1. Record Nr. UNINA9910483504803321

Titolo	Computational Methods in Systems Biology : 14th International Conference, CMSB 2016, Cambridge, UK, September 21-23, 2016, Proceedings / / edited by Ezio Bartocci, Pietro Lio, Nicola Paoletti
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
ISBN	3-319-45177-4
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (XIII, 356 p. 108 illus.)
Collana	Lecture Notes in Bioinformatics, , 2366-6331 ; ; 9859
Disciplina	570.285
Soggetti	Bioinformatics Computer science Computer simulation Software engineering Computer science - Mathematics Computational and Systems Biology Theory of Computation Computer Modelling Software Engineering Symbolic and Algebraic Manipulation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Modeling biological processes -- Models and their biological applications -- Frameworks for model verification, validation, analysis, and simulation of biological systems -- High-performance computational systems biology and parallel implementations -- Model inference from experimental data -- Model integration from biological databases -- Multi-scale modeling and analysis methods -- Computational approaches for synthetic biology.
Sommario/riassunto	This book constitutes the refereed proceedings of the 14th International Conference on Computational Methods in Systems Biology, CMSB 2016, held in Cambridge, UK, in September 2016. The 20 full papers, 3 tool papers and 9 posters presented were carefully reviewed and selected from 37 regular paper submissions. The topics

	include formalisms for modeling biological processes; models and their biological applications; frameworks for model verification, validation, analysis, and simulation of biological systems; high-performance computational systems biology and parallel implementations; model inference from experimental data; model integration from biological databases; multi-scale modeling and analysis methods; and computational approaches for synthetic biology.

2. Record Nr. UNINA9910410032103321

Autore	Jennings Wesley G
Titolo	Opioid Prescribing Rates and Criminal Justice and Health Outcomes / / by Wesley G. Jennings, Nicholas Perez, Chris Delcher, Yanning Wang
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-40764-0
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (xi, 60 pages) : illustrations
Collana	SpringerBriefs in Criminology, , 2192-8541
Disciplina	362.2930974
Soggetti	Criminal behavior Criminology Pain medicine Criminal Behavior Crime Control and Security Pain Medicine
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Introduction to the Opioid Crisis -- 2. County-Level Prescribing Rates: Aggregated and Disaggregated -- 3. Association between Community Socioeconomic Characteristics and Opioid Prescribing Rates -- 4. Association between Opioid Prescribing Rates and Criminal Justice Outcomes -- 5. Association between Opioid Prescribing Rates and Health Outcomes -- 6. Conclusions.
Sommario/riassunto	This brief uses California’s CURES (Controlled Substance Utilization Review and Evaluation System) 2.0 data to analyze county-level opioid

prescribing rates in California from 2012 to 2017 from multiple perspectives. The book summarizes California's county-level opioid prescribing trends, examines potential correlates of opioid prescribing rates, and assesses the association of opioid prescribing on both criminal justice and public health outcomes. Finally, the authors discuss their principal findings and the implications for policy and practice, including the significant and lasting consequences of the opioid crisis on the criminal justice system and the importance of a multi-disciplinary approach to effectively address the crisis.