

1. Record Nr.	UNINA990001685610403321
Autore	Pinolini, Domenico
Titolo	Le erbe dannose alle piante coltivate e mezzi per distruggerle / Domenico Pinolini
Pubbl/distr/stampa	Milano : Vallardi, 1924
Descrizione fisica	207 p. : ill. ; 16 cm
Disciplina	581.65 632.9
Locazione	FAGBC
Collocazione	60 632.58 C 2 60 632.58 C 1
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNINA9910999781303321
Autore	Jiang Shan
Titolo	Accelerator Mass Spectrometry Techniques and Applications // by Shan Jiang, Ming He, Kejun Dong
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2025
ISBN	981-9623-17-0
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (XV, 276 p. 115 illus., 46 illus. in color.)
Collana	Nuclear Science and Technology, , 2948-1864
Disciplina	539.73
Soggetti	Particle accelerators Mass spectrometry Measurement Measuring instruments Nuclear physics Accelerator Physics Mass Spectrometry Measurement Science and Instrumentation Nuclear Physics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Fundamentals of Accelerator Mass Spectrometry -- Accelerator Mass Spectrometry -- AMS Measurement Methods -- The Applications of AMS in Nuclear Science -- Application of AMS in Archaeology -- Application of AMS in Geosciences -- Application of AMS in Life Sciences and Drug Development -- Application of AMS in Environmental Science and Resource Science.
Sommario/riassunto	This book highlights the advances in the technology , instrumentation , method developments , and applications of Accelerator Mass Spectrometry ( AMS ). It systematically introduces the principles and structure of AMS . The authors put emphasis on the new techniques and measurement methods of AMS , with detailed descriptions of its applications in the fields of nuclear science , archaeology , geoscience , biomedicine , and environmental science . The advances made by global researchers are mainly in three directions: (1) the miniaturization

of AMS instruments; (2) inventions based on new technology and new theories , such as superionization AMS and MS; (3) new methods and applications , including measurements of noble gases  $^{85}\text{Kr}$ ,  $^{133}\text{Xe}$ , and  $^{39}\text{Ar}$  using superionization AMS , dating of human history with  $^{41}\text{Ca}$ , increasing  $^{14}\text{C}$  dating from 40 ky to more than 60 ky , and measurements with such important dating nuclides as  $^{40}\text{K}$ - $^{40}\text{Ca}$ - $^{40}\text{Ar}$ ,  $^{87}\text{Ru}$ - $^{87}\text{Sr}$ , and  $^{187}\text{Re}$ - $^{187}\text{Os}$  in geology and archeology. The book is not only a good reference for technicians of MS and accelerators but also a helpful information source on how to use AMS for researchers and graduate students in their research and work in geology, archeology, environmental science, nuclear science, materials science , and biomedicine.

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