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Titolo	Gadolinium [[electronic resource]] : compounds, production, and applications // Caden C. Thompson, editor
Pubbl/distr/stampa	Hauppauge, N.Y., : Nova Science Publishers, c2010
ISBN	1-61728-334-7
Descrizione fisica	1 online resource (382 p.)
Collana	Chemical engineering methods and technology
Altri autori (Persone)	ThompsonCaden C
Disciplina	616.07/54
Soggetti	Gadolinium - Diagnostic use Magnetic resonance imaging Radiographic contrast media Electronic books.
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	""GADOLINIUM: COMPOUNDS, PRODUCTION AND APPLICATIONS ""; ""LIBRARY OF CONGRESS CATALOGING-IN-PUBLICATION DATA ""; ""CONTENTS ""; ""PREFACE ""; ""MAGNETIC INTERACTIONS IN OXO-CARBOXYLATE BRIDGED GADOLINIUM(III) COMPLEXES: SYNTHESIS, CRYSTAL STRUCTURES AND MAGNETIC PROPERTIES ""; ""ABSTRACT ""; ""INTRODUCTION ""; ""MAGNETIC ASPECTS ""; ""GADOLINIUM(III): MAGNETIC PROPERTIES ""; ""METAL ORGANIC FRAMEWORKS ""; ""Synthetic Routes ""; ""State of the Art ""; ""Type of Bridge A ""; ""Type of Bridge B ""; ""Type of Bridge C ""; ""Type of Bridge D""; ""Type of Bridge E""; ""Type of Bridge F "" ""PUBLISHED EMPIRICAL STUDIES """"THEORETICAL STUDIES ""; ""CONCLUSION ""; ""ACKNOWLEDGMENT ""; ""REFERENCES ""; ""APPLICATION OF GADOLINIUM FOILS AS CONVERTERS OF THERMAL NEUTRONS IN DETECTORS OF NUCLEAR RADIATION ""; ""ABSTRACT ""; ""1. INTRODUCTION ""; ""2. MATHEMATICAL MODELING OF CONVERTER PERFORMANCES ""; ""2.1. Theoretical Bases ""; ""2.1.1. Probability of neutrons absorption ""; ""2.1.2. Probability of gamma quanta formation ""; ""2.1.3. Probability of internal conversion electrons formation ""; ""2.1.3. Intensity of Auger electrons "" ""2.1.6. Passage of electrons through a substance """"2.2.1. Model representation and calculation ""; ""2.2.2. Probability of converters

activation"; "2.2.3. Modeling for a case of neutrons flow under various angles"; "2.2.4. Contribution of low-energetic electrons to general efficiency of converters"; "2.2.5. Contribution of X-rays and soft gamma radiations on general efficiency of converters"; "2.2.6. Modeling of converters executed from a set of thin drilling converters"; "2.3.1. Modeling of converters representing sandwiches, from supporting films and converters"

"3. POSITION SENSITIVE DETECTORS OF THERMAL NEUTRONS WITH GADOLINIUM CONVERTERS"

"3.1. Normal Pressure Multistep Avalanche Chamber"; "3.1.1. Characteristics of the multistep avalanche chambers"; "3.1.2. Gas amplification and efficiency of registrations MSAC"; "3.1.3. Spatial resolution of the multistep avalanche chambers"; "3.1.4. Influence of gas mixes on characteristic MSAC"; "3.1.5. Ways of stabilization of operating modes for work MSAC"; "3.1.6. Detector testing"; "3.1.7. Effects of some constructional elements on the MSAC characteristics"

"3.2. Thermal Neutron Imaging Detectors Combining Novel Composite Foil Converters and Gaseous Electron Multipliers"

"3.2.1. The neutron converter foil"; "3.2.2. The Multistep avalanche chamber"; "3.2.3. Detector characteristics"; "3.3. Hybrid Low-Pressure (MSGC) Neutron Detectors"; "3.3.1. The detector principle"; "3.3.2. Converter fabrication"; "3.4. Resistive Plate Chambers with Gd-Coated Electrodes as Thermal Neutron Detectors"; "3.5. The Neutron Sensitivity Image Plates"; "3.5. Neutron Imaging Detector Using Capillary Phenomena and Liquid Scintillator"

"3.6. Position Sensitive Detection of Thermal Neutrons with Solid State Detectors (Gd Si Planar Detectors)"

2. Record Nr.	UNISALENTO991001365169707536
Autore	Mattei, Ugo
Titolo	Common law : il diritto anglo-americano / Ugo Mattei
Pubbl/distr/stampa	Torino : UTET, 1992
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Descrizione fisica	xvi, 430 p. ; 25 cm
Collana	Trattato di diritto comparato
Disciplina	340
Soggetti	Common law Diritto inglese
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia