

1. Record Nr.	UNINA9910780145503321
Titolo	Biological threats and terrorism [[electronic resource]] : assessing the science and response capabilities : workshop summary // Stacey L. Knobler, Adel A.F. Mahmoud, and Leslie A. Pray, editors
Pubbl/distr/stampa	Washington, DC, : National Academy Press, c2002
ISBN	0-309-16995-X 0-309-51025-2
Descrizione fisica	xvi, 317 p. : ill
Altri autori (Persone)	KnoblerStacey MahmoudAdel A. F PrayLeslie A
Disciplina	363.3/2
Soggetti	Bioterrorism
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Based on a workshop of the Forum on Emerging Infections, Board on Global Health, Institute of Medicine."
Nota di bibliografia	Includes bibliographical references.

2. Record Nr.	UNINA9910139532003321
Titolo	Astronomy with radioactivities // Roland Diehl, Dieter H. Hartmann, Nikos Prantzos, (eds.)
Pubbl/distr/stampa	New York, : Springer, 2011
ISBN	9783642126987 3642126987
Edizione	[1st ed.]
Descrizione fisica	1 online resource (XII, 564 p. 120 illus.)
Collana	Lecture notes in physics, , 0075-8450 ; ; 812
Classificazione	520
Altri autori (Persone)	DiehlRoland HartmannDieter H PrantzosNikos
Disciplina	520
Soggetti	Radio astrophysics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	pt. 1. The role of radioactivities in astrophysics -- pt. 2. Specific sources of cosmic isotopes -- pt. 3. Spcial places to observe cosmic isotopes -- pt. 4. Tools for the study of radioactivities in astrophysics -- pt. 5. Epilogue.
Sommario/riassunto	This book introduces the reader to the field of nuclear astrophysics, i.e. the acquisition and reading of measurements on unstable isotopes in different parts of the universe. The authors explain the role of radioactivities in astrophysics, discuss specific sources of cosmic isotopes and in which special regions they can be observed. More specifically, the authors address stars of different types, stellar explosions which terminate stellar evolutions, and other explosions triggered by mass transfers and instabilities in binary stars. They also address nuclear reactions and transport processes in interstellar space, in the contexts of cosmic rays and of chemical evolution. A special chapter is dedicated to the solar system which even provides material samples. The book also contains a description of key tools which astrophysicists employ in those particular studies and a glossary of key terms in astronomy with radioactivities.