1.	Record Nr.	UNINA9910783404803321
	Titolo	Information processing and living systems [[electronic resource] /] / editors, Vladimir B. Bajic, Tan Tin Wee
	Pubbl/distr/stampa	London, : Imperial College Press
		Singapore ; ; Hackensack, NJ, : Distributed by World Scientific Pub., c2005
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		1-86094-688-7
	Descrizione fisica	1 online resource (799 p.)
	Collana	Series on advances in bioinformatics and computational biology ; ; v. 2
	Altri autori (Persone)	BajicV. B (Vladimir B.)
		TanTin Wee
	Disciplina	570/.285
	Soggetti	Bioinformatics
		Information modeling
		Biologically-inspired computing
		Biology - Data processing
		Human information processing
	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.
	Nota di contenuto	Preface; Contents; CHAPTER 1 A MULTI-DISCIPLINARY SURVEY OF BIOCOMPUTING: 1. MOLECULAR AND CELLULAR LEVELS*; CHAPTER 2 A MULTI-DISCIPLINARY SURVEY OF BIOCOMPUTING: 2. SYSTEMS AND EVOLUTIONARY LEVELS, AND TECHNOLOGICAL APPLICATIONS*; CHAPTER 3 MODELS FOR COMPLEX EUKARYOTIC REGULATORY DNA SEQUENCES; CHAPTER 4 AN ALGORITHM FOR AB-INITIO DNA MOTIF DETECTION; CHAPTER 5 DETECTING MOLECULAR EVIDENCE OF POSITIVE DARWINIAN SELECTION; CHAPTER 6 MOLECULAR PHYLOGENETIC ANALYSIS: UNDERSTANDING GENOME EVOLUTION; CHAPTER 7 CONSTRUCTING BIOLOGICAL NETWORKS OF PROTEIN-PROTEIN INTERACTIONS
		CHAPTER 8 COMPUTATIONAL MODELLING OF GENE REGULATORY NETWORKSCHAPTER 9 OVERVIEW OF TEXT-MINING IN LIFE-SCIENCES; CHAPTER 10 INTEGRATED PROGNOSTIC PROFILES: COMBINING

CLINICAL AND GENE EXPRESSION INFORMATION THROUGH EVOLVING CONNECTIONIST APPROACH; CHAPTER 11 DATABASES ON GENE REGULATION; CHAPTER 12 ON THE SEARCH OF BETTER VALIDATION AND STATISTICAL METHODS IN MICROARRAY DATA ANALYSIS; CHAPTER 13 INFORMATION EXTRACTION FROM DYNAMIC BIOLOGICAL WEB SOURCES; CHAPTER 14 COMPUTER AIDED DESIGN OF SIGNALING NETWORKS; CHAPTER 15 ANALYSIS OF DNA SEQUENCES: HUNTING FOR GENES
CHAPTER 16 BIOLOGICAL DATABASES AND WEB SERVICES: METRICS FOR QUALITY

Sommario/riassunto	Information processing and information flow occur in the course of anorganism's development and throughout its lifespan. Organisms do notexist in isolation, but interact with each other constantly within acomplex ecosystem. The relationships between organisms, such as thosebetween prey or predator, host and parasite, and between matingpartners, are complex and multidimensional.

2.

Record Nr.	UNICAMPANIAVAN00211671
Autore	Kostadinova, Evdokiya Georgieva
Titolo	Spectral Approach to Transport Problems in Two-Dimensional Disordered Lattices : Physical Interpretation and Applications : Doctoral Thesis accepted by Baylor University, Waco, Texas, USA / Evdokiya Georgieva Kostadinova
Pubbl/distr/stampa	Cham, : Springer, 2018
Titolo uniforme	Spectral Approach to Transport Problems in Two-Dimensional Disordered Lattices
Descrizione fisica	xiii, 107 p. : ill. ; 24 cm
Soggetti	81Qxx - General mathematical topics and methods in quantum theory [MSC 2020] 82-XX - Statistical mechanics, structure of matter [MSC 2020] 82C20 - Dynamic lattice systems (kinetic Ising, etc.) and systems on graphs in time-dependent statistical mechanics [MSC 2020]
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia