

1. Record Nr.	UNINA9910454061003321
Autore	John Rufus, Bishop of Maiuma, <fl. 476-518.>
Titolo	The lives of Peter the Iberian, Theodosius of Jerusalem, and the Monk Romanus [[electronic resource] /] / John Rufus ; edited and translated with an introduction and notes by Cornelia B. Horn and Robert R. Phenix Jr
Pubbl/distr/stampa	Atlanta, GA, : Society of Biblical Literature, c2008
ISBN	1-58983-431-3
Descrizione fisica	1 online resource (xcii, 370 p.)
Collana	Society of Biblical Literature. Writings from the Greco-Roman world. ; ; no. 24
Altri autori (Persone)	HornCornelia B PhenixRobert R John Rufus, Bishop of Maiuma, <fl. 476-518.>
Disciplina	270.2092/2 B
Soggetti	Monasticism and religious orders - Iberia (Kingdom) - History - Early church, ca. 30-600 Monasticism and religious orders - Palestine - History - Early church, ca. 30-600 Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Also published in hardback: Leiden ; Boston : Brill, 2008.
Nota di bibliografia	Includes bibliographical references (p. [303]-335) and indexes.
Nota di contenuto	The context of the history of Georgia from the fourth to the sixth centuries -- Christianity and monasticism in Georgia in the fourth and fifth centuries -- Peter's genealogy in the Life of Peter the Iberian : hagiographic ancestry -- The history of the christological controversies and their context in Palestine from the fourth to the sixth centuries -- Monasticism in fifth-century Palestine -- On the death of Theodosius -- The anti-chalcedonian defeat in Palestine -- Authorship -- John Rufus -- Rhetoric and genre in the Life of Peter the Iberian -- Text-critical overview -- Versions and original text -- Synopsis of the Vita Petri Iberi and the De obitu Theodosii -- Outline of the Vita Petri Iberi -- Outline of the De obitu Theodosii -- Genealogical tables of the families of Peter the Iberian and Zuzo -- Chronological timeline -- Texts and translations -- Life of Peter the Iberian -- On the death of Theodosius.

2. Record Nr.	UNINA9910830040103321
Titolo	Modern biocatalysis [[electronic resource]] : stereoselective and environmentally friendly reactions / / edited by Wolf-Dieter Fessner and Thorleif Anthonsen
Pubbl/distr/stampa	Weinheim, : Wiley-VCH, c2009
ISBN	1-282-02547-3 9786612025471 3-527-62383-3 3-527-62384-1
Descrizione fisica	1 online resource (401 p.)
Classificazione	58.30 35.17
Altri autori (Persone)	FessnerW.-D (Wolf-Dieter) AnthonsenThorleif
Disciplina	660.634
Soggetti	Enzymes - Biotechnology Catalysis
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	Modern Biocatalysis; Contents; Preface; List of Contributors; 1: Fluorescence Assays for Biotransformations; 1.1 Introduction; 1.2 Alcohol Dehydrogenases (ADHs) and Aldolases; 1.2.1 Chiral Fluorogenic ADH Substrates; 1.2.2 Fluorogenic Aldolase Probes; 1.2.3 Transaldolases and Transketolases; 1.2.4 Enolase Probe; 1.3 Lipases and Esterases; 1.3.1 Assays on Solid Support; 1.3.2 The Clips-O Substrates with Periodate; 1.3.3 Esters of Fluorogenic Cyanohydrins and Hydroxyketones; 1.3.4 Fluorogenic Acyloxymethyl Ethers; 1.3.5 FRET-Lipase Probes; 1.4 Other Hydrolases; 1.4.1 Epoxide Hydrolases 1.4.2 Amidases and Proteases1.4.3 Phosphatases; 1.5 Baeyer-Villigerases; 1.6 Conclusion; Acknowledgment; References; 2: Immobilization as a Tool for Improving Enzymes; 2.1 Introduction; 2.2 Adsorption/Electrostatic Interactions; 2.2.1 Van der Waals Interactions; 2.2.2 Hydrogen Bonds; 2.2.3 Ionic Interactions; 2.3 Encapsulation; 2.4 Covalent Binding/Cross-linking; 2.5 Conclusion; Acknowledgments; References; 3: Continuous-flow Microchannel Reactors with Surface-

immobilized Biocatalysts; 3.1 Introduction
3.2 Biocatalytic Synthesis Using Microreaction Technology with Free and Immobilized Enzymes
3.3 Novel Microfluidic Immobilized Enzyme Reactors; 3.3.1 Microreactor Design; 3.3.2 Enzyme Immobilization; 3.4 Enzymatic Hydrolysis of Lactose; 3.4.1 Catalytic Effectiveness of Immobilized CelB; 3.4.2 Continuous Conversion of Lactose; 3.5 Biocatalytic Process Intensification Using Microreaction Technology; 3.6 Conclusions and Outlook; Acknowledgements; References; 4: Activity and Stability of Proteases in Hydrophilic Solvents; 4.1 Introduction
4.2 Activity and Selectivity of Proteases in Synthesis of Carbohydrate Fatty Acid Esters
4.3 Enzyme Stability and Conformation; 4.4 Solvent Engineering; 4.5 Conclusion; References; 5: Importance of Enzyme Formulation for the Activity and Enantioselectivity of Lipases in Organic Solvents; 5.1 Introduction; 5.2 Lipase Formulations and their Activity and Enantioselectivity in Neat Organic Solvent; 5.3 Why do Additives Affect the Activity and Enantioselectivity of Lipases in Organic Solvent?; 5.4 Conclusions; References
6: Direct Esterification with Dry Mycelia of Molds: a (Stereo)selective, Mild and Efficient Method for Obtaining Structurally Diverse Esters
6.1 Mycelia and Biotransformations in Organic Media; 6.2 Screening and Microbiological Aspects; 6.3 Production of Acetates; 6.4 Stereoselective Esterifications of Racemic Alcohols; 6.5 Stereoselective Esterifications of Racemic Carboxylic Acids; 6.6 Partition Phenomena and Equilibrium of Esterification Reactions; 6.7 Conclusions; References; 7: Factors Affecting Enantioselectivity: Allosteric Effects; 7.1 How to Provide Enantiopure Compounds
7.1.1 Kinetic Resolution of Racemic Mixtures Catalyzed by Enzymes

Sommario/riassunto

This reference covers the wide and rapidly growing field of biocatalysis. It combines complementary expertise from such areas as microbiology, enzymology, molecular biology structural biology and organic chemistry, thus highlighting the interdisciplinary nature of the subject. With its special focus on progress and new developments towards environmentally beneficial reactions with high levels of selectivity for the production of key compound classes, this book will enlighten both chemists and biologists as to the advances and opportunities existing in enzyme catalysis.
