

1. Record Nr.	UNINA9910367757603321
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Titolo	Recent Advances in Biocatalysis and Metabolic Engineering for Biomanufacturing / Eun Yeol Lee
Pubbl/distr/stampa	MDPI - Multidisciplinary Digital Publishing Institute, 2019 Basel, Switzerland : , : MDPI, , 2019
ISBN	9783039215751 3039215752
Descrizione fisica	1 electronic resource (278 p.)
Soggetti	Biotechnology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>The use of biocatalysts, including enzymes and metabolically engineered cells, has attracted a great deal of attention in the chemical and bio-industry, because biocatalytic reactions can be conducted under environmentally-benign conditions and in more sustainable ways. The catalytic efficiency and chemo-, regio-, and stereo-selectivity of enzymes can be enhanced and modulated using protein engineering. Metabolic engineering seeks to enhance cellular biosynthetic productivity of target metabolites via controlling and redesigning metabolic pathways using multi-omics analysis, genome-scale modeling, metabolic flux control, and reconstruction of novel pathways. The aim of this book is to cover the recent advances in biocatalysis and metabolic engineering for biomanufacturing of biofuels, chemicals, biomaterials, and pharmaceuticals. Reviews and original research articles on the development of new strategies to improve the catalytic efficiency of enzymes, biosynthetic capability of cell factories, and their applications in production of various bioproducts and chemicals are included.</p>

2. Record Nr.	UNINA9910895751103321
Titolo	Rapport annuel de la Banque de la République du Burundi
Pubbl/distr/stampa	[Bujumbura?], : [Banque de la République du Burundi]
Descrizione fisica	1 online resource
Disciplina	332.1/1/0967572
Soggetti	Economic history Zentralbank Wirtschaftslage Burundi Periodicals. Burundi Economic conditions Periodicals Burundi
Lingua di pubblicazione	Francese
Formato	Materiale a stampa
Livello bibliografico	Periodico