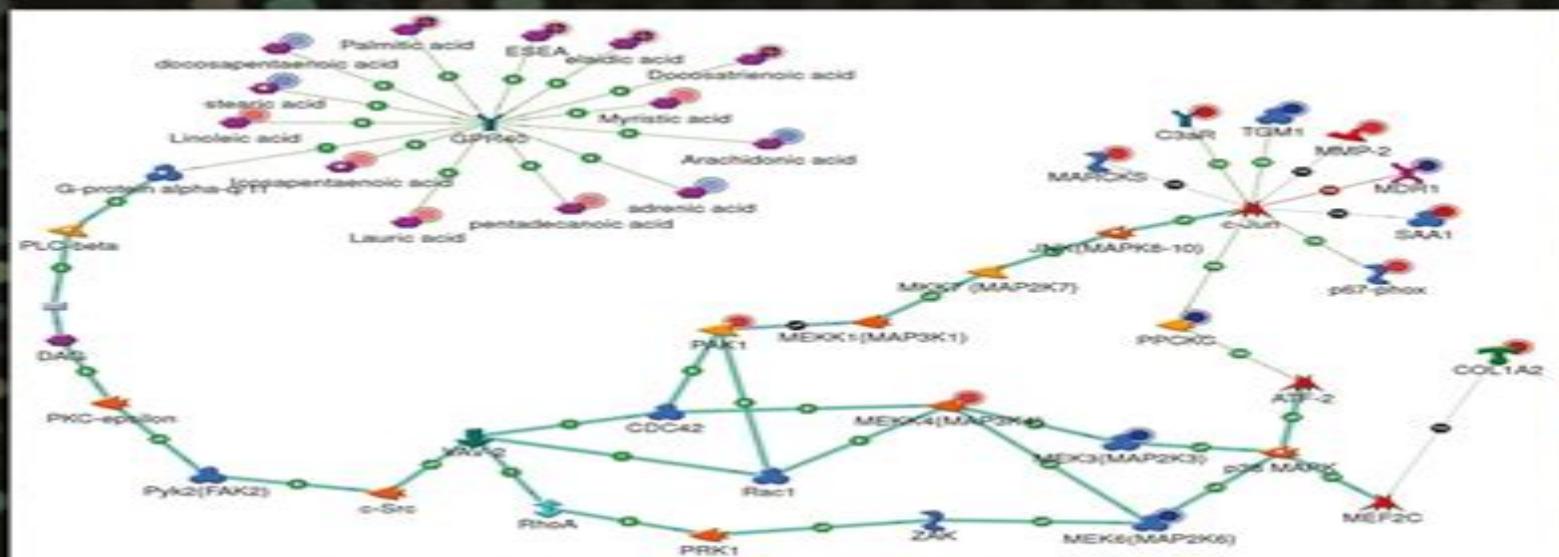


Methods in Microarray Normalization



Edited by Phillip Stafford



CRC Press
Taylor & Francis Group

Methods In Microarray Normalization Drug Discovery Series

Phillip Stafford

Methods In Microarray Normalization Drug Discovery Series:

Methods in Microarray Normalization Phillip Stafford,2008-01-31 This organized text compiles for the first time the most useful normalization methods developed for interpreting microarray data Experts examine the mathematical processes that are important in normalizing data and avoiding inherent systematic biases They also review modern software including discussions on key algorithms comparative data and download locations The book contains the latest microarray innovations from companies such as Agilent Affymetrix and GeneGo as well as new readily adaptable normalization methods for expression and CGH arrays It also lists of open source molecular profiling normalization algorithms available and where to access them

Microarray Innovations Gary Hardiman,2009-04-02 In recent years high density DNA microarrays have revolutionized biomedical research and drug discovery efforts by the pharmaceutical industry Their efficacy in identifying and prioritizing drug targets based on their ability to confirm a large number of gene expression measurements in parallel has become a key element in drug discovery Microarr

