1. Record Nr. UNINA9910699105703321

Autore	Selbig W. R
Titolo	Concentrations of polycyclic aromatic hydrocarbons (PAHs) in urban stormwater, Madison, Wisconsin, 2005-08 [[electronic resource] /] / by William R. Selbig ; in cooperation with the Wisconsin Department of Natural Resources and the Minnesota Pollution Control Agency
Pubbl/distr/stampa	Reston, Va. : , : U.S. Geological Survey, , 2009
Descrizione fisica	1 online resource (iv, 46 pages) : illustrations, maps
Collana	Open-file report ; ; 2009-1077
Soggetti	Polycyclic aromatic hydrocarbons - Environmental aspects - Wisconsin - Madison Runoff - Environmental aspects - Wisconsin - Madison - Measurement
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed Sept. 11, 2009).
Nota di bibliografia	Includes bibliographical references (page 26).

2. Record Nr. UNINA9910298462003321

Autore	Brownson Dale A. C.
Titolo	The Handbook of Graphene Electrochemistry / / by Dale A. C. Brownson, Craig E. Banks
Pubbl/distr/stampa	London : , : Springer London : , : Imprint : Springer, , 2014
ISBN	1-4471-6428-8
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (208 p.)
Disciplina	54 540.151 541.37 620.11295
Soggetti	Electrochemistry Optical materials Energy storage Electronics Optical Materials Mechanical and Thermal Energy Storage Electronics and Microelectronics, Instrumentation
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.
Nota di contenuto	1 Introduction to graphene -- 2 Interpreting electrochemistry -- 3 The electrochemistry of graphene -- 4 Graphene applications.
Sommario/riassunto	Graphene has grasped the attention of academia and industry world-wide due its unique structure and reported advantageous properties. This was reflected via the 2010 Nobel Prize in Physics being awarded for groundbreaking experiments regarding the two-dimensional material graphene. One particular area in which graphene has been extensively explored is electrochemistry where it is potentially the world’s thinnest electrode material. Graphene has been widely reported to perform beneficially over existing electrode materials when used within energy production or storage devices and when utilised to fabricate electrochemical sensors. This book charts the history of graphene, depicting how it has made an impact in the field of

electrochemistry and how scientists are trying to unravel its unique properties, which has, surprisingly led to its fall from grace in some areas. A fundamental introduction into Graphene Electrochemistry is given, through which readers can acquire the tools required to effectively explain and interpret the vast array of graphene literature. The readers is provided with the appropriate insights required to be able to design and implement diligent electrochemical experiments when utilising graphene as an electrode material.