Record Nr. UNINA9910143726003321 Nickel and its surprising impact in nature [[electronic resource] /] / **Titolo** edited by Astrid Sigel, Helmut Sigel, and Roland K.O. Sigel Pubbl/distr/stampa Chichester, West Sussex, England; ; Hoboken, NJ, : Wiley, c2007 **ISBN** 1-280-83858-2 9786610838585 0-470-02813-0 0-470-02812-2 Descrizione fisica 1 online resource (730 p.) Collana Metal ions in life sciences, , 1559-0836; ; v. 2 Altri autori (Persone) SigelAstrid SigelHelmut SigelRoland K. O Disciplina 546.625 615.925625 Soggetti Nickel in the body Nickel enzymes Organonickel compounds Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Monografia Livello bibliografico Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Metal Ions in Life Sciences; Historical Development and Perspectives of the Series; Preface to Volume 2; Contents; Contributors to Volume 2; Titles of Volumes 1-44 in the Metal Ions in Biological Systems Series; Contents of Volumes in the Metal Ions in Life Sciences Series: 1 Biogeochemistry of Nickel and Its Release into the Environment; 1. Introduction; 2. Chemistry of Nickel; 3. Ancient and Modern Uses of Nickel; 4. Sources of Atmospheric Nickel; 5. Deposition and Fate of Atmospheric Nickel: 6. Historical Records of Nickel Deposition 7. Bioavailability and Mobility of Nickel in Soils8. Summary and Conclusions; Abbreviations; References; 2 Nickel in the Environment

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1. Introduction

Sommario/riassunto

Helmut Sigel, Astrid Sigel and Roland K.O. Sigel, in close cooperation with John Wiley & Sons, launch a new Series "Metal Ions in Life Sciences". The philosophy of the Series is based on the one successfully applied to a previous series published by another publisher, but the move from "biological systems" to "life sciences" will open the aims and scope and allow for the publication of books touching on the interface between chemistry, biology, pharmacology, biochemistry and medicine. Volume 2 focuses on the vibrant research area concerning nickel as well as its complexes and their ro