

1. Record Nr.	UNISANNIOCAG0052950
Autore	Tommaseo, NiccolÃ²
Titolo	Prose / Tommaseo
Pubbl/distr/stampa	Milano : Istituto Editoriale Italiano, [19..!
Descrizione fisica	228 p. ; 19 cm
Collana	Classici italiani , . Ser. 4 ; 96
Disciplina	854
Collocazione	CPFM 854 TOM
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Nell'occhietto: Costruire Sul dorso: 86.

2. Record Nr.	UNINA9910830227703321
Titolo	Advanced processing and manufacturing technologies for structural and multifunctional materials VI [[electronic resource]] : a collection of papers presented at the 36th International Conference on Advanced Ceramics and Composites, January 22-27, 2012, Daytona Beach, Florida // edited by Tatsuki Ohji, Mrityunjay Singh ; volume editors, Michael Halbig, Sanjay Mathur
Pubbl/distr/stampa	Hoboken, N.J., : Wiley, 2013
ISBN	1-118-21752-7 1-283-86954-3 1-118-53020-9
Descrizione fisica	1 online resource (184 p.)
Collana	Ceramic Engineering and Science Proceedings Ceramic engineering and science proceedings, , 0196-6219 ; ; v. 33, issue 8 (2012)
Altri autori (Persone)	OhjiT (Tatsuki) SinghM (Mrityunjay) HalbigMichael MathurSanjay
Disciplina	666
Soggetti	Ceramic materials Composite materials

Manufacturing processes

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 index.
Nota di contenuto	Advanced Processing and Manufacturing Technologies for Structural and Multifunctional Materials VI; Contents; Preface; Introduction; Contribution to the Understanding of the Microstructure of First Generation Si-C-O Fibers; The Control of Interphases in Carbon and Ceramic Matrix Composites; High Volume Production for High Performance Ceramics; Low Pressure Injection Molding of Advanced Ceramic Components with Complex Shapes for Mass Production; Ceramic Injection Molding Using a Partially Water-Soluble Binder System: Effect of Back-Bone Polymers on the Process Green-Conscious Ceramic Injection Molding Shaping of Large-Sized Sputtering Targets; TEM Observation of the Ti Interlayer between SiC Substrates during Diffusion Bonding; Joining of Alumina by Using of Polymer Blend and Aluminum; Diffusion Bonding of Rigid Alumina Pieces using Porous Alumina Interlayers; Influence of Joining Pressure and Surface Roughness on Flexural Strength of Joined Boron Carbide Ceramics; Laser Machining of Melt Infiltrated Ceramic Matrix Composite; Fabrication of Dendritic Electrodes for Solid Oxide Fuel Cells by using Micro Stereolithography Ion-Exchange Properties of Nano Zeolite a Prepared by Bead Milling and Post-Milling Recrystallization Method The Role of Milling Liquids in Processing of Metal-Ceramic- Precursor Powders; Quantitative Validation of a Multi-Scale Model of Pyrocarbon Chemical Vapor Infiltration from Propane; Numerical Analysis of Fracture Behavior in Anisotropic Microstructures; Author Index
Sommario/riassunto	The 6th International Symposium on Advanced Processing and Manufacturing Technologies for Structural and Multifunctional Materials and Systems was held in January 2012 during the 36th International Conference and Exposition on Advanced Ceramics and Composites. This symposium examined progress resulting from the research and development of advanced processing and manufacturing technologies for a wide variety of non-oxide and oxide-based structural ceramics, particulate and fiber-reinforced composites, and multifunctional materials. This issue features seventeen of those papers, representing