1. Record Nr. UNINA9910144321903321

Titolo	Dithiolene chemistry [[electronic resource]] : synthesis, properties, and applications / / special volume edited by Edward I. Stiefel
Pubbl/distr/stampa	Hoboken, NJ, : Wiley, c2004
ISBN	1-280-34440-7 9786610344406 0-470-65328-0 0-471-47193-3 0-471-47191-7
Descrizione fisica	1 online resource (752 p.)
Collana	Progress in inorganic chemistry ; ; v. 52
Altri autori (Persone)	StiefelEdward I. <1942->
Disciplina	546.082 546.3
Soggetti	Dithionates Chemistry, Inorganic 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 and indexes.
Nota di contenuto	DITHIOLENE CHEMISTRY PROGRESS IN INORGANIC CHEMISTRY VOLUME 52; Preface; Contents; Chapter 1 Synthesis of Transition Metal Dithiolenes; Chapter 2 Structures and Structural Trends in Homoleptic Dithiolene Complexes; Chapter 3 The Electronic Structure and Spectroscopy of Metallo-Dithiolene Complexes; Chapter 4 Vibrational Spectra of Dithiolene Complexes; Chapter 5 Electrochemical and Chemical Reactivity of Dithiolene Complexes; Chapter 6 Luminescence and Photochemistry of Metal Dithiolene Complexes; Chapter 7 Metal Dithiolene Complexes in Detection: Past, Present, and Future Chapter 8 Solid-State Properties (Electronic, Magnetic, Optical) of Dithiolene Complex-Based CompundsChapter 9 Dithiolenes in Biology; Chapter 10 Chemical Analogues of the Catalytic Centers of Molybdenum and Tungsten Ditholene-Containing Enzymes; Chapter 11 Dithiolenes in More Complex Ligands; Subject Index; Cumulative Index, Volumes 1-52
Sommario/riassunto	The Progress in Inorganic Chemistry series provides inorganic

chemistry with a forum for critical, authoritative evaluations of advances in every area of the discipline. Volume 52, Dithiolene Chemistry: Synthesis, Properties, and Applications continues this forum with a focus on dithiolene chemistry and a significant, up-to-date selection of papers by internationally recognized researchers. Dithiolene complexes have a remarkable set of properties, a fact which has made them the object of intense study for new materials and sensors.