

1. Record Nr.	UNINA9910463009303321
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Titolo	Recent Advances Towards Improved Phytoremediation of Heavy Metal Pollution [[electronic resource]]
Pubbl/distr/stampa	Sharjah, : Bentham Science Publishers, 2013
ISBN	1-60805-787-9
Descrizione fisica	1 online resource (150 p.)
Soggetti	Earth & Environmental Sciences Ecology Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Cover; Title; EUL; Dedication; Contents; Foreword; Preface; List of Contributors; Part I; Chapter 01; Chapter 02; Chapter 03; Part II; Chapter 04; Chapter 05; Chapter 06; Chapter 07; Index
Sommario/riassunto	Heavy metal pollution represents a global challenge to both public health and environmental sustainability. Any means to reduce heavy metal pollution in the environment is of considerable economic significance. The use of green plants to clean up heavy metal pollution is an environmentally friendly as well as a low-cost approach to the problem. This plant-based biotechnology is commonly known as 'phytoremediation'. Presently, there is limited application of this technology because useful plants with enhanced heavy metal resistance/tolerance are still needed to assist remediation of environment