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Titolo	Nanopowders and nanocoatings [[electronic resource]] : production, properties and applications // V.F. Cotler, editor
Pubbl/distr/stampa	New York, : Nova Science Publishers, c2010
ISBN	1-61761-807-1
Descrizione fisica	1 online resource (242 p.)
Collana	Nanotechnology science and technology series
Altri autori (Persone)	CotlerV. F
Disciplina	620/.43
Soggetti	Coatings Nanoparticles - Industrial applications Perovskite materials Powders - Industrial applications
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	""NANOPOWDERS AND NANOCOATINGS: PRODUCTION, PROPERTIES AND APPLICATIONS ""; ""NANOPOWDERS AND NANOCOATINGS: PRODUCTION, PROPERTIES AND APPLICATIONS""; ""CONTENTS ""; ""PREFACE""; ""PEROVSKITE NANOPOWDERS: SYNTHESIS, CHARACTERIZATION, PROPERTIES AND APPLICATIONS ""; ""ABSTRACT ""; ""1. INTRODUCTION ""; ""2. SYNTHESIS OF PEROVSKITE NANOPOWDERS ""; ""2.1. Solid-State Reaction Route""; ""2.2. Mechanical Milling Method ""; ""2.3. Wet Chemical Routes ""; ""2.3.1. Sol-gel (colloidal) processing ""; ""2.3.2. Alkoxide-hydroxide sol-precipitation synthesis "" ""2.3.3 Decomposition of complex double metal salts""""2.3.4. Hydrothermal routes ""; ""2.3.4.1. Hydrothermal process ""; ""2.3.4.2. Solvothermal process ""; ""2.3.4.3. Glycothermal process ""; ""2.3.4.4. Microwave-hydrothermal process ""; ""2.3.5. Spray pyrolysis ""; ""2.3.6. Microemulsion synthesis ""; ""2.3.7. High-gravity reactive precipitation ""; ""2.3.8. Room-temperature biosynthesis ""; ""2.4. Gas Phase Deposition ""; ""3. CHARACTERIZATION OF PEROVSKITE NANOPOWDERS""; ""3.1. Microstructural Characterization ""; ""3.1.1. Scanning electron microscopy (SEM) "" ""3.1.2. Transmission electron microscopy (TEM) """"3.1.3. Scanning transmission electron microscopy (STEM) ""; ""3.1.4. High-resolution transmission electron microscopy (HRTEM) ""; ""3.1.5. Spherical-

corrected HRTEM/STEM"; "3.2. Spectroscopic Characterization";
"3.2.1. X-ray diffraction (XRD)"; "3.2.2. Extended X-ray absorption
fine structure spectroscopy (EXAFS)"; "3.2.3. Energy dispersive X-ray
spectroscopy (EDS)"; "3.2.4. Electron energy loss spectroscopy (EELS)
"; "3.2.5. X-ray photoelectron spectroscopy (XPS)"; "3.2.6. Infrared
(IR) spectroscopy"
"3.2.7. Raman spectroscopy" "3.2.8. Secondary ion mass
spectroscopy (SIMS)"; "3.2.9. Optical absorption-emission
spectroscopy"; "3.2.10. Mössbauer spectroscopy"; "4. PROPERTIES
OF PEROVSKITE NANOPOWDERS"; "4.1. Ferroelectric and Dielectric
Properties"; "4.2. Electrical Conductivity"; "4.3. Magnetic Properties
"; "4.4. Optical Properties"; "4.5. Multiferroic Properties"; "5.
APPLICATIONS OF PEROVSKITE NANOPOWDERS"; "5.1. Electronics";
"5.2. Information Storage Devices"; "5.3. Photonics"; "5.4.
Spintronics"
"6. FUTURE OUTLOOK OF PEROVSKITE NANOPOWDERS" "7.
CONCLUSION"; "ACKNOWLEDGMENTS"; "REFERENCES";
"ELECTROCHEMICAL NANOCOATINGS ON TITANIUM FOR BIOMATERIAL
APPLICATIONS"; "ABSTRACT"; "1. INTRODUCTION"; "2. TITANIUM-
TYPES OF ALLOYS AND USES"; "3. PASSIVE OXIDE LAYER ON TITANIUM
ALLOYS"; "4. ADVANTAGES OF USING NANO-CRYSTALLINE COATINGS
"; "5. ELECTROCHEMICAL CATHODIC DEPOSITION"; "5.1.
Mechanism"; "5.2. Features of Cathodic Calcium Phosphate
Coatings"; "5.3. Nucleation and Grain Growth"; "5.4. Nano-Grained
Cathodic HA Coatings"; "5.5. In Vitro Tests"
"6. TiO₂ NANOTUBES"

2. Record Nr.	UNINA9910781272803321
Autore	J. Perelberg Rosine
Titolo	Time and Memory // Rosine J. Perelberg
Pubbl/distr/stampa	London : , : Taylor and Francis, , 2018
ISBN	1-78049-489-0 0-429-92302-3 0-429-90879-2 0-429-48402-X 1-283-07016-2 9786613070166 1-84940-590-5
Edizione	[First edition.]
Descrizione fisica	1 online resource (228 p.)
Collana	Psychoanalytic ideas
Disciplina	153.7/53
Soggetti	Time perception disorders Time perception Memory Psychoanalytic interpretation
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	Cover; Copy Right; ACKNOWLEDGEMENTS; ABOUT THE CONTRIBUTORS; Introduction; CHAPTER ONE: The construction of heterochrony; CHAPTER TWO: Distortions of time in the transference: some clinical and theoretical implications; CHAPTER THREE: "Making time: killing time"; CHAPTER FOUR: Existence in time: development or catastrophe?; CHAPTER FIVE: Regression, curiosity, and the discovery of the object; CHAPTER SIX: The Aztecs, Masada, and the compulsion to repeat; CHAPTER SEVEN: Borges, immortality, and "The circular ruins"
Sommario/riassunto	"The concern with time permeates Freud's work, from Studies on Hysteria to Analysis Terminable and Interminable, which point out to a network of concepts that indicate Freud's complex theories on temporality. Indeed no other psychoanalytic thinker has put forward such revolutionary vision on the dimensions of time in human existence. This volume brings together some of the most important

papers written on the topic by members of the British Psychoanalytical Society. In the richness of the detailed clinical discussions the ways in which patients deal with time and memory are viewed as crucial indications about their internal world and ways of relating to their objects. Disorientation regarding time tends to reflect levels of disruption to internal object relationships, inability to mourn or to experience guilt. Examples from literature and history are considered in order to examine the power of the repetition compulsion - *Nachreglichkeit* - as well as how the impossibility of bearing the mental pain can lead to the creation of a timeless world.'The various chapters of this book explore how the psychoanalytic notions of time can find expression in clinical practice, and shed light on historical events or literary creations. Patients create a characteristic sense of time and space in the transference. Patients' distortions of time reflect their psychopathology as well as their reactions to the temporal aspects of the psychoanalytic setting. Patients who deny the passage of time are resistant to change, to mourning, and, ultimately, death. They also, at times, deny bodily and psychic development. Examples are compared to demonstrate the unconscious processes underlying the particular time distortions being considered, their impact on the patient's lives, and their manifestation in the clinical setting. Psychic reality is discontinuous and the structure of the discontinuities will be revealed by the impact on the patient of the temporal aspects of the psychoanalytic setting. Together, all chapters in *Time and Memory* indicate the profound contribution that a psychoanalytic understanding of time can bring to the understanding of the history of the individual, of historical events, and to works of literature.'- Rosine Jozef Perelberg, from the Introduction"--Provided by publisher.
