

1. Record Nr.	UNINA9910337929603321
Titolo	Advances in Computational Toxicology : Methodologies and Applications in Regulatory Science // edited by Huixiao Hong
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-16443-8 9783030164430
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (416 pages)
Collana	Challenges and Advances in Computational Chemistry and Physics, , 2542-4491 ; ; 30
Disciplina	025.066159
Soggetti	Chemoinformatics Pharmacology Bioinformatics Computational biology Chemistry, Physical and theoretical Bioinformatics Computer Applications in Chemistry Pharmacology/Toxicology Computer Appl. in Life Sciences Theoretical and Computational Chemistry Computational Biology/Bioinformatics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Computational Toxicology Promotes Regulatory Science -- Tasks, Major Challenges and Emerging Modelling Methods for Computational Toxicology -- Xenobiotic Metabolism by Cytochrome P450s: Insights Gained from Molecular Simulations -- Applications of Molecular Modeling to Probe the Mechanism of Endocrine Disruptor Action -- Mixture Toxicity -- Towards reproducible in silico practice via OpenTox -- Combining Machine Learning and Multilayer Networks for Toxicity Prediction -- Matrix and tensor factorization for toxicity modelling -- Network-based In Silico Assessment of Drug Cardiotoxicity -- Mode-of-action-guided chemical toxicity prediction: A novel in silico

approach for predictive toxicology -- Machine learning methods for toxicity analysis -- Predictive modeling of Tox21 data -- The NTP DrugMatrix Toxicogenomics Database and Analysis Tool -- Applications of Computational Toxicology for Risk Assessment of Food Ingredients and Indirect Food Additives -- In silico prediction of the point of departure (POD) with high throughput data -- The application of topic modeling on drug safety signal detection and analysis -- Molecular dynamics simulations and applications in computational toxicology -- Computational modeling for prediction of drug-induced liver injury in humans -- Genomics in vitro to in vivo extrapolation (GIVIVE) for drug safety evaluation.

Sommario/riassunto

This book provides a comprehensive review of both traditional and cutting-edge methodologies that are currently used in computational toxicology and specifically features its application in regulatory decision making. The authors from various government agencies such as FDA, NCATS and NIEHS industry, and academic institutes share their real-world experience and discuss most current practices in computational toxicology and potential applications in regulatory science. Among the topics covered are molecular modeling and molecular dynamics simulations, machine learning methods for toxicity analysis, network-based approaches for the assessment of drug toxicity and toxicogenomic analyses. Offering a valuable reference guide to computational toxicology and potential applications in regulatory science, this book will appeal to chemists, toxicologists, drug discovery and development researchers as well as to regulatory scientists, government reviewers and graduate students interested in this field.

2. Record Nr.	UNINA9910450019903321
Autore	Moggach Douglas
Titolo	The philosophy and politics of Bruno Bauer / / Douglas Moggach [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2003
ISBN	1-107-13591-5 1-280-43065-6 1-139-16509-7 1-139-14881-8 0-511-17018-1 0-511-06161-7 0-511-05528-5 0-511-29726-2 0-511-07007-1
Descrizione fisica	1 online resource (x, 290 pages) : digital, PDF file(s)
Collana	Modern European philosophy
Disciplina	321.8/6
Soggetti	Republicanism Republicanism - Germany - History
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references (p. 264-283) and index.
Nota di contenuto	Cover; Half-title; Series-title; Title; Copyright; CONTENTS; PREFACE; INTRODUCTION: "THE FRIEND OF FREEDOM"; I FOUNDATIONS: AESTHETICS, ETHICS, AND REPUBLICANISM; II JUDGING THE OLD ORDER; III THE EMANCIPATORY PROJECT; IV JUDGING THE REVOLUTIONARY MOVEMENT; NOTES; BIBLIOGRAPHY; INDEX
Sommario/riassunto	This is a comprehensive study in English of Bruno Bauer, a leading Hegelian philosopher of the 1840s. Inspired by the philosophy of Hegel, Bauer led an intellectual revolution that influenced Marx and shaped modern secular humanism. In the process he offered a republican alternative to liberalism and socialism, criticized religious and political conservatism and set out the terms for the development of modern mass and industrial society. Based on in-depth archival research this book traces the emergence of republican political thought

in Germany before the revolutions of 1848. Professor Moggach examines Bauer's republicanism and his concept of infinite self-consciousness. He also explores the more disturbing aspects of Bauer's critique of modernity, such as his anti-Semitism. This book will be eagerly sought out by professionals in political philosophy, political science and intellectual history.
