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Differential Expression of Stage-Specific Fat Body Proteins during Larval-Pupal Period in Silkworm (Bombyx mori)Expression, Purification and Preparation of Polyclonal Antibody of Bombyx mori Serpin-6; Chapter 2: Textile and Silk Materials Science, Properties; Observations of Skin Tissue Regenerations in Biomaterial Scaffolds with Different Biodegradability; Recombinant Cloning of Gene Sequence Encoding Silk Fibroin Heavy Chain; Fabrication and Characterization of Alginate Fibers by Wet-Spinning
Preparation and Application of Low Molecular Weight Chitosan Nanoparticle as a Textile Finishing AgentResearch on Anti-UV and Anti-Bacterial Properties of Multi-Functional Finishing on Silk Fabric with Nano-MgO; Synthesis of Monodisperse Rod-Like Nano-AlOOH and Anti-Ultraviolet Finishing on Silk-Cotton Fabrics; Conformational Transition of Regenerated Spider Silk in Water; Study on Silk Fibroin D-Mannose Blend Films; Study on Antheraea Pernyi Silk Fibroin Microspheres Carried Drug; Preparation of Silk Fibroin/Pearl Powder Blend Films
Effect of Glycerol on Structure and Properties of Silk Fibroin/Pearl Powder Blend FilmsPreparation and Characterization of pH-Responsive Poly(Vinyl-Alcohol)/Sodium Carboxymethylcellulose Nanofibers; Platelet Adhesion on the Silk Fibroin Material Surface; Research on the Magnetic Washing-Durability in the Surface of Fabric; The Influence of the Magnetic Fiber Content on Fabric Wearability; Research of Antibacterial Properties about Liquid Detergent on the Surface of the Silk Fabric; Study on Quality and Property of Fine-Denier Raw Silk; Study on Light Fastness of Natural Yellow Silk Fabric
Research on the Dynamic-Elegance Property of Fabric

Sommario/riassunto

Silk has a long history and profound cultures. The modern science and technology has injected new vitality into the traditional silk. Meanwhile, the economic globalization has promoted the academic communication and collaborative development of the international textiles and silk industry. The book focus on sericulture bioengineering, fiber materials and textile products, process technology & system engineering of textile and clothing, eco-textile & dyeing and finishing technology, clothing science and technology & fashion, trade & culture of textile and clothing, protective clothing, history