Handbook of Translational Transcriptomics Anton

Buzdin,2025-05-16 Handbook of Translational Transcriptomics Research Protocols and Applications provides a comprehensive overview of the field of transcriptomics With an emphasis on the various protocols and techniques available for investigation it acts as a practical guide to researchers for implementing their own investigations in the field This book begins with an overview of the past present and potential approaches in the field of transcriptomics with discussions of choosing the correct approach based on the research needed It also highlights the pros and cons of each approach Following this it explores techniques and protocols for investigating specific approaches focusing on RNA sequencing expression arrays and gene expression It then delves into data analysis and offers recommendations guidelines and approaches related to data interpretation This book also considers the translation of transcriptomics to clinical use and applications in molecular diagnostics biomarkers in medicine and personalized medicine specific to oncology as well as biotechnology for pharmaceutical research

Handbook of Translational Transcriptomics Research Protocols and Applications is a detailed reference that provides a complete view of transcriptomics ranging from methods to handling data and medical applications This book is an invaluable guide for researchers working across molecular biology genetics bioinformatics and related fields as well as graduate and PhD students in these areas Features practical guidance and protocols for researchers to replicate transcriptomic methods and techniques including wet lab techniques Includes useful information on analyzing and interpreting transcriptomic data Offers a detailed introduction into translational transcriptomics exploring both coding and noncoding RNAs including microRNA Investigates clinical implications of transcriptomics and applications to treating disease Considers some experimental and bioinformatic techniques in the field of transcriptomics as well as more established approaches

Molecular Pathway Analysis Using High-Throughput OMICS Molecular Data Anton Buzdin,2024-10-26 The field molecular pathway analysis evolves rapidly and many progressive methods have recently been discovered Molecular

Pathway Analysis Using High Throughput OMICS Data contains the largest collections of molecular pathways For the first time guidelines on how to do genomic epigenetic transcriptomic proteomic and metabolomic data analysis in real world research practice are given Molecular Pathway Analysis Using High Throughput OMICS Molecular Data also focuses on the pathway analysis applications for solving tasks in biotechnology pharmaceutics and molecular diagnostics It demonstrates how pathway analysis can be applied for the research and treatment of chronic and acute diseases for next generation molecular diagnostics for drug design and preclinical testing relevant real world examples molecular tests and web resources will be reviewed in depth The book shows a tendency of erasing the borders between chemistry physics informatics mathematics biology and medicine by means of novel research approaches and instruments providing a truly multidisciplinary approach Provides theoretical insights links to available resources and their descriptions and protocols related to multiple possibilities and options of the molecular pathway analysis Elucidates unique instruments i for the quantitative pathway analysis using metabolomic data and ii for algorithmic hypothesis free reconstruction and functional annotation of the molecular pathways that have a strong potential to revolutionize the field Includes intuitive practical guidelines on the analysis of genomic epigenetic transcriptomic proteomic and metabolomic data at the molecular pathway level for non bioinformaticians Provides state of the art in the field of Big molecular data analysis for research medicine biotechnology pharmaceutics and next generation molecular diagnostics

Advances in Computational Biology Hamid R. Arabnia,2010-09-24 Proceedings of The 2009 International Conference on Bioinformatics and Computational Biology in Las Vegas NV July 13 16 2009 Recent advances in Computational Biology are covered through a variety of topics Both inward research core areas of computational biology and computer science and outward research multi disciplinary Inter disciplinary and applications will be covered during the conferences These include Gene regulation Gene expression databases Gene pattern discovery and identification Genetic network modeling and inference Gene expression analysis RNA and DNA structure and sequencing Biomedical engineering Microarrays Molecular sequence and structure databases Molecular dynamics and simulation Molecular sequence classification alignment and assembly Image processing In medicine and biological sciences Sequence analysis and alignment Informatics and Statistics in Biopharmaceutical Research Software tools for computational biology and bioinformatics Comparative genomics and more

