

1. Record Nr.	UNINA9910143952303321
Titolo	Advances in enzymology and related subjects . Volume 1 [[electronic resource]] / edited by F. F. Nord, C. H. Werkman
Pubbl/distr/stampa	New York, : Wiley, 1941
ISBN	1-282-68249-0 9786612682490 0-470-12246-3 0-470-12323-0
Descrizione fisica	1 online resource (446 p.)
Collana	Advances in enzymology and related subjects ; ; 1
Altri autori (Persone)	NordF. F WerkmanC. H
Disciplina	572.7 612.0151
Soggetti	Clinical enzymology Enzymes 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 index.
Nota di contenuto	ADVANCES IN ENZYMOLOGY AND RELATED SUBJECTS; Preface; CONTENTS; Protein Structure; I. Introduction; II. Fiber Proteins; III. Globular Proteins; Bibliography; Physikalisch-chemische Gesichtspunkte zum Problem der Virusaktivitt; Einleitung; I. Einfluss des Ladungscharakters auf die spezifische Vkuswirksamkeit; II. Einfluss von Bestrahlungen; III. Das Aggregationsproblem; IV. Gestalt und Teilchengrosse; Literaturverzeichnis; The Specificity of Proteinases; I. Role of Molecular Weight of the Substrate; II. The Nature of the Linkages Split by Proteinases; III. Specificity of Gastro-Intestinal Proteinases 1. Pepsin; 2. Chymotrypsin; 3. Trypsin; IV. Some General Remarks Concerning the Specificity of Gastro-Intestinal Proteinases; V. Proteinases and Peptidases; VI. Specificity of Intracellular Proteinases; 1. Papain; 2. Intracellular Proteolytic Enzymes of Animal Tissues; VII. The Activation of Intracellular Proteolytic Enzymes; VIII. Kinetics and Specificity; IX. Enzymatic Synthesis; X. Stereochemical Specificity of Proteinases;

Conclusion; Bibliography; Metabolic Generation and Utilization of Phosphate Bond Energy; I. Historical Introduction
II. Definition of the Term "Group Potential"III. Group Potential of Phospho-organic Compounds; 1. Ester Phosphate; 2. Energy-rich Phosphate Bonds; IV. Chemistry and Distribution in Nature of Energy-rich Phosphate Bonds; 1. General Survey; 2. Adenosine polyphosphate; 3. Phosphoguanidine Linkages (Phosphagens); 4. Phosphoenol Pyruvic Acid; 5. Phosphoglycerol Phosphate; 6. Acetyl Phosphate; V. The Phosphate Cycle; 1. Primary Phosphorylation; 2. Transphosphorylation; VI. Metabolic Generation of Energy-rich Phosphate Bonds; 1. Anaerobic Metabolism; 2. Aerobic Metabolism
VII. Utilization of Phosphate Bond Energy1. Muscular Contraction; 2. Absorption; 3. Transformation of Fructose into Glucose; 4. Utilizability of Acetyl Phosphate and of Acetyl Phosphates for Biosynthesis; VIII. Group Transfer as General Metabolic Reaction; 1. Amination and Transamination; 2. Transmethylation; 3. Transamidation; Bibliography; The Chemical Nature of Catalase; 1. Introduction; 2. Occurrence of Catalase; 3. Physiological Role of Catalase; 4. The Stability of Catalase; 5. The Inactivation of Catalase by Trypsin; 6. The Determination of Catalase Activity and Purity
7. The Immunochemistry of Catalase8. Can Catalase Be Resynthesized after Dissociation?; 9. The Absorption Bands of Catalase; 10. Theories of the Mechanism of Catalase Action; 11. The Blue Substance Produced from Catalase; 12. Crystalline Beef Liver Catalase; 13. Agner's Catalase Preparations; 14. Is Horse Liver Catalase More Active than Beef Liver Catalase?; 15. The Homogeneity of Crystalline Catalase; 16. Are There Several Catalases, Depending upon the Number of Intact Hemin Residues?; Bibliography; Enzymes and Trace Substances; Bibliography; Photosynthesis, Facts and Interpretations
I. Quantum Efficiency

Sommario/riassunto

Advances in Enzymology and Related Areas of Molecular Biology is a seminal series in the field of biochemistry, offering researchers access to authoritative reviews of the latest discoveries in all areas of enzymology and molecular biology. These landmark volumes date back to 1941, providing an unrivaled view of the historical development of enzymology. The series offers researchers the latest understanding of enzymes, their mechanisms, reactions and evolution, roles in complex biological process, and their application in both the laboratory and industry. Each volume in the series featu

2. Record Nr.	UNINA9910145968103321
Titolo	Ricerche di pedagogia e didattica
Pubbl/distr/stampa	Bologna, Italia, : Dipartimento di Scienze dell'Educazione, [2006]-
Descrizione fisica	1 online resource (volumes)
Disciplina	370.105
Soggetti	Education Periodicals.
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Refereed/Peer-reviewed