

1. Record Nr.	UNINA9910703651103321
Autore	Harlan Stephen S.
Titolo	Sediment magnetic data and thermomagnetic determinations of modern and ancient soils and parent materials near McCook, Red Willow County, Nebraska : contributions to Quaternary paleoclimatic studies of midcontinent loess deposits / / by Stephen S. Harlan [and three others]
Pubbl/distr/stampa	Denver, Colorado : , : U.S. Department of the Interior, U.S. Geological Survey, , 1998
Descrizione fisica	1 online resource (36 pages) : illustrations
Collana	Open-file report ; ; 98-46
Soggetti	Geomagnetism - Nebraska - Red Willow County Paleoclimatology - Quaternary Paleoclimatology - Nebraska - Red Willow County
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed Mar. 5, 2015).
Nota di bibliografia	Includes bibliographical references (page 5).

2. Record Nr.	UNINA9910557113803321
Autore	Cesano Federico
Titolo	Smart Tools for Smart Applications : New Insights into Inorganic Magnetic Systems and Materials
Pubbl/distr/stampa	Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2021
Descrizione fisica	1 online resource (206 p.)
Soggetti	Research & information: general
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>In recent years, micro- and nanosystems with magnetic properties have been extensively investigated in many fields, ranging from physics to medicine. The research in these areas has lately shown that if the magnetic compounds are opportunely functionalized and modified with moieties and specific functional groups, a plethora of challenging multidisciplinary applications is available, including the development of magnetically controlled particles, stimuli-responsive materials, magnetically guided chemical/drug-delivery systems, sensors, spintronics, separation and purification of contaminated groundwater and soils, ferrofluids and magnetorheological fluids, contrast agents for MRI, and internal sources of heat for the thermoablation of cancer. Magnetic compounds have been found to be highly selective and effective in all these application fields, from the molecular level to the microscale. This book aims at underlining the latest advances in the field of magnetic compounds, nanosystems, and materials, covering a large variety of topics related to novel synthesis and functionalization methods and the properties, applications, and use of magnetic systems in chemistry, materials science, diagnostics, and medical therapy.</p>