1. Record Nr. UNICAMPANIAVAN0133645

Autore	Nawrocki, Waldemar
Titolo	Introduction to Quantum Metrology : Quantum Standards and Instrumentation / Waldemar Nawrocki
Pubbl/distr/stampa	Cham, : Springer, 2015
Titolo uniforme	Wstp do metrologii kwantowej
Descrizione fisica	xiii, 279 p. : ill. ; 24 cm
Soggetti	81-XX - Quantum theory [MSC 2020] 00A79 (77-XX) - Physics [MSC 2020]
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910851001403321

Titolo	Biblioteche, lettura, intelligenza artificiale : struttura e contesto del progetto Reading(&) Machine / a cura di Fabrizio Lamberti, Marco Mellia e Maurizo Vivarelli
Pubbl/distr/stampa	Milano, : Editrice Bibliografica, 2024
ISBN	978-88-9357-606-2
Descrizione fisica	277 p. : ill. ; 21 cm
Collana	Biblioteconomia e scienza dell'informazione ; 52
Disciplina	020.2854678
Locazione	DECBC FLFBC FGBC FARBC FSPBC FAGBC
Collocazione	BIB020.285467A 020.7 BSI (052) XIX E 60 BIBL B 607 BIBL B 608 COLLEZ. 3209 (52)

		020.285 LAMF 2024
	Lingua di pubblicazione	Italiano
	Formato	Materiale a stampa
	Livello bibliografico	Monografia

3.	Record Nr.	UNINA9910366644003321
	Titolo	Strontium Contamination in the Environment / / edited by Pankaj Pathak, Dharmendra K. Gupta
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
	ISBN	3-030-15314-2
	Edizione	[1st ed. 2020.]
	Descrizione fisica	1 online resource (XIV, 250 p. 61 illus., 46 illus. in color.)
	Collana	The Handbook of Environmental Chemistry, , 1867-979X ; ; 88
	Disciplina	550.28 628.52
	Soggetti	Environmental chemistry Analytical chemistry Pollution Nuclear chemistry Environmental monitoring Ecology Environmental Chemistry Analytical Chemistry Terrestrial Pollution Nuclear Chemistry Monitoring/Environmental Analysis
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Strontium: Source, occurrence, properties and detection -- Isotopes of strontium: Properties and applications -- Strontium extraction from the geo-environment -- Biosorption of strontium from aqueous solutions -- Plant response under strontium and phytoremediation -- Uptake,

transport, and remediation of strontium -- Spatial distribution of 90Sr in the ecosystems of Polesie State Radiation-Ecological Reserve -- Spatial distribution of 90Sr from different sources in soils of the Urals region, Russia -- 90Sr in the components of pine forests of Belarusian part of Chernobyl NPP exclusion zone -- Removal of strontium by physio-chemical adsorption and ion exchange methods -- Use of the sorption method for strontium removal -- Assessment of the alkaline earth metals (Ca, Sr, Ba) and their associated health impacts.

Sommario/riassunto

This book provides an authoritative review of the origin and extraction of strontium and its impact on the environment. It also presents the latest strontium decontamination and remediation strategies. Around the globe, nuclear power is being recognized as a major source of energy and is expected to play a crucial role in meeting the energy requirements of present day society. However, the pros and cons have to be considered, and the safe disposal of large amounts of radionuclide wastes is becoming a matter of great concern. These wastes encompass contaminants such as heavy metals and toxic substances, which may exist in solid, liquid or gaseous forms or a combination of these, and as such, their disposal requires particular attention. The book focuses on 90Sr, which is a predominant isotope of strontium and considered an intermediate level radioactive waste with a half-life of 28.8 years, average biological half-life of 18 years and 546 KeV decay energy. Written by expert contributors, it addresses occurrence, detection and extraction of strontium, the chemical and nuclear properties of strontium isotopes, the fate and migration of strontium in soil, its bioaccumulation, and its associated health impact, mechanistic toxicity response as well as related regulation and remediation. It appeals to scholars, scientists and environmental managers working with strontium contamination in the environment and its consequences.