

1. Record Nr.	UNINA9910317801503321
Autore	Margarita Stoytcheva
Titolo	Arsenic : Analytical and Toxicological Studies // edited by Margarita Stoytcheva and Roumen Zlatev
Pubbl/distr/stampa	IntechOpen, 2018 Croatia : , : IntechOpen, , 2018
ISBN	1-83881-646-1 1-78923-517-0
Descrizione fisica	1 online resource (92 pages) : illustrations
Disciplina	553.47
Soggetti	Arsenic
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Sommario/riassunto	Arsenic - Analytical and Toxicological Studies is a collection of original works focused on arsenic occurrence and chemistry, methods for arsenic determination and removal and arsenic toxicity and health risks. The most commonly used techniques for arsenic quantification and speciation, such as atomic absorption spectrometry, inductively coupled plasma-mass spectrometry, and inductively coupled plasma-emission spectrometry, among others, and the various procedures applied for arsenic separation and removal are exhaustively described. The mechanism of arsenic-induced toxicology, involving arsenic interaction with critical thiols in proteins and the health risks associated with exposure to arsenic, is also discussed.