1. Record Nr. UNINA990001127730403321

Autore	Adamson, Iain T.
Titolo	Introduction to field theory / Iain T. Adamson
Pubbl/distr/stampa	Cambridge [etc.] : Cambridge University Press, 1982
Edizione	[2nd ed.]
Locazione	MA1
Collocazione	10-I-44 114-E-18 114-E-19 114-E-20
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910777019603321

Titolo	The new frontiers of organic and composite nanotechnology [[electronic resource] /] / Victor Erokhin, Manoj Ram, Ozlem Yavuz, editors
Pubbl/distr/stampa	London, : Elsevier Science, 2008
ISBN	1-281-07050-5 9786611070502 0-08-055407-5
Descrizione fisica	1 online resource (505 p.)
Altri autori (Persone)	ErokhinVictor RamManoj Kumar YavuzOzlem
Disciplina	620.5
Soggetti	Nanotechnology Nanostructured materials - Design and construction
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 New Frontiers of Organic and Composite Nanotechnology; Copyright Page; Table of Contents; Preface; List of contributors; Chapter 1 Layer-by-layer assembly; 1.1. Introduction; 1.2. Layer-by-layer Self-assembly; 1.2.1. Basic Principles; 1.2.2. Building Blocks for Layer-by-layer Self-assembly; 1.2.3. Kinetics of Multilayer Adsorption; 1.2.4. Tuning of Layer-by-layer Self-assembly; 1.3. Fabrication of Nanocomposite Thin Films; 1.3.1. Silica/Polyion Multilayer; 1.3.2. Semiconductor Nanoparticle/Polyion Multilayers; 1.3.3. Au Nanoparticle/Polycation Multilayer 1.3.4. Layered Ceramic Plates1.3.5. Conductive Polymers/Polyion Multilayer; 1.3.6. Carbon Nanotube/Polyion Multilayer; 1.3.7. Protein/Polyion Multilayer; 1.3.8. DNA Multilayer; 1.4. Modified Procedures; 1.4.1. Spin Layer-by-layer Self-assembly; 1.4.2. Spray Layer-by-layer Self-assembly; 1.4.3. Covalent Layer-by-layer Self-assembly; 1.5. Surface Patterning; 1.6. Current and Potential Applications; 1.6.1. Current Applications; 1.6.2. Potential Applications; 1.6.3. Difficulties and Solutions; 1.7. Conclusions; References Chapter 2 Multifunctional microcontainers with tuned permeability for delivery and (bio)chemical reactions2.1. Introduction; 2.2. Novel Polymer Materials for Low Permeable Capsule Walls and Encapsulation; 2.3. Release of Encapsulated Materials from Polyelectrolyte Capsules; 2.3.1. Enzyme-mediated Release of Encapsulated Materials; 2.3.2. Release by Laser; 2.4. Applications and Perspectives; References; Chapter 3 Advanced optical spectroscopies in nanotechnology; 3.1. Introduction: Spectroscopy on the Nanoscale; 3.2. The Nanoworld; 3.2.1. Small Objects; 3.2.2. Small Structures 3.3. Advanced Optical Spectroscopies3.3.1. Single-molecule Fluorescence Spectroscopies; 3.3.2. The SERS Effect and Enhanced Spectroscopies; 3.3.3. Tip-enhanced Spectroscopies; 3.4. Some Applications; 3.4.1. Blinking, Statistics and PCS; 3.4.2. Surface Plasmon Engineering and Sensors; 3.4.3. Quantum Dots and Nanoparticles; 3.4.4. Polarization and Anisotropy Effects; 3.4.5. Innovative Methods and Results; 3.4.6. 'Normal' Spectroscopy on Nanostructured Systems; 3.5. Conclusions and Perspectives; Bibliographical Appendix; Bibliography; Chapter 4 Conducting nanocomposite systems; 4.1. Introduction 4.2. Classification4.3. Host and Guest Materials for Conducting Nanocomposite Systems; 4.3.1. Host Materials; 4.3.2. Guest Materials; References; Chapter 5 Electrochemically assisted scanning probe microscopy: A powerful tool in nano(bio)science; 5.1. Introduction; 5.2. Electrochemical Scanning Tunnelling Microscope (EC-STM); 5.2.1. Bipotentiostatic Approach; 5.2.2. Tip Preparation; 5.2.3. Tip Characterization; 5.2.4. Substrate Electrode Preparation; 5.2.5. Tunnelling in Water; 5.3. EC-STM for Studying Underpotential Deposition 5.4. Visualization of Potential-Induced Molecular Assembling and Phase Transitions
Sommario/riassunto	This book is an attempt to illustrate current status of modern nanotechnology. The book is divided into 3 main sections, introduction and conclusion. The introduction describes general questions of the problem and main lines of the research activities. In the first section methods of the nanostructures construction are described. Second section is dedicated to the Structure-property relationship. Special attention is paid to the description of the most powerful experimental methods and tools used in nanotechnology, such as probe

