1. Record Nr. UNINA9910525358903321

Autore	Zelbst Pamela
Titolo	RFID for the supply chain and operations professional [[electronic resource] /] / Pamela Zelbst and Victor Sower
Pubbl/distr/stampa	[New York, N.Y.] (222 East 46th Street, New York, NY 10017), : Business Expert Press, c2012
ISBN	1-78268-092-6 1-283-89296-0 1-60649-269-1
Edizione	[1st ed.]
Descrizione fisica	1 online resource (149 p.)
Collana	Supply and operations management collection, , 2156-8200
Altri autori (Persone)	SowerVictor E
Disciplina	658.787
Soggetti	Radio frequency identification systems Business logistics Electronic books.
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. 121-126) and index.
Nota di contenuto	List of illustrations -- Abbreviations and acronyms -- Acknowledgments -- 1. RFID basics -- 2. RFID technology essentials -- 3. Uses of RFID technology -- 4. RFID is not a solution waiting for a problem -- 5. Implementing RFID -- 6. Business cases for RFID -- 7. Conclusions -- Appendix. RFID standards -- Notes -- References -- Index.
Sommario/riassunto	The quality and effectiveness of decisions made within an organization and its supply chain depend on the accuracy and timeliness of the information on which they are based. Radio frequency identification (RFID) is a technology that can provide more accurate information in near real time and thus increase the quality and timeliness of decisions based on that information. RFID systems are currently in use in areas such as inventory management, process control, asset tracking and monitoring, and retail point of sale. Organizations that appropriately incorporate RFID into their operations and information management systems have increased their agility, effectiveness, and efficiency, resulting in organizational growth and increased profitability.

2. Record Nr. UNINA9910298282503321

Titolo	Phytoremediation : Management of Environmental Contaminants, Volume 1 / / edited by Abid A. Ansari, Sarvajeet Singh Gill, Ritu Gill, Guy R. Lanza, Lee Newman
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-10395-4
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (348 p.)
Disciplina	571.2 628.5
Soggetti	Plant ecology Plant physiology Botanical chemistry Plant Ecology Plant Physiology Plant Biochemistry
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	Giant Reed (Arundo donax L.): A Green Technology for Clean Environment -- The Bioavailability Processes as a key to Evaluate Phytoremediation Efficiency -- The bioavailability processes as a key to evaluate phytoremediation -- Phytoremediation and Environmental Factors -- Landscape Frameworks for the Revitalization of Urban Neighborhoods in the Context of Phytoremediation -- Phytoextraction of Metals: Modeling Root Metal Uptake and Associated Processes -- Morpho-physiological Responses, Heavy Metal Accumulation and Phytoremoval Ability in Four Willow Clones Exposed to Cadmium Under Hydroponics -- Overview and New Insights of Genetically Engineered Plants for Improving Phytoremediation -- Phytomanagement: Phytoremediation and the Production of Biomass for Economic Revenue on Contaminated Land -- Phytoremediation of Soils Contaminated with Heavy Metals: Techniques and Strategies -- Phytoremediation of Agricultural Soils: Using Plants to Clean Metal-Contaminated Arable

Land -- Biomonitoring the Genotoxicity of Heavy Metals/Metalloids Present in Soil Contaminated by Fly Ash from Coal Fired Thermal Power Plant using Tradescantia pallid -- Utilization and Supplementation of Phytoextraction potential of some Terrestrial Plants in Metal-Contaminated Soils -- Roles of Brassicaceae in phytoremediation of metals and metalloids -- PAH Contamination of Urban Soils and Phytoremediation -- Phytoremediation of Petroleum-Polluted Soils -- Phytoremediation and Biochar Application as an Amendment -- Phytoremediation of RDX -- Phytoremediation of Hydrocarbon-Contaminated Soil Using Sedge Species -- Phytoremediation of BTEX by Plants -- Phytoremediation of PAH-Contaminated Areas -- Phytoremediation of Degraded Mine Soils Using Organic Amendments and Metal-Tolerant Plants -- Salt Marsh Plants' Potential for the Remediation of Hydrocarbons-Contaminated Environments -- Phytoremediation in Thailand: A Summary of Selected Research and Case Histories.

Sommario/riassunto

This text details the plant-assisted remediation method, "phytoremediation", which involves the interaction of plant roots and associated rhizospheric microorganisms for the remediation of soil and water contaminated with high levels of metals, pesticides, solvents, radionuclides, explosives, nutrients, crude oil, organic compounds and various other contaminants. Each chapter highlights and compares the beneficial and economical alternatives of phytoremediation to currently practiced soil and water removal and burial practices. This book covers state of the art approaches in phytoremediation written by leading and eminent scientists from around the globe. Phytoremediation: Management of Environmental Contaminants, Volume 1 supplies its readers with a multidisciplinary understanding in the principal and practical approaches of phytoremediation from laboratory research to field application.