1. Record Nr. UNINA9910814660103321

Titolo	Advanced synthesis and processing technology for materials : selected, peer reviewed papers from the 1st International Symposium on Advanced Synthesis and Processing Technology for Materials, November 14-17, 2008, Wuhan, China / / edited by Takashi Goto [and three others]
Pubbl/distr/stampa	Stafa-Zurich, Switzerland ; ; Enfield, New Hampshire : , : Trans Tech Publications, , [2009] ©2009
ISBN	3-03813-305-1
Descrizione fisica	1 online resource (306 p.)
Collana	Advanced materials research, , 1022-6680 ; ; volume 66
Altri autori (Persone)	GotoTakashi
Disciplina	620.110287
Soggetti	Materials science Materials - Analysis
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 and indexes.
Nota di contenuto	Advanced Synthesis and Processing Technology for Materials; Sponsors, Committees, Preface; Table of Contents; Ceramics; Investigation of Curing Process on Melt Spun Polymethylsilsesquioxane Fiber as Precursor for Silicon Oxycarbide Fibers; Synthesis of SiC Based Fibers with Continuous Pore Structure by Melt- Spinning and Controlled Curing Method; Effect of Nd2O3 and Sm2O3 on the Microstructure and Electrical Properties of WO3 Capacitor-Varistor Ceramics; The Effect of Particle Morphology and Particle Size Distribution on the Property of Slip Casting SiC Preparation and Thermoelectric Properties of Bi-Doped Mg2Si NanocompositesThe Effect of Water-Soluble Plasticizer on Barren Raw Material Hard Plastic Extruding Course; Stoichiometric Controlling of Spark Plasma Sintered Boron-Carbon Ceramics; Optimal Design for Ceramic Radomes with A-Sandwich Structure; Effect of Bi Doping on the Thermoelectric Properties of Mg2Si0.5Sn0.5 Compound; Effect of CaO on Sintering and Crystallization of CaO-Al2O3-SiO2 System Phosphorus Slag Glass-Ceramic; Reinforcement of B4C Ceramics with Multi-Walled Carbon Nanotubes

Damping Properties and Mechanism of 0-3 PMN/CB/EP CompositesField-Assisted Isothermal Oriented Crystallization of SrO-TiO2-SiO2 Polar Glass-Ceramics; Structure and Property of Ti-Al-C/TiB2 Composite Ceramics; Synthesis, Characterization and Catalytic Properties of La4BaCu5-xNixO13+ (x=0, 1, 2, 3, 4, 5); Oxidation of ZrB2/ZrO2 and ZrB2/ZrO2/SiC Ceramics; Molten Salt Synthesis and Photoluminescence of YVO4:Eu Microcrystalline Phosphors; Synthesis, Characterization and Electromagnetic Wave Absorption Properties of Z-Type Hexaferrites Prepared by Molten Salt Method
Carbothermal Reduction and Nitridation Synthesis of -AlON Powder under High Heating RateSynthesis of Ultra-Fine ZrB2 Powder by Borothermal Reaction under High Heating Rate; Microstructure and Properties of Mulite-FeCr Multifunctional Composite; Effect of Sintering Temperature on the Properties of Porous Silicon Nitride Ceramics; Effects of Coated Nano-BN Particles on Microstructure and Properties of BN-AlN Composite ; Erosion Resistance of Al2TiO5/Al2O3 Composites to Molten Aluminum; Fabrication of Indium Tin Oxide Targets by Spark Plasma Sintering and Hot-Pressing Sintering
Superfast Sintering of Nanocrystalline Y2O3 CeramicsLow-Temperature Sintering and Microwave Dielectric Properties of the Zn2SiO4 Ceramics; Thermal Shock-Resistance Performance of Al2TiO5/Al2O3 Composites ; Effect of LaCl3 on the Properties of LAS Ceramics; Preparation of Fine Mullite Powder in a SHS Chemical Furnace System; Low Dimensional Materials; Investigation of Bipolar Resistance Switching Properties in SrTiO3 Thin Films with Symmetric Electrodes Structure; The Effect of Oxygen Annealing on the Resistance Switching Properties of the La0.7Ca0.3MnO3 Films
Fabrication and Resistance-Switching Behaviors of NiO Thin Films by Thermal Oxidation of Evaporated Ni Films

Sommario/riassunto

This special collection of 73 papers covers the intriguing topic of the synthesis and processing of inorganic materials using non-traditional technologies such as SHS, SPS, mechanical alloying, wet chemistry and aerosol deposition; as well as techniques involving laser, microwave, plasma, electron beam and high-field magnetron exposure. It is divided into chapters covering: Ceramics, Low-Dimensional Materials and Materials with Designed Structure and provides an authoritative and useful introduction to the subject.

2. Record Nr. UNINA9910590068903321

Titolo	Information and Communications Security : 24th International Conference, ICICS 2022, Canterbury, UK, September 5–8, 2022, Proceedings / / edited by Cristina Alcaraz, Liqun Chen, Shujun Li, Pierangela Samarati
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
ISBN	9783031157776 303115777X
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (649 pages)
Collana	Lecture Notes in Computer Science, , 1611-3349 ; ; 13407
Disciplina	005.8
Soggetti	Data structures (Computer science) Information theory Database management Data mining Application software Image processing - Digital techniques Computer vision Cryptography Data encryption (Computer science) Data Structures and Information Theory Database Management Data Mining and Knowledge Discovery Computer and Information Systems Applications Computer Imaging, Vision, Pattern Recognition and Graphics Cryptology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cryptography -- Authentication -- Privacy and Anonymity -- Attacks and Vulnerability Analysis -- Artificial Intelligence for Detection -- Network Security and Forensics. .

Sommario/riassunto

This LNCS 13407 constitutes the refereed proceedings of the 24th International Conference on Information and Communications Security, ICICS 2022, held in Canterbury, UK,, in September 2022. The 34 revised full papers presented in the book were carefully selected from 150 submissions The papers are organized around the following topics: Cryptography, Authentication, Privacy and Anonymity, Attacks and Vulnerability Analysis, Artificial Intelligence for Detection, and Network Security and Forensics.