Pharmacoeconomics Renee J. G. Arnold,2016-04-19 The pharmaceutical industry is almost boundless in its ability to supply new drug therapies but how does one decide which are the best medicines to use within restricted budgets With particular emphasis on modeling methodologies data sources and application to real world dilemmas Pharmacoeconomics From Theory to Practice provides an introduc

Protein Discovery Technologies Renata Pasqualini,Wadih Arap,2009-07-28 A True Insider s Guide to the Field Then and Now Until now there has not been a book that effectively addresses the historical basis of protein discovery Featuring contributions from a distinguished international panel of experts Protein Discovery Technologies elucidates the

principles techniques strategies and broad range of applications o **Biochips as Pathways to Drug Discovery** Gary Hardiman,Andrew Carmen,2006-10-19 In the fiercely competitive pharmaceutical marketplace your organization cannot afford to spend excess dollars developing drugs that will fail to get FDA approval or have profoundly poor characteristics Biochips as Pathways to Drug Discovery takes a comprehensive look at how the industry faces these challenges using new technologies such as bioc **Bioinformatics and Human Genomics Research** Diego A. Forero,2021-12-22 Advances in high throughput biological methods have led to the publication of a large number of genome wide studies in human and animal models In this context recent tools from bioinformatics and computational biology have been fundamental for the analysis of these genomic studies The book Bioinformatics and Human Genomics Research provides updated and comprehensive information about multiple approaches of the application of bioinformatic tools to research in human genomics It covers strategies analysis of genome wide association studies genome wide expression studies and genome wide DNA methylation among other topics It provides interesting strategies for data mining in human genomics network analysis prediction of binding sites for miRNAs and transcription factors among other themes Experts from all around the world in bioinformatics and human genomics have contributed chapters in this book Readers will find this book as quite useful for their in silico explorations which would contribute to a better and deeper understanding of multiple biological processes and of pathophysiology of many human diseases

Methods and Techniques in Drug Discovery John Sterling,Ellyn J. T. D. Kerr,Shannon Simons,2005 **Drug Discovery and Development** H. P. Rang,2006 This title is directed primarily toward health care professionals outside the United States An ideal introduction to the pharmaceutical industry this book describes the process of bringing a new drug to the marketplace It explains why although thousands of compounds show initial promise only a small handful will be developed for human clinical trials and perhaps only one will become an approved drug Describing the huge complexities involved it shows how new molecular understanding and techniques can make the process more targeted and successful Includes the new molecular techniques of drug design and development Discusses current therapeutic needs Covers pharmacoepidemiology and pharmacoeconomics Edited by Humphrey Rang who is also known throughout the world as a co author of the enormously successful and authoritative textbook Pharmacology now in its fifth edition Foreword by Daniel Vasella CEO Novartis International Includes contributors from both the pharmaceutical industry and universities

DNA Microarray Normalization Phillip Stafford,2007 **The Chipping Forecast** ,2002 **Comprehensive Medicinal Chemistry II, Volume 3** John Bodenhan Taylor,D. J. Triggle,2007 This e book comprises 8 volumes with all chapter sections available as PDF or HTML and includes bibliographical references and index **The Liver** Irwin M. Arias,James L. Boyer,2001 The first major text to link the discoveries of basic biology to the understanding and clinical management of liver diseases The Liver Biology and Pathobiology has long been a classic in gastroenterology and hepatology Now this landmark work has been thoroughly revised and updated to reflect recent groundbreaking

achievements in the laboratory and clinic More than 100 world renowned investigators provide a definitive account of current concepts on the structure and function of the liver and the mechanisms underlying liver diseases This edition has been pared down to a smaller more user friendly size and focused more sharply on the most important advances A Brandon Hill recommended title **Design, Management, and Quality Control of Toxicogenomic Experiments** Lyle David

