

Current Topics in Computational Molecular Biology, 2002, 542 pages, Tao Jiang, Ying Xu, Michael Q. Zhang, 0262100924, 9780262100922, MIT Press, 2002

Computational molecular biology, or bioinformatics, draws on the disciplines of biology, mathematics, statistics, physics, chemistry, computer science, and engineering. It provides the computational support for functional genomics, which links the behavior of cells, organisms, and populations to the information encoded in the genomes, as well as for structural genomics. At the heart of all large-scale and high-throughput biotechnologies, it has a growing impact on health and medicine. This survey of computational molecular biology covers traditional topics such as protein structure modeling and sequence alignment, and more recent ones such as expression data analysis and comparative genomics. It combines algorithmic, statistical, database, and AI-based methods for studying biological problems. The book also contains an introductory chapter, as well as one on general statistical modeling and computational techniques in molecular biology. Each chapter presents a self-contained review of a specific subject. Not for sale in China, including Hong Kong

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Density Functional Theory for Systems Containing Semiflexible Polymers , Tao Jiang, 2008, Density functionals, 394 pages. Semiflexible polymers are extensively used in synthetic materials and commonplace in biological systems. The phase behavior and interfacial properties of semiflexible polymers.

Proceedings, Fourth International Conference on Intelligent Systems for Molecular Biology , David Johnson States, Pankaj Agarwal, Lawrence Hunter, 1996, Computers, 262 pages. .

2nd International Symposium on High-Temperature Metallurgical Processing , Jiann-Yang Hwang, Jaroslaw Drelich, Jerome P. Downey, Tao Jiang, Mark Cooksey, Apr 12, 2011, Technology & Engineering, 417 pages. High Temperature Metallurgical Processing contains the proceedings of the Second International Symposium on Thermal Processing of Minerals, Metals and Materials. This symposium.

DNA and protein sequence analysis: a practical approach, Part 629 a practical approach, Martin J. Bishop, Christopher J. Rawlings, 1997, Medical, 352 pages. Sequence data--either lists of nucleotides or of amino acids--are now easily gathered using automated equipment; the real effort is involved in interpreting the data to produce.

Algorithms in Computational Molecular Biology Techniques, Approaches and Applications, Mourad Elloumi, Albert Y. Zomaya, Dec 7, 2010, Science, 1080 pages. This book represents the most comprehensive and up-to-date collection of information on the topic of computational molecular biology. Bringing the most recent research into the.

Distributed Trust Management in Autonomic Networks , Tao Jiang, 2007, , 130 pages. The management of autonomic networks has gained more and more attentions because of their wide applications and control difficulties. Autonomic networks are decentralized and.

Computational Systems Bioinformatics CSB2007 Conference Proceedings, Volume 6, University of California, San Diego, 13-17 August 2007, Peter Markstein, Ying Xu, Life Sciences Society, 2007,

Computers, 454 pages. .

Modeling and Direct Numerical Simulation of Particle-laden Turbulent Flows , Ying Xu, 2008, , 186 pages. The immersed boundary method has the ability to simulate the irregular shape objects on the uniform Cartesian grids. In this work, the true DNS using the immersed boundary.

Computational Methods in Molecular Biology , S.L. Salzberg, D.B. Searls, S. Kasif, Jun 19, 1998, Science, 368 pages. Computational biology is a rapidly expanding field, and the number and variety of computational methods used for DNA and protein sequence analysis is growing every day. These.

The Reception and Rendition of Freud in China China's Freudian Slip, Tao Jiang, Philip J. Ivanhoe, Apr 26, 2013, Psychology, 336 pages. Although Freud makes only occasional, brief references to China and Chinese culture in his works, for almost a hundred years many leading Chinese intellectuals have studied and.

Heavy Metal Adsorption on Iron Oxide and Iron Oxide-coated Silica: Macroscopic, Spectroscopic, and Modeling Studies , Ying Xu, 2006, , 206 pages. To accurately model metal mobility and bioavailability in soils and sediments, systematic sorption studies are needed using representative and well-characterized minerals. Two.

