

1. Record Nr.	UNINA9910431350103321
Autore	Demchenko Alexander P.
Titolo	Introduction to fluorescence sensing // Alexander P. Demchenko
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2021] Â©2021
ISBN	3-030-60155-2
Edizione	[Third edition.]
Descrizione fisica	1 online resource (XXII, 657 p. 245 illus., 219 illus. in color.)
Disciplina	543.56
Soggetti	Fluorescence spectroscopy Fluorescent Dyes - Chemistry Biophysics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Principles and Techniques in Chemical and Biological Sensing -- 2. Overview of Strategies in Fluorescence Sensing -- 3. Fluorescence Detection in Sensor Technologies -- 4. Photophysical Mechanisms of Signal Transduction in Sensing.
Sommario/riassunto	This book provides systematic knowledge of basic principles in the design of fluorescence sensing and imaging techniques together with critical analysis of recent developments. Fluorescence is the most popular technique in chemical and biological sensing because of its ultimate sensitivity, high temporal and spatial resolution and versatility that enables imaging within the living cells. It develops rapidly in the directions of constructing new molecular recognition units, new fluorescence reporters and in improving sensitivity of response up to detection of single molecules. Its application areas range from control of industrial processes to environment monitoring and clinical diagnostics. Being a guide for students and young researchers, it also addresses professionals involved in active basic and applied research. Making a strong link between education, research and product development, this book discusses prospects for future progress.

2. Record Nr.	UNISALENTO991004302836707536
Autore	Raya, Gino
Titolo	Maupassant / Gino Raya
Pubbl/distr/stampa	Messina : Tip. Lucio Speranza, 1953
Descrizione fisica	P. 5- 20 ; 24 cm
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Estr. da: Messana, studi diretti da Michele Catalano - v. 2, 1953 In testa al front.: Università di Messina, Facoltà di lettere e filosofia