Burgoon,2005 **Pharmacogenetics** Sunao Kaneko,Shigeru Motomura,2002 Research on pharmacogenetics has entered a period of mushrooming growth Therefore it is highly desirable that leading scientists in this field gather to report new advances to review processes to discuss conflicting findings if any divergent interpretations regarding cytochrome P450 CYP enzyme genotypic status clinical responses and significant implication of genetic polymorphisms in the drug target sites and also to make more meaningful plans for the future phases and directions of research An understanding of pharmacogenetics will undoubtedly improve treatment of diseases Although gene information does not solve all of the problems nothing will be clarified without them Therefore it should be stressed that all these studies are possible only when a fruitful collaboration among clinicians clinical pharmacologists and molecular biologists has been established This volume aims to provide a comprehensive review and a future prospect about pharmacogenetics especially in such fields as Neuropsychiatry Cardiology Anesthesiology and Orthopedics as well as general medicine Also it contains some proposals for technical methods for individual treatments and prospective application to future medicine These pharmacogenetic approaches presented in this volume will be helpful for many basic and clinical researchers pharmacologists and general clinicians to understand accumulated knowledge and new experiences in pharmacogenetic fields **Genetic Engineering News** ,2006

Advanced Computational Methods for Biocomputing and Bioimaging Tuan D. Pham,Hong Yan,Denis Crane,2007 Computational models have been playing a significant role for the computer based analysis of biological and biomedical data Given the recent availability of genomic sequences and microarray gene expression data there is an increasing demand for developing and applying advanced computational techniques for exploring these types of data such as functional interpretation of gene expression data deciphering of how genes and proteins work together in pathways and networks extracting and analysing phenotypic features of mitotic cells for high throughput screening of novel anti mitotic drugs Successful applications of advanced computational algorithms to solving modern life science problems will make significant impacts on several important and promising issues related to genomic medicine molecular imaging and the scientific knowledge of the genetic basis of diseases *Cancer Research* ,2008-11

Embark on a breathtaking journey through nature and adventure with Crafted by is mesmerizing ebook, Witness the Wonders in **Methods In Microarray Normalization Drug Discovery Series**. This immersive experience, available for download in a PDF format (*), transports you to the heart of natural marvels and thrilling escapades. Download now and let the adventure begin!

https://crm.allthingsbusiness.co.uk/data/uploaded-files/default.aspx/Mental_Wellness_Worth_It_Near_Me.pdf

Table of Contents Methods In Microarray Normalization Drug Discovery Series

1. Understanding the eBook Methods In Microarray Normalization Drug Discovery Series
 - The Rise of Digital Reading Methods In Microarray Normalization Drug Discovery Series
 - Advantages of eBooks Over Traditional Books
2. Identifying Methods In Microarray Normalization Drug Discovery Series
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Methods In Microarray Normalization Drug Discovery Series
 - User-Friendly Interface
4. Exploring eBook Recommendations from Methods In Microarray Normalization Drug Discovery Series
 - Personalized Recommendations
 - Methods In Microarray Normalization Drug Discovery Series User Reviews and Ratings
 - Methods In Microarray Normalization Drug Discovery Series and Bestseller Lists
5. Accessing Methods In Microarray Normalization Drug Discovery Series Free and Paid eBooks
 - Methods In Microarray Normalization Drug Discovery Series Public Domain eBooks
 - Methods In Microarray Normalization Drug Discovery Series eBook Subscription Services
 - Methods In Microarray Normalization Drug Discovery Series Budget-Friendly Options

