1. Record Nr. UNINA9910140557903321

Titolo	Metal-enhanced fluorescence [[electronic resource] /] / edited by Chris D. Geddes
Pubbl/distr/stampa	Hoboken, N.J., : Wiley, c2010
ISBN	1-282-65373-3 9786612653735 0-470-64279-3 0-470-64278-5
Descrizione fisica	1 online resource (655 p.)
Altri autori (Persone)	GeddesChris D
Disciplina	543/.56
Soggetti	Fluorescence spectroscopy Nanoparticles Radioactive decay Plasmons (Physics)
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	METAL-ENHANCED FLUORESCENCE; CONTENTS; Preface; Contributors; Metal-Enhanced Fluorescence: Progress Towards a Unified Plasmon-Fluorophore Description; Spectral Profile Modifications In Metal-Enhanced Fluorescence; The Role Of Plasmonic Engineering In Potential Surface-Enhanced Fluorescence; Importance of Spectral Overlap: Fluorescence Enhancement by Single Metal Nanoparticles; Near-IR Metal-Enhanced Fluorescence And Controlled Colloidal Aggregation; Optimisation Of Plasmonic Enhancement Of Fluorescence For Optical Biosensor Applications; Microwave-Accelerated Metal-Enhanced Fluorescence Localized Surface Plasmon Coupled Fluorescence Fiber Optic Based BiosensingSurface Plasmon Enhanced Photochemistry; Metal-Enhanced Generation of Oxygen Rich Species; Synthesis Of Anisotropie Noble Metal Nanoparticles; Enhanced Fluorescence Detection Enabled By Zinc Oxide Nanomaterials; ZnO Platforms For Enhanced Directional Fluorescence Applications; E-Beam Lithography And Spontaneous Galvanic Displacement Reactions For Spatially Controlled MEF

	Applications; Metal-Enhanced Chemiluminescence; Enhanced Fluorescence From Gratings; Enhancing Fluorescence with Sub-Wavelength Metallic Apertures Enhanced Multi-Photon Excitation of Tryptophan-Silver ColloidPlasmon-enhanced radiative rates and applications to organic electronics; Fluorescent Quenching Gold Nanoparticles: Potential Biomedical Applications; Index
Sommario/riassunto	Discover how metal-enhanced fluorescence is changing traditional concepts of fluorescence This book collects and analyzes all the current trends, opinions, and emerging hot topics in the field of metal-enhanced fluorescence (MEF). Readers learn how this emerging technology enhances the utility of current fluorescence-based approaches. For example, MEF can be used to better detect and track specific molecules that may be present in very low quantities in either clinical samples or biological systems. Author Chris Geddes, a noted pioneer in the field, not only explains the fundamentals

2.

Record Nr.	UNISALENTO991001900999707536
Autore	Vicens Vives, Jaime
Titolo	Cataluña en el siglo XIX / Jaime Vicens Vives ; prologo de E. Giralt y Raventós
Pubbl/distr/stampa	Madrid : Rialp, 1961
Descrizione fisica	452 p. ; 20 cm
Collana	Biblioteca del pensamiento actual ; 102
Altri autori (Persone)	Giralt y Raventós, Emilio
Disciplina	936.6
Soggetti	Catalogna - Storia
Lingua di pubblicazione	Spagnolo
Formato	Materiale a stampa
Livello bibliografico	Monografia