

1.	Record Nr.	UNINA990000028570403321
	Autore	Bourgine, Louis
	Titolo	Execution du beton precontraint / Louis Bourgine ; preface de R. Coquand
	Pubbl/distr/stampa	Paris : Editions Eyrolles, 1954
	Descrizione fisica	113 p. : ill. ; 24 cm
	Disciplina	691.3
	Locazione	FINBC
	Collocazione	13 D 24 09
	Lingua di pubblicazione	Italiano
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
2.	Record Nr.	UNISALENTO991001447469707536
	Autore	Wilmott, Paul
	Titolo	The mathematics of financial derivatives : a student introduction / Paul Wilmott, Sam Howison, Jeff Dewynne
	Pubbl/distr/stampa	Cambridge : Cambridge University Press, 1995
	ISBN	0521497892 (pbk.)
	Descrizione fisica	xiii, 317 p. : ill. ; 23 cm
	Altri autori (Persone)	Howison, Samauthor Dewynne, Jeffauthor
	Disciplina	332
	Soggetti	Prezzi - Modelli matematici
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Includes bibliographical references (p. 308-311) and index

3.	Record Nr.	UNISALENTO991002299519707536
	Autore	Serricchio, Cristanziano
	Titolo	L'ora del tempo / Cristanziano Serricchio
	Pubbl/distr/stampa	[Lucugnano] : Edizioni dell'albero, 1956
	Descrizione fisica	63 p. ; 20 cm
	Collana	La misura del tempo ; 3
	Disciplina	851
	Lingua di pubblicazione	Italiano
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
4.	Record Nr.	UNISANNIOPUV0092760
	Autore	Wing, Omar
	Titolo	Gallium arsenide digital circuits / by Omar Wing
	Pubbl/distr/stampa	Boston [etc.] , : Kluwer, c1990
	ISBN	0792390814
	Descrizione fisica	XII, 188 p. ; 25 cm.
	Collana	The Kluwer international series in engineering and computer science , . VLSI, computer architecture and digital signal processing ; 109
	Disciplina	621.3815 621.3815284
	Soggetti	Transistori a effetto di campo
	Collocazione	SALA DING 621.3815 WIN.ga
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia

5. Record Nr.	UNINA9910254218903321
Autore	Letfullin Renat R
Titolo	Computational Nanomedicine and Nanotechnology : Lectures with Computer Practicums / / by Renat R. Letfullin, Thomas F. George
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
ISBN	3-319-43577-9
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (XX, 682 p. 104 illus., 100 illus. in color.)
Disciplina	610.28
Soggetti	Biomedical engineering Pharmaceutical technology Biophysics Nanotechnology Microwaves Optical engineering Oncology Biomedical Engineering and Bioengineering Pharmaceutical Sciences/Technology Biological and Medical Physics, Biophysics Nanotechnology and Microengineering Microwaves, RF and Optical Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	1. Introduction to Nanomedicine -- 2. Introduction to Cancer Cells and Targeting -- 3. Introduction to Cancer Therapy and Detection by Plasmonic Nanoparticles -- 4. Introduction to Light-Particle Interactions.
Sommario/riassunto	This textbook, aimed at advanced undergraduate and graduate students, introduces the basic knowledge required for nanomedicine and nanotechnology, and emphasizes how the combined use of chemistry and light with nanoparticles can serve as treatments and therapies for cancer. This includes nanodevices, nanophototherapies, nanodrug design, and laser heating of nanoparticles and cell

organelles. In addition, the book covers the emerging fields of nanophotonics and nanoplasmonics, which deal with nanoscale confinement of radiation and optical interactions on a scale much smaller than the wavelength of the light. The applications of nanophotonics and nanoplasmonics to biomedical research discussed in the book range from optical biosensing to photodynamic therapies. Cutting-edge and reflective of the multidisciplinary nature of nanomedicine, this book effectively combines knowledge and modeling from nanoscience, medicine, biotechnology, physics, optics, engineering, and pharmacy in an easily digestible format. Among the topics covered in-depth are:

- The structure of cancer cells and their properties, as well as techniques for selective targeting of cancer and gene therapy.
- Nanoplasmonics: Lorentz-Mie simulations of optical properties of nanoparticles and the use of plasmonic nanoparticles in diagnosis and therapy.
- Nanophotonics: short and ultrashort laser pulse interactions with nanostructures, time and space simulations of thermal fields in and around the nanobioparticles, and nanoclusters heated by radiation.
- Modeling of soft and hard biological tissue ablation by activated nanoparticles, as well as optical, thermal, kinetic, and dynamic modeling.
- Detection techniques, including the design and methods of activation of nanodrugs and plasmon resonance detection techniques.
- Design and fabrication of nanorobots and nanoparticles.
- Effective implementation of nanotherapy treatments.
- Nanoheat transfer, particularly the heating and cooling kinetics of nanoparticles.
- ...and more!

Each chapter contains a set of lectures in the form of text for student readers and PowerPoints for use by instructors, as well as homework exercises. Selected chapters also contain computer practicums, including Maple codes and worked-out examples. This book helps readers become more knowledgeable and versant in nanomedicine and nanotechnology, inspires readers to work creatively and go beyond the ideas and topics presented within, and is sufficiently comprehensive to be of value to research scientists as well as students.