	microscopies, spectroscopied, and scattering methods, including t

3. Record Nr. UNINA9910794624603321

Autore	D'mello Bruno Joseph
Titolo	JavaScript and JSON Essentials
Pubbl/distr/stampa	Packt Publishing
Descrizione fisica	1 online resource (226 p.)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Use JSON for building web applications with technologies like HTML, JavaScript, Angular, Node.js, Hapi.js, Kafka, socket.io, MongoDB, Gulp. js, and handlebar.js, and others formats like GEOJSON, JSON-LD, MessagePack, and BSON.Key FeaturesUse JSON with trending technologies like Angular, Hapi.js, MongoDB, Kafka, and Socket. ioDebug, validate, and format JSON using developer toolkits, JSONLint, and JSON Editor OnlineExplore other JSON formats like GeoJSON, JSON-LD, BSON, and MessagePackBook DescriptionJSON is an established and standard format used to exchange data. This book shows how JSON plays different roles in full web development through examples. By the end of this book, you'll have a new perspective on providing solutions for your applications and handling their complexities.After establishing a strong basic foundation with JSON, you'll learn to build frontend apps by creating a carousel. Next, you'll learn to implement JSON with Angular 5, Node.js, template embedding, and composer.json in PHP. This book will also help you implement Hapi.js (known for its JSON-configurable architecture) for server-side scripting.You'll learn to implement JSON for real-time apps using Kafka, as well as how to implement JSON for a task runner, and for MongoDB BSON storage. The book ends with some case studies on JSON formats to help you sharpen

	your creativity by exploring futuristic JSON implementations. By the end of the book, you'll be up and running with all the essential features of JSON and JavaScript and able to build fast, scalable, and efficient web applications.What you will learnUse JSON to store metadata for dependency managers, package managers, configuration managers, and metadata storesHandle asynchronous behavior in applications using callbacks, promises, generators, and async-await functionsUse JSON for Angular 5, Node.js, Gulp.js, and Hapi.jsImplement JSON as BSON in MongoDBMake use of JSON in developing automation scriptsImplement JSON for realtime using socket.io and distributed systems using KafkaWho this book is forIf you're a web developer with a basic understanding of JavaScript and want to write JSON data, integrate it with RESTful APIs to create faster and scalable applications, this book is for you.

4.

Record Nr.	UNISALENTO991004369434407536
Autore	Mill, John Stuart
Titolo	La libertà ed altri saggi / John Stuart Mill
Pubbl/distr/stampa	Milano : Bompiani, 1946
Titolo uniforme	On liberty 28489
Descrizione fisica	358 p. ; 22 cm
Collana	Classici della politica ; 1
Altri autori (Persone)	Crespi, Pietro <Professore di sociologia>
Disciplina	192
Soggetti	Libertà - Filosofia Utilitarismo Filosofia politica - Inghilterra
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Introduzione e traduzione di Pietro Crespi Titoli originali: On liberty ; Utilitarianism ; Principles of political economy with some of their applications to social philosophy ; Nature, the utility of religion and theism