1. Record Nr. UNISA990000684620203316

Autore	IADECOLA, Gianfranco
Titolo	Il nuovo codice di deontologia medica / Gianfranco Iadecola
Pubbl/distr/stampa	Padova : CEDAM, 1996
ISBN	88-13-19467-6
Descrizione fisica	167 p. ; 24 cm
Disciplina	174.2
Soggetti	Medici - Morale professionale
Collocazione	XXVI.1.F. 132 (IML 18) XXVI.1.F. 132a (IML 18)
Lingua di pubblicazione	Italiano
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Titolo	Biophysico-chemical processes of heavy metals and metalloids in soil environments / / edited by Antonio Violante, Pan Ming Huang, Geoffrey Michael Gadd
Pubbl/distr/stampa	Hoboken, N.J., : Wiley-Interscience, c2008
ISBN	9786611203719 9781281203717 1281203718 9780470175484 0470175486 9780470175477 0470175478
Descrizione fisica	1 online resource (681 p.)
Collana	Wiley-IUPAC series on biophysico-chemical processes in environmental systems ; ; v. 1
Altri autori (Persone)	ViolanteA (Antonio) HuangP. M GaddGeoffrey M
Disciplina	628.5/5
Soggetti	Heavy metals - Environmental aspects Soil pollution Soils - Heavy metal content

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Formato	Materiale a stampa
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	BIOPHYSICO-CHEMICAL PROCESSES OF HEAVY METALS AND METALLOIDS IN SOIL ENVIRONMENTS; CONTENTS; CONTRIBUTORS; PREFACE; SERIES PREFACE; ABOUT THE EDITORS; PART I FUNDAMENTALS OF BIOTIC AND ABIOTIC INTERACTIONS OF METALS AND METALLOIDS WITH SOIL COMPONENTS; 1 Impacts of Physicochemical-Biological Interactions on Metal and Metalloid Transformations in Soils: An Overview; 2 Transformation and Mobilization of Metals, Metalloids, and Radionuclides by Microorganisms; 3 Kinetics and Mechanisms of Sorption-Desorption in Soils: A Multiscale Assessment 4 Spectroscopic Techniques for Studying Metal-Humic Complexes in Soil5 Factors Affecting the Sorption-Desorption of Trace Elements in Soil Environments; 6 Modeling Adsorption of Metals and Metalloids by Soil Components; PART II TRANSFORMATIONS AND DYNAMICS OF METALS AND METALLOIDS AS INFLUENCED BY SOIL-ROOT-MICROBE INTERACTIONS; 7 Biogeochemistry of Metals and Metalloids at the Soil-Root Interface; 8 Biogeochemical Processes Controlling the Cycling of Arsenic in Soils and Sediments; 9 Microbial Oxidation and Reduction of Iron in the Root Zone and Influences on Metal Mobility 10 The Complexity of Aqueous Complexation: The Case of Aluminum- and Iron(III)-CitratePART III SPECIATION, MOBILITY, AND BIOAVAILABILITY OF METALS AND METALLOIDS AND RESTORATION OF CONTAMINATED SOILS; 11 Chemical Speciation and Bioavailability of Trace Metals; 12 Fractionation and Mobility of Trace Elements in Soils and Sediments; 13 Sources and Mobility of Metallic Radionuclides in Soil Systems; 14 Remediation of Metal-Contaminated Soils: An Overview; 15 Phosphate-Induced Lead Immobilization in Contaminated Soils: Mechanisms, Assessment, and Field Applications; INDEX
Sommario/riassunto	Written by a multidisciplinary group of soil and environmental scientists, Biophysico-Chemical Processes of Heavy Metals and Metalloids in Soil Environments provides the scientific community with a critical qualitative and quantitative review of the fundamentals of the processes of pollutants in soil environments. The book covers pollutants' speciation, mobility, bioavailability and toxicity, and impacts on development of innovative restoration strategies. In addition, the development of innovative remediation strategies for polluted soils is covered.