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Autore	McLean Angela
Titolo	SARS [[electronic resource]] : A case study in emerging infections
Pubbl/distr/stampa	Oxford, : OUP Oxford, 2005
ISBN	1-282-33527-8 9786612335273 0-19-152447-6
Descrizione fisica	1 online resource (144 p.)
Altri autori (Persone)	MayRobert PattisonJohn
Disciplina	614.592
Soggetti	SARS (Disease) -- Epidemiology SARS (Disease) Severe Acute Respiratory Syndrome -- Epidemiology Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Contents; Contributors; List of Abbreviation; 1 Introduction; 2 Environmental and social influences on emerging infectious diseases: past, present, and future; 3 Evolutionary genetics and the emergence of SARS Coronavirus; 4 Influenza as a model system for studying the cross-species transfer and evolution of the SARS coronavirus; 5 Management and prevention of SARS in China; 6 Confronting SARS: a view from Hong Kong; 7 The aetiology of SARS: Koch's postulates fulfilled; 8 Laboratory diagnosis of SARS 9 Animal origins of SARS Coronavirus: possible links with the international trade in small carnivores10 Epidemiology, transmission dynamics, and control of SARS: the 2002-2003 epidemic; 11 Dynamics of modern epidemics; 12 The International response to the outbreak of SARS, 2003; 13 The Experience of the 2003 SARS outbreak as a traumatic stress among frontline health-care workers in Toronto: lessons learned; 14 Informed consent and public health; 15 What have we learnt from SARS?; References; Index
Sommario/riassunto	The sudden appearance and rapid spread of Severe Acute Respiratory Syndrome (SARS) in 2002 served to alert the world to the fact that

	emerging infections are a global problem. Living in affluent societies with well developed health care systems does not necessarily protect people from the dangers posed by life-threatening infections. The SARS epidemic tested global preparedness for dealing with a new infectious agent and raised important questions: how did we do, and what did we learn? This book uses the SARS outbreak as a case study to enumerate the generic issues that must be considered when

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Pubbl/distr/stampa	Hoboken, NJ, : American Ceramic Society, 2010
ISBN	9786612773587 9781282773585 1282773585 9780470909836 0470909838 9780470909829 047090982X
Descrizione fisica	1 online resource (352 p.)
Collana	Ceramic transactions ; ; 215
Altri autori (Persone)	SinghDilip ZhuDongming ZhouYanchun SinghM (Mrityunjay)
Disciplina	666
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Lingua di pubblicazione	Inglese
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Nota di contenuto

Design, Development, and Applications of Engineering Ceramics and Composites; Contents; Preface; Introduction; DEVELOPMENTS IN ENGINEERING CERAMICS; Elastic and Vibration Properties of Diamond-Like B-C Materials; Towards Simulation-Based Predictive Design of Glasses; Dynamic Behavior of Thick Alumina Plates with Tunneled Interfaces; Deposition Phase Diagrams for Chemical Vapor Deposition of BCI3-CH4-H2 System; The Relation between Optical Properties and Lattice Defects of Translucent Aluminum Nitride Ceramics Fabricated by the Novel Annealing Process
Thermodynamic Calculations of ZrC-SiC System for Chemical Vapor Deposition Applications from SiCl4-ZrCl4-CH4-H2Debindering of Non Oxide Ceramics under Protective Atmosphere; Softening of Rare Earth Orthophosphates by Transformation Plasticity: Possible Applications to Fiber-Matrix Interphases in Ceramic Composites; Influence of Fiber Architecture on Impact Resistance of Uncoated SiC/SiC Composites; Oxidation Kinetics and Strength versus Scale Thickness for Hi-NICALON TM-S SiC Fiber; Ceramic Matrix Composites Densification by Active Filler Impregnation Followed by a P.I.P. Process
High Potential of Composites with Carbon Fibers and a Self-Sealing Ceramic Matrix in Moist Environments under High Pressures at 600° CQuantification of Higher SiC Fiber Oxidation Rates in Presence of B2O3 under Air; Overview on the Self-Sealing Process in the Sicf/[Si,C, B]M Composites under Wet Atmosphere at High Temperature; NDE for Characterizing Oxidation Damage in Reinforced Carbon-Carbon; Silicon Nitride and Silicon Carbide Components as Enabling Tools in Avionics, Space and Dispersing Technology; / SiAION Based Composites Incorporated with MoSi2 for Electrical Applications
Microstructure Characteristics and High-Temperature Performance of In-Situ Reinforced -SiAlON CeramicsSynthesis Process and Microstructure for AI2O3/TiC/Ti Functionally Gradient Materials; Brazing of MIEC Ceramics to High Temperature Metals; ADVANCED CERAMIC COATINGS; Thermodynamic Data for Y-O-H(g) from Volatilization Studies; From the Volatility of Simple Oxides to that of Mixed Oxides: Thermodynamic and Experimental Approaches; Nanolaminated Oxide Ceramic Coatings in the Y2O3-AI2O3 System; Thermochemical Stability of Rare Earth Sesquioxides under a Moist Environment at High Temperature
Manufacture of P-Type ZNO Thin Film by CO-Sputtering of ZN and LI2CO3 Targets SimultaneouslySynthesized Zircon and Zircon Composite from Liquid Chemical Process; ZrO2-Environmental Barrier Coatings for Oxide/Oxide Ceramic Matrix Composites Fabricated by Electron-Beam Physical Vapor Deposition; GEOPOLYMERS; Development of Geopolymers from Plasma Vitrified Air Pollution Control Residues from Energy from Waste Plants; Synthesis of Zeolite-X from Waste Porcelain Using Alkali Fusion; The Ageing Process of Alkali Activated Metakaolin
Testing of Geopolymer Mortar Properties for Use as a Repair Material

Sommario/riassunto

This compilation of proceedings covering the latest scientific and technological developments in design, development, and applications of engineering ceramics and composites provides a useful one-stop resource for understanding the most important issues in design, development, and applications of engineering ceramics and composites. Logically organized and carefully selected articles give insight into design, development, and applications of engineering ceramics and composites and incorporates the latest developments related to design, development, and applications of engineering ceramics and