

1. Record Nr.	UNINA9910270875403321
Titolo	Printed batteries : materials, technologies and applications // edited by Senentxu Lanceros-Mendez, Carlos Miguel Costa
Pubbl/distr/stampa	Hoboken, New Jersey : , : Wiley, , 2018 ©2018
ISBN	1-119-28789-8 1-5231-2374-5 1-119-28788-X 1-119-28790-1
Descrizione fisica	1 online resource (273 pages) : ilustrations, tables
Disciplina	621.312424
Soggetti	Electric batteries Three-dimensional printing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Printed batteries : an overview / J. Oliveira, C.M. Costa, S. Lanceros-Mendez -- Printing techniques for batteries / A. Willert, A.-T. Tran-Le, K.Y. Mitra, M. Clair, C.M. Costa, S. Lanceros-Mendez, R.R. Baumann -- The influence of slurry rheology on lithium-ion electrode processing / T.-J. Liu, C. Tiu, L.-C. Chen, D. Liu -- Polymer electrolytes for printed batteries / E. Strauss, S. Menkin, D. Golodnitsky -- Design of printed batteries : from chemistry to aesthetics / K.-H. Choi, S.-Y. Lee -- Applications of printed batteries / A.M. Gaikwad, A.E. Ostfeld, A.C. Arias -- Industrial perspective on printed batteries / P. Rassek, M. Wendler, M. Krebs -- Open questions, challenges and outlook / C.M. Costa, J. Oliveira, S. Lanceros-Mendez.