

1. Record Nr.	UNINA9910955233103321
Titolo	Metabolomics : metabolites, metabonomics, and analytical technologies // Justin S. Knapp and William L. Cabrera, editors
Pubbl/distr/stampa	New York, : Nova Science Publishers, c2011
ISBN	1-62100-040-0
Edizione	[1st ed.]
Descrizione fisica	xii, 263 p. : ill. (some col.)
Collana	Genetics--research and issues
Altri autori (Persone)	KnappJustin S CabreraWilliam L
Disciplina	612.3/9
Soggetti	Metabolism - Regulation Functional genomics
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	Correlations and distances-based approaches to static analysis of the variability in metabolomic datasets : applications and comparisons with other static and kinetic approaches / Nabil Semmar ... and others -- Metabolomic profile and fractal dimensions in breast cancer cells / Mariano Bizzarri ... and others -- Plant environmental metabolomics / Matthew P. Davey -- Microbial metagenomics : concept, methodology and prospects for novel biocatalysts and therapeutics from the mammalian gut microbiome / B. Singh ... [et al.] -- Metabolite identification, pathways and omic integration using online databases and tools / Matthew P. Davey -- Nutrigenomics, metabolomics and metabonomics : emerging faces of molecular genomics and nutrition / B. Singh ... and others -- Machine reconstruction of metabolic networks from metabolomic data through symbolic-statistical learning / Marenglen Biba ... and others -- Metabolomics / Viroj Wiwanikit -- The role of specific estrogen metabolites in the initiation of breast and other human cancers / Eleanor G. Rogan, Ercole L. Cavalieri.
Sommario/riassunto	Metabolomics is the logical progression of the study of genes, transcripts and proteins. This book presents an overview of nutrigenomics and metabolomics tools, and their perspective in livestock health and production.

