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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	INCORPORATION OF COPPER OXIDE INTO NATURAL AND SYNTHETIC FIBERS; BIOCIDAL PROPERTIES OF FABRICS CONTAINING COPPER OXIDE; CLINICAL STUDIES; DISCUSSION; REFERENCES; A REVIEW OF THE ROLE OF MICROWAVES IN THE DESTRUCTION OF PATHOGENIC BACTERIA; ABSTRACT; MICROWAVE INTERACTIONS WITH MATERIALS; FIXED FREQUENCY MICROWAVE INTERACTIONS WITH BACTERIA; WORK CARRIED OUT AT THE UNIVERSITY OF BOLTON; FLOW CYTOMETRY; CONCLUDING REMARKS; REFERENCES; ANTIMICROBIAL BIOACTIVE BAND-AIDS WITH PROLONGED AND CONTROLLED ACTION; ABSTRACT; INTRODUCTION; EXPERIMENTAL; EXPERIMENTAL RESULTS AND DISCUSSION; CONCLUSION REFERENCES COMPARISON OF ANTIMICROBIAL TEXTILE TREATMENTS; ABSTRACT; INTRODUCTION; MATERIALS AND METHODS; RESULTS AND DISCUSSION; CONCLUSIONS; ACKNOWLEDGEMENTS; REFERENCES; EVALUATION OF PLASMA-DEPOSITED ANTI-ADHESIVE AND ANTI-BACTERIAL COATINGS ON MEDICAL TEXTILES; ABSTRACT; PLASMA TREATMENT OF TEXTILES; X-RAY PHOTOELECTRON SPECTROSCOPY (XPS); TIME-OF-FLIGHT SECONDARY ION MASS SPECTROMETRY (ToFSIMS); REFERENCES; CONTROLLING THE SPREAD OF INFECTIONS IN HOSPITAL WARDS BY THE USE OF ANTIMICROBIALS ON MEDICAL TEXTILES AND SURFACES; ABSTRACT; INTRODUCTION;

MICROORGANISMS; ANTIMICROBLALS
ORGANOFUNCTIONAL SILANE ANTIMICROBIAL
TECHNOLOGYVERIFICATION TECHNIQUES AND SAFETY PROFILE;
POTENTIAL USES; HOSPITAL BLANKETS; NONWOVEN SURGICAL DRAPES;
WOUND CARE SILK DRESSINGS; CARPETING; UNIFORMS; SILICONE
RUBBER IMPLANTS; CASE STUDY: THE ARTHUR G. JAMES CANCER
CENTER HOSPITAL AND RESEARCH INSTITUTE; SUMMARY; REFERENCES;
INHERENTLY ANTIMICROBIAL ALCHITE FIBRES DEVELOPEDFOR WOUND
CARE APPLICATIONS; ABSTRACT; INTRODUCTION; PRODUCTION
METHODOLOGY; RESULTS AND DISCUSSION; CONCLUSION;
REFERENCES; ANTIMICROBIAL TEXTILES FOR HEALTH AND
HYGIENEAPPLICATIONS BASED ON ECO-FRIENDLYNATURAL PRODUCTS
ABSTRACTINTRODUCTION; NATURAL ANTIMICROBIAL AGENTS FOR
TEXTILE SUBSTRATES; ANTIMICROBIAL FINISHING OF TEXTILES BASED
ON NEEM EXTRACT; CONCLUSION; REFERENCES; INVESTIGATION OF THE
FILTRATION PROPERTIES OFMEDICAL MASKS; ABSTRACT;
INTRODUCTION; MATERIALS AND METHOD; RESULTS; CONCLUSION;
REFERENCES; LINT RELEASE CHARACTERISTICS OF NONWOVEN WIPES;
ABSTRACT; INTRODUCTION; DESIGN OF MEASUREMENT APPARATUS;
MATERIALS AND METHODS; RESULTS AND DISCUSSION; CONCLUSIONS;
DEVELOPMENT OF ANTIMICROBIAL POLYESTER USINGNEEM EXTRACT;
ABSTRACT; INTRODUCTION; MATERIALS; METHODS; RESULT AND
DISCUSSION; CONCLUSION
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Sommario/riassunto

Medical textiles remain one of the most dynamic areas of research in textiles. Medical and healthcare textiles is the fourth in a series of conferences held at the University of Bolton. Like its predecessors, it has attracted papers from some of the leading international centres of expertise in the field. Contributors cover a range of topics including emerging textile-based biomaterials, hygienic textiles, the use of textiles in infection control and as barrier materials, bandaging and pressure garments for managing chronic infections such as ulcers, the role of textiles in the management of b
