

1. Record Nr.	UNINA9910786824003321
Autore	Zhou Dazhuang
Titolo	CR-39 plastic nuclear track detectors in physics research [[electronic resource] /] / Dazhuang Zhou
Pubbl/distr/stampa	Hauppauge, N.Y., : Nova Science Publishers, c2012
ISBN	1-62808-660-2
Descrizione fisica	1 online resource (214 p.)
Collana	Physics research and technology
Disciplina	539.7/7
Soggetti	Nuclear track detectors Cosmic rays - Measurement
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. [179]-188) and index.
Nota di contenuto	Methods of LET spectrum and charge spectrum using CR-39 detectors -- Cosmic rays in space and in the Earth's atmosphere -- Radiation measured with CR-39 detectors at aviation altitudes -- Radiation measured with CR-39 detectors in low Earth orbit (LEO) -- Ground environmental radiation measured with CR-39 detectors -- Charge spectra of galactic cosmic rays measured with CR-39 detectors in LEO -- Radiation risk estimation using let spectrum measured with CR-39 detectors -- Condensed matter nuclear science -- Search for magnetic monopoles using CR-39 detectors.