonstrates the potential of AFMs beyond imaging--

2. Record Nr.	UNINA9910960080903321
Titolo	British library and information schools : the research of the department of information studies, University of Wales Aberystwyth // guest editors: Lucy A. Tedd and David Ellis
Pubbl/distr/stampa	Bradford, England, : Emerald Group Publishing, c2006
ISBN	1-280-73786-7 9786610737864 1-84663-243-9
Edizione	[1st ed.]
Descrizione fisica	1 online resource (120 p.)
Collana	Aslib Proceedings ; ; 58, no. 6
Altri autori (Persone)	TeddLucy A EllisDavid <1954->
Disciplina	025.1
Soggetti	Library schools - Wales Library education - Wales
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Cover; CONTENTS; EDITORIAL ADVISORY BOARD; Research in the Department of Information Studies, University of Wales Aberystwyth: an overview; Women's perceptions of technological change in the information society; Information literacy for the information profession: experiences from Aberystwyth; Social capital, government policy and public value: implications for archive service delivery; Preserving the cultural heritage An investigation into the feasibility of the OAI model for application in small organisations; Customers, relationships and libraries: University of Malta – a case study Users' experiences of the People's Network workstations in Conwy

Public Libraries The role of the university library in supporting information literacy in UK secondary schools; Use of library and information science journals by Master's students in their dissertations; Awards for Excellence;

Sommario/riassunto

This is the second in a series devoted to the research output of British library and information schools. This e-book focuses on the Department of Information Studies at the University of Wales Aberystwyth which recently celebrated its 40th anniversary.