Proceedings of the 4th Asia-Pacific Bioinformatics Conference Taipei, Taiwan, 13-16 February 2006, Tao Jiang, 2006, Computers, 363 pages. High-throughput sequencing and functional genomics technologies have given us a draft human genome sequence and have enabled large-scale genotyping and gene expression.

Computing and Combinatorics: Third Annual International Conference, Volume 3 Third Annual International Conference, COCOON '97, Shanghai, China, August 20-22, 1997. Proceedings., Tao Jiang, D.T. Lee, Jul 30, 1997, Computers, 522 pages. The book is aimed at graduate students, researchers, engineers and physicists involved in fluid computations. An up-to-date account is given of the present state of the art of.

Proceedings of the Annual International Conference on Research in Computational Molecular Biology RECOMB, Dan Gusfield, 2004, Molecular biology, 360 pages. .

Basics of Bioinformatics Lecture Notes of the Graduate Summer School on Bioinformatics of China, Rui Jiang, Xuegong Zhang, Michael Q. Zhang, Nov 26, 2013, NATURE, 414 pages. This book outlines 11 courses and 15 research topics in bioinformatics, based on curriculums and talks in a graduate summer school on bioinformatics that was held in Tsinghua.

A Tissue Engineering Approach to Bone Regeneration Using Novel Hybrid Scaffolds Based on Natural Chitosan and Synthetic Poly(lactide-co-glycolide) , Tao Jiang, 2008, , 516 pages. Reconstruction and regeneration of fractured or diseased bone has been a common human health care issue. Transplantation of autogenous or allogeneous bone tissues for the.

Applied Animal Ethics , Leland Shapiro, 2000, Nature, 512 pages. This comprehensive textbook covers the ethical issues involved in using animals for research, food production, sports, and as companions. Although theoretical aspects of animal
Evan's Voice , Sallie Lowenstein, Nov 1, 1998, Juvenile Fiction, 186 pages. Poor and abandoned by his mother, teenager Jake lovingly takes care of his plague stricken brother

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Land of eagles riding through Europe's forgotten country, Robin Hanbury-Tenison, Jul 15, 2009, History, 203 pages. Determined to discover the Albanian that lies behind so many stereotypes and preconceptions, Robin Hanbury-Tenison and his wife Louella crossed the country on horseback, from The Unsanctioned, Michael Lamke, Oct 15, 2010, Fiction, . The clash between national security and the blogosphere has never been more real! Lane Evans is the aide to the U.S. ambassador to Thailand. When he is called upon to use his Current Topics in Computational Molecular Biology Tao Jiang, Ying Xu, Michael Q. Zhang The Penitentiary in Crisis From Accommodation to Riot in New Mexico, Mark Colvin, , Social Science, 257 pages. This is a case study of the violence and disorder that have become endemic in U. S. prisons. The 1980 riot at the Penitentiary of New Mexico was one of the worst riots in Combining literary criticism and feminist analysis, Death and Dissymmetry radically reinterprets not only the Book of Judges but also the tradition of its reception and. For a ?dare,? two small boys climb over the wall into the Duke of Cranborne?s estate in Hampshire. Both boys are armed with air guns, but what starts as a dare ends in blind.

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Ring of Intrigue , Jane S. Fancher, Jan 30, 1997, Fiction, 752 pages. The three Rhomandi brothers attempt to unify their strife-torn families and thus ensure the security of the Rhomatum Syndicate of Nodes, but their satellite worlds are Banking on death , Emma Lathen, Jan 1, 1994, Fiction, 166 pages. This universally acclaimed debut by Lathen (a pseudonym for the writing team of Mary J. Latsis and Martha Henissart) introduced mystery fans to amateur sleuth/Wall Street

