

1. Record Nr.	UNINA9911019254303321
Titolo	Advances in enzymology and related areas of molecular biology . Volume 73 Mechanisms of enzyme action . Part A // edited by Daniel L. Purich
Pubbl/distr/stampa	New York, : Wiley, 1999
ISBN	1-282-30129-2 9786612301292 0-470-12319-2 0-470-12396-6
Descrizione fisica	1 online resource (302 p.)
Collana	Advances in enzymology and related areas of molecular biology ; ; 73/A
Altri autori (Persone)	PurichDaniel L
Disciplina	572.7 612.0151
Soggetti	Clinical enzymology Enzymes
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; CONTENTS; Preface; Abstracts; Classics in Enzymology: The Kinetics of the Enzyme-Substrate Compound of Peroxidase; Rethinking Fundamentals of Enzyme Action; Adenylosuccinate Synthetase: Recent Developments; Nucleoside Monophosphate Kinases: Structure, Mechanism, and Substrate Specificity; Enzymology of NAD+ Synthesis; Solution Structure and Mechanism of MutT Pyrophosphohydrolase; The Enzymes of Glutathione Synthesis: $\gamma$ -Glutamylcysteine Synthetase; Author Index; Subject Index
Sommario/riassunto	Biological catalysis plays a dominant role both in fermentation and industrial process chemistry. This collection of chapters, written by a well-known biochemist and enzymologist, should serve as an invaluable reference to those investigators seeking to optimize the application of enzymatic catalysis for commercial purposes.