

1. Record Nr.	UNINA990007413610403321
Autore	Ramajoli, Sergio
Titolo	Chiusura delle indagini preliminari e udienza preliminare / Sergio Ramajoli
Pubbl/distr/stampa	Padova : Cedam, 1997
ISBN	88-13-20083-8
Edizione	[2. ed]
Descrizione fisica	XII, 184 p. ; 24 cm
Disciplina	345.45072
Locazione	DSPCP
Collocazione	5,2-258
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNINA9910791905703321
Titolo	Advanced engineering ceramics and composites [[electronic resource] ] : selected, peer reviewed papers from the 4th International Symposium on Advanced Ceramics, Osaka International Convention Center, November 14-18, 2010, Japan // edited by Takashi Goto, Yi-Bing Cheng and Takashi Akatsu
Pubbl/distr/stampa	Durnten-Zurich, Switzerland, : Trans Tech Publications, : Ceramic Society of Japan, 2011
ISBN	3-03813-504-6
Descrizione fisica	1 online resource (266 p.)
Collana	CSJ series--publications of the Ceramic Society of Japan, , 422-5867 ; ; v. 22 Key engineering materials, , 1013-9826 ; ; v. 484
Altri autori (Persone)	GotoTakashi ChengYi-Bing AkatsuTakashi
Disciplina	620.14
Soggetti	Ceramic engineering Ceramics Composite materials
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 Engineering Ceramics and Composites; Committee Members and Preface; Table of Contents; Silicon Carbide and Composites; Microstructure and Properties of Three Phase Carbon and Ceramic Matrix Composites; Microstructure and Mechanical Properties of Joints in Sintered SiC Fiber-Bonded Ceramics; New Technology with Porous Materials; Progress in the Development of the Diesel Vehicle Business; Oxidation Behavior of ZrB2-15vol.%SiC at an Oxygen Partial Pressure of 57 Pa; Joining of SiC by Tape-Cast SiC-Al2O3-Y2O3 Interlayer Friction Surface Damage of Carbon-Fibre Reinforced Carbon-Silicon Carbide Composites (Cf/C-SiC)The Machinability of 3D-C/SiC Composites; The SH - Synthesis of Ceramic Based on Titanium Carbide and Silicon Carbide Composite Materials; Nitride Ceramics; Silicon Nitride Grain Boundary Glasses: Chemistry, Structure and Properties; The Effect of Heat-Treatment on Thermal Conductivity of Silicon Nitride

Ceramics; Fabrication and Microstructure of Electrically Conductive AlN with High Thermal Conductivity  
Analyses of Microstructure and Oxygen Content Effects on Thermal Conductivity of AlN Ceramics by Using Slack's Plot  
Fabrication of Silicon Nitride-Based Nano/Nano-Composite; Slip Casting of -Sialon/AlN/BN Powder Carbothermally Prepared by Boron-Rich Slag-Based Mixture;  
Mechanical Properties of Ceramics; Impact Fracture Behavior of Ceramics and PE-Fiber-Reinforced Mortars; Grain-Boundary Segregation and Phase-Separation Mechanism in Yttria-Stabilized Tetragonal Zirconia Polycrystal; Strengthening Mechanism of High-Strength Reaction-Sintered Silicon Carbide  
Young's Modulus and Poisson's Ratio of Liquid Phase-Sintered Silicon Carbide  
Mechanical Properties of Alumina Matrix Composites due to a Combination of Sr- and Ca-Hexaluminates; Sintering of Ceramics; Grain Size Effect in the Electrical Properties of Nanostructured Functional Oxides through Pressure Modification of the Spark Plasma Sintering Method; Sintering of Silicon Carbide Ceramics with Co-Addition of Gadolinium Oxide and Silica and their Mechanical Properties; Densification, Phases, Microstructures and Mechanical Properties of Liquid Phase-Sintered SiC  
WC/Ti Composite Material Enriched with CBN Particles Produced by Pulse Plasma Sintering (PPS)  
Fabrication of Transparent La<sub>2</sub>Zr<sub>2</sub>O<sub>7</sub> by Reactive Spark Plasma Sintering; Ceramics Coating; Environmental Barrier Coatings for Silicon Nitride; Optical and Tribological Properties of Silicon Carbide Thin Films Grown by Reactive DC Magnetron Sputtering; Characterization of Thermal Properties of Micro-Sized Ceramic Powders for APS Deposition of Ceramic Layers  
Optimization of Alumina Slurry Properties and Drying Conditions in the Spray Drying Process and Characterization of Corresponding Coating Fabricated by Atmospheric Plasma Spray

---

## Sommario/riassunto

The cutting edge of engineering ceramic research is evolving rapidly, leading into new fields far beyond the conventional image of ceramics. Careful tailoring of micro- and nano-structures, in particular, is yielding superior mechanical and chemical properties, such as high hardness, high strength, good heat/corrosion resistance and good tribological properties. This special collection comprises papers from researchers working in the fields of ceramics and composites and thus provides an opportunity for the cross-pollination of knowledge and experience in interdisciplinary fields of materials

---