

1. Record Nr.	UNINA9910959140803321
Titolo	Oligosaccharides : sources, properties, and applications / / Nicole S. Gordon, editor
Pubbl/distr/stampa	New York, : Nova Science Publishers, c2011
ISBN	1-61122-424-1
Edizione	[1st ed.]
Descrizione fisica	1 online resource (318 p.)
Collana	Biochemistry research trends
Altri autori (Persone)	GordonNicole S
Disciplina	572/.565
Soggetti	Oligosaccharides Carbohydrates
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	Milk oligosaccharides / Tadasu Urashima ... [et al.] -- Prebiotic oligosaccharides : origins and production, health benefits, and commercial applications / Santad Wichienchot, Pavinee Chinachoti -- Glycoside hydrolases from hyperthermophiles : structure, function, and exploitation in oligosaccharide synthesis -- Beatrice Cobucci-Ponzano, Mose Rossi, Marco Moracci -- Enzymatic synthesis of linear, cyclic, and complex type oligosaccharides / Piamsook Pongsawasdi, Kazuo Ito -- Precursor N-linked oligosaccharides as codes for glycoprotein folding status / Gerardo Z. Lederkremer -- Oligosaccharides from sucrose via glykansucrases / Gregory L. Cote -- Electrospray mass spectrometry of oligosaccharides of plant origin / Maria do Rosario M. Domingues, Fernando M. Nunes, Manuel A. Coimbra -- Biologically active oligosaccharide functions in plant cell : updates and prospects / Olga A. Zabolina and Aleksey I. Zabolin -- The Mannan oligosaccharides in aquaculture / Huynh Minh Sang, Ravi Fotedar -- Facile synthesis of unnatural oligosaccharides by phosphorylase-catalyzed enzymatic glycosylations using new glycosyl donors / Jun-ichi Kadokawa -- Oligosaccharides : sources, properties and applications / Kaoshan Chen, Yungui Bai.
Sommario/riassunto	An oligosaccharide is a saccharide polymer containing a small number of component sugars, also known as simple sugars (monosaccharides). This book presents topical research data in the study of oligosaccharides, including the study of human and bovine milk

oligosaccharides; oligosaccharides from sucrose via glycosucrases;
and, more.
