

1. Record Nr.	UNINA9910298586503321
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Titolo	Polysaccharides as Battery Components // by Stefan Spirk
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	3-319-65969-3
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (XI, 59 p. 23 illus.)
Collana	Biobased Polymers, , 2510-3407
Disciplina	661.8
Soggetti	Energy storage Electrochemistry Energy systems Surfaces (Physics) Interfaces (Physical sciences) Thin films Renewable energy resources Energy Storage Energy Systems Surface and Interface Science, Thin Films Renewable and Green Energy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Introduction -- Basic considerations for battery components -- Polysaccharides in batteries -- Potential Materials -- Pyrolyzed polysaccharides.-Applications -- Organic Radical batteries.
Sommario/riassunto	The brief gives a comprehensive overview of the polysaccharide applications in the field of battery materials. Included is a historic overview as well as recent developments in the field including new battery types and chemistries. Written in an accessible style by academics, it is aimed at those new to the field as well as individuals who have interest in novel polysaccharide applications. Aimed at advanced undergraduates, academic and industrial researchers and professionals studying or using biobased polymers.