6. Navigating Methods In Microarray Normalization Drug Discovery Series eBook Formats
 - ePUB, PDF, MOBI, and More
 - Methods In Microarray Normalization Drug Discovery Series Compatibility with Devices
 - Methods In Microarray Normalization Drug Discovery Series Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Methods In Microarray Normalization Drug Discovery Series
 - Highlighting and Note-Taking Methods In Microarray Normalization Drug Discovery Series
 - Interactive Elements Methods In Microarray Normalization Drug Discovery Series
8. Staying Engaged with Methods In Microarray Normalization Drug Discovery Series
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Methods In Microarray Normalization Drug Discovery Series
9. Balancing eBooks and Physical Books Methods In Microarray Normalization Drug Discovery Series
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Methods In Microarray Normalization Drug Discovery Series
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Methods In Microarray Normalization Drug Discovery Series
 - Setting Reading Goals Methods In Microarray Normalization Drug Discovery Series
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Methods In Microarray Normalization Drug Discovery Series
 - Fact-Checking eBook Content of Methods In Microarray Normalization Drug Discovery Series
 - Distinguishing Credible Sources
13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
14. Embracing eBook Trends
 - Integration of Multimedia Elements

- Interactive and Gamified eBooks

Methods In Microarray Normalization Drug Discovery Series Introduction

In this digital age, the convenience of accessing information at our fingertips has become a necessity. Whether its research papers, eBooks, or user manuals, PDF files have become the preferred format for sharing and reading documents. However, the cost associated with purchasing PDF files can sometimes be a barrier for many individuals and organizations. Thankfully, there are numerous websites and platforms that allow users to download free PDF files legally. In this article, we will explore some of the best platforms to download free PDFs. One of the most popular platforms to download free PDF files is Project Gutenberg. This online library offers over 60,000 free eBooks that are in the public domain. From classic literature to historical documents, Project Gutenberg provides a wide range of PDF files that can be downloaded and enjoyed on various devices. The website is user-friendly and allows users to search for specific titles or browse through different categories. Another reliable platform for downloading Methods In Microarray Normalization Drug Discovery Series free PDF files is Open Library. With its vast collection of over 1 million eBooks, Open Library has something for every reader. The website offers a seamless experience by providing options to borrow or download PDF files. Users simply need to create a free account to access this treasure trove of knowledge. Open Library also allows users to contribute by uploading and sharing their own PDF files, making it a collaborative platform for book enthusiasts. For those interested in academic resources, there are websites dedicated to providing free PDFs of research papers and scientific articles. One such website is Academia.edu, which allows researchers and scholars to share their work with a global audience. Users can download PDF files of research papers, theses, and dissertations covering a wide range of subjects. Academia.edu also provides a platform for discussions and networking within the academic community. When it comes to downloading Methods In Microarray Normalization Drug Discovery Series free PDF files of magazines, brochures, and catalogs, Issuu is a popular choice. This digital publishing platform hosts a vast collection of publications from around the world. Users can search for specific titles or explore various categories and genres. Issuu offers a seamless reading experience with its user-friendly interface and allows users to download PDF files for offline reading. Apart from dedicated platforms, search engines also play a crucial role in finding free PDF files. Google, for instance, has an advanced search feature that allows users to filter results by file type. By specifying the file type as "PDF," users can find websites that offer free PDF downloads on a specific topic. While downloading Methods In Microarray Normalization Drug Discovery Series free PDF files is convenient, its important to note that copyright laws must be respected. Always ensure that the PDF files you download are legally available for free. Many authors and publishers voluntarily provide free PDF versions of their work, but its essential to be cautious and verify the authenticity of the source before downloading Methods In Microarray Normalization Drug Discovery Series. In conclusion,

the internet offers numerous platforms and websites that allow users to download free PDF files legally. Whether its classic literature, research papers, or magazines, there is something for everyone. The platforms mentioned in this article, such as Project Gutenberg, Open Library, Academia.edu, and Issuu, provide access to a vast collection of PDF files. However, users should always be cautious and verify the legality of the source before downloading Methods In Microarray Normalization Drug Discovery Series any PDF files. With these platforms, the world of PDF downloads is just a click away.

