1. Record Nr. UNISALENTO991002908079707536

Autore	Marcel, Gabriel
Titolo	Giornale metafisico / Gabriel Marcel
Pubbl/distr/stampa	Roma : ABETE, 1966
Descrizione fisica	520 p. ; 25 cm.
Collana	Studi contemporanei ; 1
Altri autori (Persone)	Spirito, Franca
Disciplina	110
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Trad. F. Spirito Tit. orig.: Journal methaphysique. Etre et avoir. Presence et immortalité

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Autore	Low It Meng
Titolo	Polymer Composites and Nanocomposites for X-Rays Shielding / / by It Meng Low, Nurul Zahirah Noor Azman
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2020
ISBN	981-13-9810-0
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (viii, 127 pages)
Collana	Composites Science and Technology , , 2662-1819
Disciplina	668.9
Soggetti	Ceramics Glass Composite materials Medical physics Radiation Radiology Radiation - Safety measures Radiation—Safety measures Ceramics, Glass, Composites, Natural Materials Medical and Radiation Physics Imaging / Radiology Effects of Radiation/Radiation Protection

Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction and Literature Review -- Materials and Methodology -- Microstructured design of lead oxide-epoxy composites for radiation shielding purposes -- Synthesis and characterization of epoxy composites filled with Pb, Bi or W compound for shielding of diagnostic X-rays -- Effect of particle size, filler loadings and X-ray Energy on the X-ray attenuation ability of tungsten oxide – epoxy composites.
Sommario/riassunto	This book focuses on the processing, materials design, characterisation, and properties of polymer composites and nanocomposites for use as electromagnetic radiation shielding materials and to enhance radiation shielding capacity in order to meet the safety requirements for use in medical X-ray imaging facilities. It presents an in-depth analysis of materials synthesis methods such as melt-mixing, ion-implantation, solution casting and electrospinning. In addition, it measures the X-ray attenuation behaviour of fabricated composites and nanocomposites in four major types of X-ray equipment, namely general radiography, mammography, X-ray absorption spectroscopy and X-ray fluorescence spectroscopy units. Given its scope, the book will benefit researchers, engineers, scientists and practitioners in the fields of medical imaging, diagnostic radiology and radiation therapy.