1. Record Nr. UNINA9910597020303321

Titolo	Nuclear Power / / by Switch International
Pubbl/distr/stampa	Geelong, Victoria : , : Switch International, , 2011
Descrizione fisica	1 online resource (3 minutes)
Collana	In Short: A Lesson On Almost Everything ; ; Episode 110
Soggetti	Environmental Science Alternative energy sources Documentary
Lingua di pubblicazione	Inglese
Formato	Videoregistrazione
Livello bibliografico	Monografia
Note generali	Title from resource description page (viewed March 29, 2016).
Sommario/riassunto	Nuclear power plants are back on the international energy agenda. Because nuclear electricity can be generated on a large scale, it can meet a modern nationÊ¼s base load power requirements while at the same time producing no greenhouse gases.

2.

Record Nr.	UNINA9910790063003321
Autore	Li Ji-Guang
Titolo	TiO2 nanocrystals [[electronic resource]] : synthesis and enhanced functionality / / Ji-Guang Li, Xiaodong Li, and Xudong Sun
Pubbl/distr/stampa	New York, : Nova Science, c2010
ISBN	1-61761-862-4
Descrizione fisica	1 online resource (109 p.)
Collana	Nanotechnology science and technology
Altri autori (Persone)	LiXiaodong <1949-> SunXudong <1951->
Disciplina	620/.5
Soggetti	Titanium dioxide crystals Nanocrystals
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	On t.p. "2" is subscript.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	""TIO2 NANOCRYSTALS: SYNTHESIS AND ENHANCED FUNCTIONALITY ""; ""TIO2 NANOCRYSTALS: SYNTHESIS AND ENHANCED FUNCTIONALITY ""; ""CONTENTS ""; ""PREFACE ""; ""INTRODUCTION ""; ""CONTROLLED HYDROTHERMAL PROCESSING OF TIO2 NANOCRYSTALS""; "" 2.1. SELECTIVE SYNTHESIS OF ANATASE, BROOKITE, AND RUTILE ""; ""2.2. PHASE SELECTION MECHANISM ""; ""2.3. OPTICAL AND PHOTOCATALYTIC PROPERTIES OF THE THREE TIO2 POLYMORPHS ""; ""MORPHOLOGY ENGINEERING OF RUTILE NANOCRYSTALS ""; ""PHASE CONVERSION OF DEGUSSA P25 UNDER HYDROTHERMAL""; ""3.2. SOLUTION CHEMISTRY AFFECTING RUTILE MORPHOLOGY "" "" SOLUTION PROCESSING OF TIO2 UNDER AMBIENT CONDITIONS """" MONODISPERSED BROOKITE SPHERES FROM TITANIUM TRICHLORIDE ""; ""4.2. PHASE TRANSITION PHENOMENA OF THE BROOKITE MONOSPHERES ""; ""THE EFFECTS OF TITANIUM SOURCE AND PRECIPITANT ON MORPHOLOGIES OF ANATASE NANOCRYSTALS ""; ""SINGLE MOLECULAR DESIGN OF NON-METAL DOPED TIO2 FOR ENHANCED PHOTOCATALYSIS ""; ""EFFICIENT DOPING OF TIO2 NANOCRYSTALS VIA RADIO-FREQUENCY (RF) THERMAL PLASMA PROCESSING ""; ""CHLORINE DOPING FOR IMPROVED PHOTOCATALYTIC PERFORMANCE ""; "" RARE-EARTH DOPING FOR NOVEL PHOTOLUMINESCENT PROPERTIES ""

""TRANSITION METAL DOPING FOR ROOM TEMPERATURE FERROMAGNETISM """"CONCLUSION""; ""ACKNOWLEDGMENT ""; ""REFERENCES""; ""INDEX ""