

1. Record Nr.	UNINA990009776060403321
Autore	Urquidi, Victor Luis <1919-2004>
Titolo	Latin America in the international economy / Victor L. Urquidi, Rosemary Thorp
Pubbl/distr/stampa	London : Macmillan Press, 1973
Descrizione fisica	XVI, 430 p. ; 22 cm
Altri autori (Persone)	Thorp, Rosemary
Locazione	DECTS
Collocazione	ISVE A02.37
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
2. Record Nr.	UNINA9910576874803321
Autore	Conteduca Donato
Titolo	Photonic Biosensors: Detection, Analysis and Medical Diagnostics
Pubbl/distr/stampa	Basel, : MDPI - Multidisciplinary Digital Publishing Institute, 2022
Descrizione fisica	1 online resource (92 p.)
Soggetti	Research & information: general
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	The role of nanotechnologies in personalized medicine is rising remarkably in the last decade because of the ability of these new sensing systems to diagnose diseases from early stages and the availability of continuous screenings to characterize the efficiency of drugs and therapies for each single patient. Recent technological

advancements are allowing the development of biosensors in low-cost and user-friendly platforms, thereby overcoming the last obstacle for these systems, represented by limiting costs and low yield, until now. In this context, photonic biosensors represent one of the main emerging sensing modalities because of their ability to combine high sensitivity and selectivity together with real-time operation, integrability, and compatibility with microfluidics and electric circuitry for the readout, which is fundamental for the realization of lab-on-chip systems. This book, "Photonic Biosensors: Detection, Analysis and Medical Diagnostics", has been published thanks to the contributions of the authors and collects research articles, the content of which is expected to assume an important role in the outbreak of biosensors in the biomedical field, considering the variety of the topics that it covers, from the improvement of sensors' performance to new, emerging applications and strategies for on-chip integrability, aiming at providing a general overview for readers on the current advancements in the biosensing field.
