

1. Record Nr.	UNINA9910695771903321
Titolo	Hayman fire case study [[electronic resource]] : summary // Russell T. Graham, technical editor
Pubbl/distr/stampa	Fort Collins, CO : , : U.S. Dept. of Agriculture, Forest Service, Rocky Mountain Research Station, , [2003]
Descrizione fisica	32 pages : digital, PDF file
Collana	General technical report RMRS ; ; GTR-115
Altri autori (Persone)	GrahamRussell T
Soggetti	Wildfires - Colorado Wildfires - Social aspects - Colorado Wildfires - Economic aspects - Colorado Fire ecology - Colorado Forest management - Colorado
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from web page viewed Oct. 8, 2003. "September 2003."
Nota di bibliografia	Includes bibliographical references.

2. Record Nr.	UNINA9911020327003321
Titolo	Processing of nanoparticle structures and composites : a collection of papers presented at the 2008 Materials Science and Technology Conference (MS&T08) October 5-9, 2008, Pittsburgh, Pennsylvania // edited by Tom Hinklin, Kathy Lu
Pubbl/distr/stampa	Hoboken, N.J., : J. Wiley & Sons, c2009
ISBN	9786612689420 9781282689428 1282689428 9780470551523 0470551526 9780470551516 0470551518
Descrizione fisica	1 online resource (153 p.)
Collana	Ceramic transactions ; ; v. 208
Altri autori (Persone)	HinklinTom LuKathy
Disciplina	620.118 621.38152
Soggetti	Semiconductors Nanostructured materials
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Note generali	"From the Controlled Processing of Nanoparticle Structures and Composites symposia held during the 2008 Materials Science and Technology Conference (MS&T08), a joint meeting between ACerS, AIST, ASM International, and TMS"--Introd., p. vii.
Nota di bibliografia	Includes bibliographical references and author index.
Nota di contenuto	Processing of Nanoparticle Structures and Composites; Contents; Introduction; Nanoparticle-Based Bulk Material Templating; Controlling the Processing Parameters for Consolidation of Nanopowders into Bulk Nanostructured Material; Large-Scale (>1 GM) Synthesis of Single Grain Two-Phase BaTiO3-MnO 5ZnO 5Fe2O4 Nano-Composites with Controlled Shapes; Properties of Alumina Dielectrics via Ink Jet Process; Formation of Electrodeposited Ni-Al2O3 Composite Coatings; Characterization of Structures Grown Hydrothermally on Titanium Metal for Solar Application

Role of Lattice Vibrations in a Nanoscale Electronic Device Modification of Quartz Fabric with Multi-Walled Carbon Nanotubes for Multifunctional Polymer Composites; Fabrication of Silicon-Based Ceramic Synthesized from Mesoporous Carbon-Silica Nanocomposites; Synthesis and Characterization of Mesoporous Nanostructured TiO₂-Al₂O₃ Photocatalytic System; Monodispersed Ultrafine Zeolite Crystal Particles by Microwave Hydrothermal Synthesis; The Structure of Nanoparticulate Aggregates of Titania as a Function of Shear Hierarchical Assembly of Hybrid Nanoapatites: Implications for Oral Drug Delivery and Implant-Biological Interfaces Ni-B Nanolayer Evolution on Boron Carbide Particle Surfaces at High Temperatures; Author Index

Sommario/riassunto

This volume features papers from the Controlled Processing of Nanoparticle Structures and Composites symposia held during the 2008 Materials Science and Technology conference (MS&T08). It provides a useful one-stop resource for understanding the most important issues in controlled processing of nanoparticle structures and composites. Logically organized and carefully selected articles give insight into controlled processing of nanoparticle structures and composites, covering topics such as nanoparticle-based bulk material templating, the structure of nanoparticulate aggregates of titania as a
