

1. Record Nr.	UNINA9910830467703321
Titolo	Plants and the chemical elements [[electronic resource]] : biochemistry, uptake, tolerance and toxicity // edited by Margaret E. Farago
Pubbl/distr/stampa	Weinheim ; ; New York, : VCH, c1994
ISBN	1-281-75880-9 9786611758806 3-527-61591-1 3-527-61590-3
Descrizione fisica	1 online resource (305 p.)
Collana	Don Merson ; ; v.1
Altri autori (Persone)	FaragoMargaret E
Disciplina	581.192 581.2192
Soggetti	Botanical chemistry Plant physiology Plants - Effect of pollution on
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 (p. 281-283) and index.
Nota di contenuto	Plants and the Chemical Elements; Contents; 1 Soil Chemistry and Bioavailability with Special Reference to Trace Elements; 2 Metal Ions and Plant Nutrition; 3 Metal-Tolerant Plants: An Evolutionary Perspective; 4 Plants that Hyperaccumulate Heavy Metals; 5 Plant Metalloenzymes; 6 Toxic Effects of Metals; 7 Plants and Radionuclides; 8 Plants as Indicators of Mineralisation and Pollution; 9 Analytical Techniques for Plant Analysis; 10 Phytochemistry: Methods for the Study of Inorganic Species in Plant Tissues; Index
Sommario/riassunto	How do plants react to elements in the soil?A vital question, particularly in today's world of increasing environmental contamination...The answer can be found in this book. It has an extraordinarily broad basis, compiling up-to-date information from numerous specialist disciplines. Key articles are devoted to- Soil Chemistry and Bioavailability- Metal-tolerant Plants- Metalloenzymes- Toxic Effects of Metals- Radionuclides Moreover emphasis is placed on environmental aspects, with detailed considerations of plants that hyperaccumulate heavy metals and

