1. Record Nr. UNINA9910647257803321

Autore	Wendo Charles
Titolo	Science Communication Skills For Journalists : A Resource Book for Universities In Africa / / Charles Wendo
Pubbl/distr/stampa	Wallingford : , : CABI, , 2022
Descrizione fisica	1 online resource (30 pages)
Disciplina	501.4
Soggetti	Science journalism Communication in science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Part I: Theory and experience Chapter 1: What is scientific research and how is it conducted? Chapter 2: Theories and models of science communication Chapter 3: Current status and future of science communication in Africa Chapter 4: Science communication in Uganda: revising a university curriculum to meet the needs Chapter 5: Thinking across boundaries: interdisciplinarity as the basis of science journalism Chapter 6: The place of science in the African newsroom Part II: Science journalism practice Chapter 7: Working with scientists Chapter 8: Getting a story from an original research paper Chapter 9: Getting a science story from technical reports Chapter 10: Advanced technical skills for science reporting Chapter 11: Reporting science responsibly Chapter 12: Simplifying scientific facts, numbers and statistics Chapter 13: Packaging a science story Chapter 14: Bringing a science story to life Chapter 15: Interrogating science Chapter 16: Earning a living from science journalism.
Sommario/riassunto	This book covers science communication skills and provides hands-on guidance together with examples, learning activities, graded and ungraded quizzes to facilitate learning. There are five academic review papers reflecting on key science journalism and communication issues in Africa.

2. Record Nr. UNINA9910882890103321

Autore	Farooq Amjad
Titolo	Deep Eutectic Solvents in the Textile Industry / / by Amjad Farooq, Hafeezullah Memon, Aamir Farooq, Zongqian Wang
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024
ISBN	981-9764-33-5
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (100 pages)
Disciplina	572.56682
Soggetti	Nanochemistry Reaction mechanisms (Chemistry) Green chemistry Building materials Reaction Mechanisms Green Chemistry Wood, fabric, and textiles
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Chapter 1 Introduction -- Chapter 2 Nanocellulose isolation techniques 20 -- Chapter 3 Characteristics of deep eutectic solvents.
Sommario/riassunto	This book comprehensively explores the fascinating intersection of deep eutectic solvents (DES) and nanocellulose, focusing specifically on their extraction methods and textile applications. It delves into the revolutionary role of deep eutectic solvents in nanocellulose extraction. Deep eutectic solvents are a class of non-toxic, low-cost, and environmentally friendly solvents formed by combining hydrogen bond donors and acceptors. They possess unique properties that make them highly suitable for dissolving cellulose and facilitating nanocellulose extraction with enhanced efficiency and sustainability. The book begins by providing a thorough overview of nanocellulose, its types, properties, and potential applications in the textile industry. It then delves into the fundamentals of deep eutectic solvents, their composition, properties, and synthesis methods. The subsequent chapters focus on the extraction techniques and strategies employed to obtain nanocellulose using deep eutectic solvents, highlighting the

advantages and challenges associated with each method. It also discusses the potential modifications and functionalizations of nanocellulose to enhance its compatibility with textile applications, such as surface grafting, blending, and composite formation. The last part of the book shifts its focus to the applications of deep eutectic solvents in the textile industries. It explores the textile materials fibers, yarns, fabrics, and modification and dyeing and highlights the resulting improvements in mechanical strength, moisture management, thermal insulation, and UV protection.