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Titolo	Green materials for electronics / / edited by Mihai Irimia-Vladu [and three others]
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ISBN	1-5231-2168-8 3-527-69293-2 3-527-69296-7 3-527-69295-9
Edizione	[1st edition]
Descrizione fisica	1 online resource (1 volume) : illustrations
Disciplina	621.381
Soggetti	Green electronics Electronics - Materials - Environmental aspects Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Date of publication from resource description page.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Emerging "Green" Materials and Technologies for Electronics / Melanie Baumgartner, Maria E Coppola, Niyazi S Sariciftci, Eric D Glowacki, Siegfried Bauer, Mihai Irimia-Vladu -- Fabrication Approaches for Conducting Polymer Devices / Dimitrios A Koutsouras, Eloïse Bihar, Jessamyn A Fairfield, Mohamed Saadaoui, George G Malliaras -- Biocompatible Circuits for Human-Machine Interfacing / Erik O Gabrielsson, Daniel T Simon, Magnus Berggren -- Biocompatible Devices and Sustainable Processes for Green Electronics / Kyriaki Manoli, Mohammad Yusuf Mulla, Preethi Seshadri, Amber Tiwari, Mandeep Singh, Maria Magliulo, Gerardo Palazzo, Luisa Torsi -- Biocompatible Materials for Transient Electronics / Suk-Won Hwang, John A Rogers -- Paper Electronics / Martti Toivakka, Jouko Peltonen, Ronald Österbacka -- Engineering DNA and Nucleobases for Present and Future Device Applications / Eliot F Gomez, Andrew J Steckl -- Grotthuss Mechanism: From Proton Transport in Ion Channels to Bioprotonic Devices / Takeo Miyake, Marco Rolandi -- Emulating

	Natural Photosynthetic Apparatus by Employing Synthetic Membrane Proteins in Polymeric Membranes / Cherng-Wen Darren Tan, Eva-Kathrin Sinner -- Organic Optoelectronic Interfaces for Vision Restoration / Andrea Desii, Maria R Antognazza, Fabio Benfenati, Guglielmo Lanzani -- Nanostructured Silica from Diatoms Microalgae: Smart Materials for Photonics and Electronics / Roberta Ragni, Stefania R Cicco, Danilo Vona, Gianluca M Farinola.
Sommario/riassunto	Combining the materials science, technological, and device aspects of organic bioelectronics based on green materials, this is the first overview of the emerging concepts involving fabrication techniques for sustainable electronics with low energy and material consumption. With contributions from top-notch editors and authors, in one focus, the book covers a collection of natural materials suited for electronics applications such as paper, silk, melanin, DNA and nucleobases, resins, gums, saccharides, cellulose, gelatine and peptides. In another thrust, the book focuses on device fabrication based on these materials, including processing aspects, and applications such as sensors, signal transducers, transient, implantable and digestible electronics. With its interdisciplinary approach this text will appeal to the chemistry, physics, materials science, and engineering communities.

2. Record Nr. UNINA9910791459603321

Titolo	Issues in teaching numeracy in primary schools [[electronic resource] /] / edited by Ian Thompson
Pubbl/distr/stampa	Berkshire, England, : McGraw-Hill, Open University Press, 2010
ISBN	9780335241545 (ebook)
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (270 p.)
Altri autori (Persone)	ThompsonIan
Disciplina	372.72
Soggetti	Mathematics - Study and teaching (Primary)
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	section 1. Setting the context -- section 2. Post-Williams issues -- section 3. Assessment issues -- section 4. Calculation issues -- section 5. Special needs issues.
Sommario/riassunto	Issues in Teaching Numeracy in Primary Schools, 2e presents an accessible guide to current British and Dutch research into numeracy teaching.