

1. Record Nr.	UNINA9910786833703321
Titolo	Handbook of metallonutraceuticals // edited by Yashwant Vishnupant Pathak, Jayant Nemchand Lokhande
Pubbl/distr/stampa	Boca Raton : , : Taylor & Francis, , [2014] ©2014
ISBN	0-429-15163-2 1-4398-3699-X
Descrizione fisica	1 online resource (346 p.)
Collana	Nutraceuticals
Disciplina	613.2/8
Soggetti	Metals - Physiological effect Metals - Therapeutic use
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	Front Cover; Contents; Series Preface; Foreword; Preface; Editors; Contributors; Chapter 1: Concept, Definition, and Need for Metallonutraceuticals; Chapter 2: Roles of Metals in Metabolism; Chapter 3: Ethnopharmacology and Ethnomedicine of Metals; Chapter 4: Characterization of Metallonutraceuticals; Chapter 5: Characterization, Bioavailability, and Drug Interactions of Metallonutraceuticals; Chapter 6: Therapeutic Applications of Nanometals; Chapter 7: Metallonanotherapeutics for Neurodegenerative Diseases; Chapter 8: Nanometals and Complexes in Cancer Diagnosis and Therapy Chapter 9: Application of Metals in Traditional Chinese Medicine Chapter 10: Metalloenzymes : Relevance in Biological Systems and Potential Applications; Chapter 11: Application of Nanosilver in Nutraceuticals; Chapter 12: Regulatory Pathways and Intellectual Property Rights for Metallonutraceuticals; Chapter 13: Gold Nanoparticles : A Promising Nanometallic Drug Delivery System with Many Therapeutic Applications; Back Cover
Sommario/riassunto	Reviewing the health applications of selected metallic elements and the inorganic, organic, and bio-chemistry underlying the formulation of metallonutraceuticals, this comprehensive work provides a detailed

description of the fundamentals and end-use applications of a series of metals vital to the metabolic and nutritional activities of human beings. Assuming a basic understanding of the role of metals in human physiology, it addresses various production issues including scaling up, processing, and automation from different scientific perspectives, as well as FDA regulations, institutional regulations, and ethics for industrial operations and corporate transactions--Provided by publisher.
