

1. Record Nr.	UNISA996385329203316
Autore	Burrough Edward <1634-1662.>
Titolo	A standard lifted up, and an ensigne held forth, to all nations [[electronic resource]] : shewing unto the whole world, and to all people to whom it shall come, by open proclamation, what the testimony of God is ... // ... Edward Burrough
Pubbl/distr/stampa	London, : Printed for Giles Calvert ..., 1658
Descrizione fisica	[4], 32 p
Soggetti	Society of Friends - Doctrines
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Reproduction of original in Huntington Library. Table of contents: p. [3]-[4] Errata: p. 32.
Sommario/riassunto	eebo-0113

2. Record Nr.	UNINA9910299710703321
Autore	Atakan Bar
Titolo	Molecular Communications and Nanonetworks : From Nature To Practical Systems // by Bar Atakan
Pubbl/distr/stampa	New York, NY : , : Springer New York : , : Imprint : Springer, , 2014
ISBN	1-4939-0739-5
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (196 p.)
Disciplina	004.6 620 620.5 621.382
Soggetti	Electrical engineering Computer organization Nanotechnology Communications Engineering, Networks Computer Systems Organization and Communication Networks Nanotechnology and Microengineering
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	Molecular Communication Among Nanomachines -- Passive Molecular Communication Through Absorbers -- Passive Molecular Communication Through Ligand-Receptor Binding -- Active Molecular Communication.
Sommario/riassunto	In this book, the concepts of molecular communications and nanonetworks are introduced. Throughout the book, the existing molecular communication paradigms are categorized into two main groups. The first group includes the Passive Molecular Communication (PMC) paradigms in which molecules freely diffuse to transfer information from a transmitter to a receiver. The second group includes the Active Molecular Communication (AMC) paradigms in which molecules are carried or guided by some mediators such as molecular motors, gap junction channels and bacteria. In the book, after briefly discussing why molecular communication is needed for the

sophisticated nano and biotechnology applications, the existing molecular communication systems are first presented. Then, the principles of diffusion phenomena and molecular reception with absorbers and the ligand-receptor binding mechanism are introduced. Based on these principles, the communication theories and techniques are given for the PMC. Then, the physical dynamics of molecular motors, calcium (Ca^{2+}) signaling (with gap junction channels), cell-to-cell adhesion, motile behavior of bacteria are reviewed and based on these dynamics the AMC paradigms are discussed from the viewpoint of the communication theory.
