

1. Record Nr.	UNINA9910785726303321
Titolo	Eco-dyeing, finishing and green chemistry : selected, peer reviewed papers from the 2011 International Conference on Eco-Dyeing, Finishing, and Green Chemistry (EDFGC 2011), June 8-12, 2011, Hangzhou, China // edited by Jianzhong Shao and Qinguo Fan
Pubbl/distr/stampa	Zurich, Switzerland : , : Trans Tech Publications, , 2012 ©2012
ISBN	3-03813-786-3
Descrizione fisica	1 online resource (811 p.)
Collana	Advanced Materials Research, , 1022-6680 ; ; Volume 441
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Disciplina	677.00286
Soggetti	Textile industry - Environmental aspects Dyes and dyeing Textile industry Textile fabrics Textile fibers
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 indexes.
Nota di contenuto	Eco-Dyeing, Finishing and Green Chemistry; Preface, Committees and Sponsors; Table of Contents; Chapter 1:Textile Eco-Dyeing & Finishing; Sustainable Cotton Dyeing; Non-Formaldehyde Polyfunctional Crosslinking System for Cotton; The Development of a Bio-Scouring Process for Raw Wool Using Protease; Effects of Solvents on the Electrical Resistance of Poly(3,4-ethylenedioxythiophene) on Textiles; Present State of Inkjet Printing Technology for Textile; Colouring by Using Biobased Materials; Functional Finishes for Wool-Eco Considerations Influence of Low Temperature Dyeing Process on Physical and Mechanical Properties of Cashmere Knitwear Treatment of Wool Fabrics by Argon Atmospheric Pressure Low Temperature Plasma and its Dyeing; A Study on Supercritical CO2 Dyeing of Milk Protein Fiber with Capsanthin and its Function; Research on the Dyeing Property of

Natural Food Pigments on Cotton Fabric; Dyeing of Polyester/Cotton Blends with Encapsulated Disperse/Reactive Dyes for a One-Bath Auxiliary-Free Process; Dyeing of Pearl Fiber by Walnut Peel Dye Studies on Crosslinking Dyeing of a Series of Crosslinking Dyes by a Crosslinker The Process of Silk Fabric Printed with Mulberry Red; Dyeing Silk with Tea Polyphenol; Effect of Soaping Process on Crimp Properties of Optim Wool; The Effect of Mordan Complexation of Natural Pigments on the Dyeing of Wool Dyeing of Natural Pigments; The Effect of Different Plasma Treatments on the Pigment Dyeing of Cotton Fabrics; Application of Immobilized Cellulases on Ramie Fabric Finishing; Ultrasonic Assisted Alkali-Oxidation Process for the Degumming of Kudzu Fiber
Adsorption Behavior of Annatto Dye on Cotton Fabrics Modified by Sericin Study on One-Bath Dyeing Technology and its Application for Disperse/Reactive Dyes on Polyester/Viscose Blended Fabrics; A Study on Ultrasonic Technology in Silk Degumming; Semen Litchi Extract Dyeing on Silk Fabrics; Reaction of a Heterobifunctional Reactive Dye (C.I. Reactive Red 195) with Amino Groups and Phenol Groups; Non-Aqueous Dyeing of Reactive Dyes in D5; Preparation of Organic Pigment Microcapsules and its Application in Pigment Printing of Silk Fabric Short-Flow and High-Efficiency Dyeing Process of Sulfur Black on Cotton Fabrics Dyeing of Silk with Natural Plant Extract from *Rhizoma picrorhizae*; Physical Properties and Dyeing Behavior of the Hollow-Triangle Nylon6 Fiber; Fading of Silk Fabric Dyed with Phellodendron; Effects of Polar Solvent on the Structure and Properties of M-Aramid Fibers; Effect of Cellulase Hydrolysis on Dyeing Properties of Linen; One-Step Ink-Jet Printing and Anti-Crease Finishing for Silk; Bring Structural Color to Silk Fabrics; Color Fading of Indigo-Dyed Cotton Denim Fabric by Laser
Stabilization of Natural Dyes by High Levels of Antioxidants

Sommario/riassunto

EDFGC is an international conference series covering research and development in the fields of textile dyeing/finishing and green chemistry. With its theme of "Innovation, Eco-Textile and Sustainability", the 2011 conference provided a platform for the presentation of research findings, the exchange of innovative ideas and the seeking-out of opportunities for collaboration, in the above fields, among both academics and industrialists all over the world. The proceedings of EDFGC 2011 include Eco-Dyeing & Finishing, Functional Textiles, Green Chemistry and Functional Chemicals, Pollution Contr
