

1. Record Nr.	UNINA9910781952203321
Titolo	Challenges in green analytical chemistry [[electronic resource] /] / edited by Miguel de la Guardia and Salvador Garrigues
Pubbl/distr/stampa	Cambridge, : RSC Pub., 2011
ISBN	1-84973-296-5
Descrizione fisica	1 online resource (331 p.)
Collana	RSC green chemistry, , 1757-7039 ; ; no. 13
Altri autori (Persone)	GuardiaMiguel de la GarriguesSalvador
Disciplina	543
Soggetti	Chemistry, Analytic - Environmental aspects Environmental chemistry - Industrial applications
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	i-iv; v-viii; ix-xiv; 1-12.PDF.pdf; 13-43; 44-62; 63-106; 107-143; 144-167; 168-198; 199-223; 224-285; 286-301; 302-316
Sommario/riassunto	Concerns about environmental pollution, global climate change and hazards to human health have increased dramatically. This has lead to a call for change in chemical processes including those that are part of chemical analysis. The development of analytical chemistry continues and every new discovery in chemistry, physics, molecular biology, and materials science brings new opportunities and challenges. Yet, contemporary analytical chemistry does not consume resources optimally. Indeed, the usage of toxic chemical compounds is at the highest rate ever. All this makes the emerging field of gree