

1. Record Nr.	UNINA9910686775703321
Titolo	Springer handbook of wood science and technology / / edited by Peter Niemz, Alfred Teischinger, and Dick Sandberg
Pubbl/distr/stampa	Cham, Switzerland : , : Springer Nature Switzerland AG, , [2023] ©2023
ISBN	3-030-81315-0
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (XXV, 2069 p. 2154 illus., 2137 illus. in color.)
Collana	Springer Handbooks, , 2522-8706
Disciplina	674.8
Soggetti	Wood products
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	A survey to forests and wood production -- PART A: Wood science -- Wood biology -- Wood biodeterioration.-Wood chemistry -- Physics of woods and wood-based materials -- Modeling the mechanical behavior of wood materials and structures -- Part B: Fundamentals of wood technology -- Basic processes -- Cutting and disintegration -- Drying and steaming -- Joining and reassembling -- Surface treatment and functionalization -- Preservation -- Reshaping and densification -- Measurement and quality assessment -- Part C: Industrial processes and materials -- Saw milling -- Lumber drying and steaming -- Wood-based materials -- Bioinspired materials -- Pulp and paper -- Natural fibre-based materials -- Utilization of wood for energy -- Wood biorefineries -- Process organization, automation and optimization -- Part D: Wood product development -- Wood product design -- Environmental impacts and life cycle analysis -- Part E: Important data -- Physical properties -- Relevant standards -- Chemical composition for selected species -- Thermal properties.
Sommario/riassunto	This handbook provides an overview on wood science and technology of unparalleled comprehensiveness and international validity. It describes the fundamental wood biology, chemistry and physics, as well as structure-property relations of wood and wood-based materials. The different aspects and steps of wood processing are presented in detail from both a fundamental technological perspective and their realisation in industrial contexts. The discussed industrial

processes extend beyond sawmilling and the manufacturing of adhesively bonded wood products to the processing of the various wood-based materials, including pulp and paper, natural fibre materials and aspects of bio-refinery. Core concepts of wood applications, quality and life cycle assessment of this important natural resource are presented. The book concludes with a useful compilation of fundamental material parameters and data as well as a glossary of terms in accordance with the most important industry standards. Written and edited by a truly international team of experts from academia, research institutes and industry, thoroughly reviewed by external colleagues, this handbook is well-attuned to educational demands, as well as providing a summary of state-of-the-art research trends and industrial requirements. It is an invaluable resource for all professionals in research and development, and engineers in practise in the field of wood science and technology.

2. Record Nr.	UNINA9910793668703321
Autore	Carter Chris
Titolo	Critical care nursing in resource limited environments / / Chris Carter
Pubbl/distr/stampa	London ; ; New York, New York : , : Routledge, , 2019
ISBN	1-315-10677-9 1-351-60513-5 1-351-60514-3
Descrizione fisica	1 online resource (357 pages)
Disciplina	362.1
Soggetti	Health care rationing Critical Care Nursing - economics Nursing Care - methods Health Resources - economics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Global health and United Nations Sustainable Development Goals -- Surgical care -- Choosing to work internationally -- Project

management -- Critical care in resource limited environments --
Military critical care -- Infection prevention control considerations --
Managing a major incident in critical care -- Assessment of the
critically ill patient -- Medicines management and useful calculations
-- In-hospital resuscitation -- Airway management -- Oxygen and
mechanical ventilation -- Cardiac monitoring and arrhythmias -- Acute
kidney injury -- Sepsis -- Vascular access -- Pain management and
sedation -- Nutrition, rehabilitation and discharge from critical care --
Critical care transfer -- Human immunodeficiency virus (HIV)/acquired
immune deficiency syndrome (AIDS) -- Tuberculosis -- Tetanus --
Viral haemorrhagic fevers -- Cholera and typhoid -- Influenza --
Malaria -- Sickle cell disease -- Poisoning -- Diabetes mellitus --
Hypertension and acute stroke -- Snake and scorpion bites -- Trauma
care -- Burns care -- Principles of post-operative care -- Wound care
-- Paediatrics -- Women's and maternal emergencies.