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American Philosophy Today and Tomorrow , Horace Meyer Kallen, Sidney Hook, 1935, Philosophes américains - 1860-, 518 pages
Endocrine Disruptors in the Environment , Sushil K. Khetan, May 23, 2014, Technology & Engineering, 408 pages. A concise and engaging overview of endocrine disruption phenomena that brings complex concepts within the reach of non-specialists
For most of the last decade, the science of The Lexicon Syntax Interface in Second Language Acquisition , Roeland van Hout, Aafke Hulk, Folkert Kuiken, Richard J. Towell, Aug 14, 2003, Language Arts & Disciplines, 234 pages. Second language acquisition has to integrate the totality of the SLA process, which includes both the learning of the core syntax of a language and the learning of the lexical
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A Practical Introduction to Phonetics , John C. Catford, 1988, Language Arts & Disciplines, 239 pages. This book is an introduction to practical phonetics, the description and classification of the sounds of speech. Catford's unique interactive approach leads readers to exploreAnnual Editions Violence and Terrorism 03/04, Thomas J. Badey, Aug 9, 2002, Law, 219 pages. This Annual Editions title provides convenient, inexpensive access to a wide range of current, carefully selected articles from some of the most respected magazines, newspapers

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Anna and the Bagpiper , Thomas Locker, 1994, Juvenile Fiction, 32 pages. A young girl hears the strange but beautiful music of a bagpiper and wonders if it was just a dream
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Cardiothoracic Surgery Problems in Anesthesia, Joseph E. Arrowsmith, John Simpson, Mar 21, 2002, Medical, 320 pages. The first in the Problems in Anesthesia series, Cardiothoracic Surgery examine and provide guidance for a number of problematic clinical scenarios in cardiothoracic surgery Boston Braves , Richard A. Johnson, 2001, Biography & Autobiography, 128 pages. On March 13, 1953, the Boston Braves left their hometown after playing 76 seasons of baseball in Boston. They ended up in Atlanta via Milwaukee, but their rich history was Success in the Christian life , Dwight Lyman Moody, 1972, Christian life, 125 pages Fr. Charles Quadrupani wrote this book for everyone who longs to give himself to God -- and who knows what must be done -- but just can't manage to break free of worldly habits. It's time for a wedding at Penberthy House! Clementine Rose is thrilled! There's a giant tent in the back garden and guests arriving by the car load.

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New Irish Short Stories , Joseph O'Connor, Mar 17, 2011, Fiction, . Edited by Joseph O'Connor (author of Star of the Sea and Ghost Light) New Irish Short Stories is a stunning collection from a fascinating variety of writers, both new and

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Water, earth and man a synthesis of hydrology, geomorphology and socio-economic geography, Richard J. Chorley, Roger Graham Barry, 1969, Science, 588 pages
Beyond Rust , Larry Smith, 1995, Fiction, 156 pages. The novella "Beyond Rust" is joined by three creative nonfiction pieces, and six short stories. Literary realism comes to Ohio River Valley. "I like Beyond Rust and find it
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Understanding the Language of Science , Steven Darian, Aug 1, 2003, Language Arts & Disciplines, 248 pages. From astronomy to zoology, the practice of science proceeds from scientific ways of thinking. These patterns of thought, such as defining and classifying, hypothesizing and In this book, we feature the empires and civilizations that sprang out of the five regions of Asia вЂ” West Asia, East Asia, South Asia, Central Asia and Southeast Asia. LetвЂ™s. In simple, poignant prose, these primary source accounts capture the tragic and courageous experiences of young people who lived through the Holocaust and whose lives were. Fines are the most common sentence imposed by Magistrates' courts in England and Wales, covering a range of crimes including motoring offences, drug offences, criminal damage.

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Mr. and Mrs. Cuthbertson-Jones are surprised when their expected baby turns out to be twin girls and distressed when they find that one of them is perfectly good and the other. A dynamic social history commemorating the 100th anniversary of the start of World War I General readers and history buffs alike have made bestsellers of books like A History. Key words: FRP; concrete column; confinement; stress-strain model; design; analysis.

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