

1. Record Nr.	UNINA9910818856703321
Titolo	Advances in electrochemical sciences and engineering . Volume 16 Electrochemistry of carbon electrodes // edited by Richard C. Alkire, Philip N. Bartlett and Jacek Lipkowski ; contributors Muhammad Tanzirul Alam [and thirty seven others]
Pubbl/distr/stampa	Weinheim, Germany : , : Wiley-VCH Verlag GmbH & Co. KGaA, , 2015 ©2015
ISBN	3-527-69748-9 3-527-69751-9 3-527-69750-0
Descrizione fisica	1 online resource (560 p.)
Collana	Advances in Electrochemical Sciences and Engineering
Disciplina	541.37
Soggetti	Electrochemistry Electrochemical analysis
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 at the end of each chapters and index.
Nota di contenuto	Properties of Carbon: An Overview / Shengxi Huang, Johan Ek Weis, Sara Costa, Martin Kalbac, Mildred S Dresselhaus -- Electrochemistry at Highly Oriented Pyrolytic Graphite (HOPG): Toward a New Perspective / Aleix G Guell, Sze-yin Tan, Patrick R Unwin, Guohui Zhang -- Electrochemistry in One Dimension: Applications of Carbon Nanotubes / Emiliano N Primo, Fabiana Gutierrez, Maria D Rubianes, Nancy F Ferreya, Marcela C Rodriguez, Maria L Pedano, Aurelien Gasnier, Alejandro Gutierrez, Marcos Eguilaz, Pablo Dalmaso, Guillermina Luque, Soledad Bollo, Concepcion Parrado, Gustavo A Rivas -- Electrochemistry of Graphene / Hollie V Patten, Matej Velicky, Robert AW Dryfe -- The Use of Conducting Diamond in Electrochemistry / Julie V Macpherson -- Modification of Carbon Electrode Surfaces / Muhammad Tanzirul Alam, J Justin Gooding -- Carbon Materials in Low-Temperature Polymer Electrolyte Membrane Fuel Cells / Michael Bron, Christina Roth -- Electrochemical Capacitors Based on Carbon Electrodes in Aqueous Electrolytes / Elzbieta Frackowiak, Paula Ratajczak, Francois Beguin -- Carbon Electrodes in Electrochemical

Technology / Derek Pletcher -- Carbon Electrodes in Molecular
Electronics / Adam Johan Bergren, Oleksii Ivashenko -- Carbon Paste
Electrodes / Ivan Svancara, Kurt Kalcher -- Screen-Printed Carbon
Electrodes / Stephen Fletcher.
