

1. Record Nr.	UNINA9910143421803321
Titolo	New frontiers in ultrasensitive bioanalysis [[electronic resource]] : advanced analytical chemistry applications in nanobiotechnology, single molecule detection, and single cell analysis / / edited by Xiao-Hong Nancy Xu
Pubbl/distr/stampa	Hoboken, N.J., : Wiley-Interscience, c2007
ISBN	1-280-90107-1 9786610901074 0-470-11950-0 0-470-11949-7
Descrizione fisica	1 online resource (338 p.)
Collana	Chemical analysis ; ; v. 172
Altri autori (Persone)	XuXiao-Hong Nancy
Disciplina	572.33 572/.33 660.6
Soggetti	Biomolecules - Analysis Nanotechnology Microchemistry 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	Is one enough? / Andrew C. Beveridge, James H. Jett, and Richard A. Keller -- Dissecting cellular activity from single genes to single mRNAs / Xavier Darzacq, Robert H. Singer, and Yaron Shav-Tal -- Probing membrane transport of single live cells using single-molecule detection and single nanoparticle assay / Xiao-Hong Nancy Xu, Yujun Song, and Prakash Nallathamby -- Nanoparticle probes for ultrasensitive biological detection and imaging / Amit Agrawal, Tushar Sathe, and Shuming Nie -- Tailoring nanoparticles for the recognition of biomacromolecule surfaces / Mrinmoy De ... [et al.] -- Nanoscale chemical analysis of individual subcellular compartments / Gina S. Fiorini and Daniel T. Chiu -- Ultra sensitive time-resolved near-IR fluorescence for multiplexed bioanalysis / Li Zhu and Steven A. Soper -- Ultrasensitive microarray detection of DNA using enzymatically

amplified SPR imaging / Hye Jin Lee, Alastair W. Wark, and Robert M. Corn -- Ultrasensitive analysis of metal ions and small molecules in living cells / Richard B. Thompson -- Electrochemistry inside and outside single nerve cells / Daniel J. Eves and Andrew G. Ewing -- Electrochemiluminescence detection in bioanalysis / Xiao-Hong Nancy Xu and Yanbing Zu -- Single-cell measurements with mass spectrometry / Eric B. Monroe ... [et al.] -- Outlooks of ultrasensitive detection in bioanalysis / Xiao-Hong Nancy Xu.

Sommario/riassunto

An overview of current research and developments in ultrasensitive bioanalysis New platforms of ultrasensitive analysis of biomolecules and single living cells using multiplexing, single nanoparticle sensing, nano-fluidics, and single-molecule detection are advancing every scientific discipline at an unprecedented pace. With chapters written by a diverse group of scientists working in the forefront of ultrasensitive bioanalysis, this book provides an overview of the current status and an in-depth understanding of the objectives and future research directions of ultrasensitive bioanaly

2. Record Nr.

UNISA996336362603316

Titolo

The Polish quarterly of international affairs

Pubbl/distr/stampa

Warszawa, : PISM, 1992-

ISSN

2545-1901

Descrizione fisica

1 online resource

Soggetti

World politics - 1989-
International relations
Politique mondiale - 1989-
Relations internationales
Politique internationale
Publications périodiques
UE/CE Intégration
Sécurité internationale
Organisations internationales
Politics and government
World politics
Außenpolitik
Außenwirtschaft
Polen

Welt
Periodicals.
Europe Politics and government 20th century Periodicals
Europe Politique et gouvernement 20e siècle Périodiques
Europe
Pologne

Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Refereed/Peer-reviewed

3. Record Nr.	UNINA9910566467303321
Autore	Vignudelli Stefano
Titolo	Coastal Waters Monitoring Using Remote Sensing Technology
Pubbl/distr/stampa	Basel, : MDPI - Multidisciplinary Digital Publishing Institute, 2022

Descrizione fisica	1 online resource (498 p.)
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Soggetti	Research & information: general
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Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

Sommario/riassunto	Around 10% of the global population lives in the world's coastal zones, mostly concentrated in the world's largest megacities. In many regions, the population is exposed to a variety of natural hazards and space-based observations. This Special Issue will focus on the usage of remote sensing alone or in synergy with in situ measurments and modeling tools to provide precise and systematic information about processes acting in the world's coastal zones.
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