1. Record Nr. UNINA9911022475603321

Titolo	The Planetary report
Pubbl/distr/stampa	Pasadena, CA, : Planetary Society, c1980-
Descrizione fisica	1 online resource
Disciplina	523.4/05
Soggetti	Planets - Exploration Astronautics in astronomy Planeten
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Title from cover.

2. Record Nr. UNINA9910965750103321

Autore	Makarov Dmitrii E.
Titolo	Single molecule science : physical principles and models / / Dmitrii E. Makarov
Pubbl/distr/stampa	Boca Raton, Florida : , : CRC Press, , [2015] ©2015
ISBN	9781040220245 104022024X 9780367575717 036757571X 9780429189579 0429189575
Edizione	[1st ed.]
Descrizione fisica	1 online resource (212 p.)
Disciplina	539.7
Soggetti	Molecules Biology Physics Health & Biological Sciences Physical Sciences & Mathematics Atomic Physics Biophysics

Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Chapter 8 Single-molecule MechanicsChapter 9 Nonequilibrium Thermodynamics Of Single Molecules: The Jarzynski And Crooks Identities; Chapter 10 Single-molecule Phenomena In Living Systems; Appendix A Probability Theory, Random Numbers, And Random Walks; Appendix B Elements Of Statistical Mechanics; Back Cover
Sommario/riassunto	The observation and manipulation of individual molecules is one of the most exciting developments in modern molecular science. Single Molecule Science: Physical Principles and Models provides an introduction to the mathematical tools and physical theories needed to understand, explain, and model single-molecule observations. This book explains the physical principles underlying the major classes of single-molecule experiments such as fluorescence measurements, force-probe spectroscopy, and nanopore experiments. It provides the framework needed to understand single-molecule phenomena by introdu