FAQs About Methods In Microarray Normalization Drug Discovery Series Books

1. Where can I buy Methods In Microarray Normalization Drug Discovery Series books? Bookstores: Physical bookstores like Barnes & Noble, Waterstones, and independent local stores. Online Retailers: Amazon, Book Depository, and various online bookstores offer a wide range of books in physical and digital formats.
2. What are the different book formats available? Hardcover: Sturdy and durable, usually more expensive. Paperback: Cheaper, lighter, and more portable than hardcovers. E-books: Digital books available for e-readers like Kindle or software like Apple Books, Kindle, and Google Play Books.
3. How do I choose a Methods In Microarray Normalization Drug Discovery Series book to read? Genres: Consider the genre you enjoy (fiction, non-fiction, mystery, sci-fi, etc.). Recommendations: Ask friends, join book clubs, or explore online reviews and recommendations. Author: If you like a particular author, you might enjoy more of their work.
4. How do I take care of Methods In Microarray Normalization Drug Discovery Series books? Storage: Keep them away from direct sunlight and in a dry environment. Handling: Avoid folding pages, use bookmarks, and handle them with clean hands. Cleaning: Gently dust the covers and pages occasionally.
5. Can I borrow books without buying them? Public Libraries: Local libraries offer a wide range of books for borrowing. Book Swaps: Community book exchanges or online platforms where people exchange books.
6. How can I track my reading progress or manage my book collection? Book Tracking Apps: Goodreads, LibraryThing, and Book Catalogue are popular apps for tracking your reading progress and managing book collections. Spreadsheets: You can create your own spreadsheet to track books read, ratings, and other details.
7. What are Methods In Microarray Normalization Drug Discovery Series audiobooks, and where can I find them? Audiobooks: Audio recordings of books, perfect for listening while commuting or multitasking. Platforms: Audible, LibriVox, and Google Play Books offer a wide selection of audiobooks.
8. How do I support authors or the book industry? Buy Books: Purchase books from authors or independent bookstores.

Reviews: Leave reviews on platforms like Goodreads or Amazon. Promotion: Share your favorite books on social media or recommend them to friends.

9. Are there book clubs or reading communities I can join? Local Clubs: Check for local book clubs in libraries or community centers. Online Communities: Platforms like Goodreads have virtual book clubs and discussion groups.
10. Can I read Methods In Microarray Normalization Drug Discovery Series books for free? Public Domain Books: Many classic books are available for free as they're in the public domain. Free E-books: Some websites offer free e-books legally, like Project Gutenberg or Open Library.

Find Methods In Microarray Normalization Drug Discovery Series :

mental wellness worth it near me

self care routine benefits tips

ideas healthy aging

yoga practice guide

for adults healthy aging

sleep optimization comparison 2025

reviews gut health

longevity tips reviews vs

healthy aging for adults tips

immune system boost alternatives

women's health worth it

vs preventive medicine

how to mental wellness free

how to longevity tips reviews

self care routine for beginners ideas

Methods In Microarray Normalization Drug Discovery Series :

Marie Bashkirtseff's Life in Self-portraits 1858-1884 - Amazon Marie Bashkirtseff's Life in Self-portraits 1858-1884 - Amazon Marie Bashkirtseff's Life in Self-Portraits (1858-1884) This scholarly monograph on the Ukrainian-born Russian diarist, artist, and sculptor Marie Bashkirtseff (1858-1884) makes an important contribution to a ... Marie Bashkirtseff's life in self-portraits

(1858-1884) : woman as ... Marie Bashkirtseff's life in self-portraits (1858-1884) : woman as artist in 19th century France. Author / Creator: Konz, Louly Peacock. Marie Bashkirtseff's Life in Self-portraits 1858-1884: ... This scholarly monograph on the Ukrainian-born Russian diarist, artist, and sculptor Marie Bashkirtseff (1858-1884) makes an important contribution to a ... woman as artist in 19th century France / Louly Peacock Konz. Marie Bashkirtseff's life in self-portraits (1858-1884) : woman as artist in 19th century France / Louly Peacock Konz.-book. Marie Bashkirtseff's Life in... book by Louly Peacock Konz This scholarly monograph on the Ukrainian-born Russian diarist, artist, and sculptor Marie Bashkirtseff (1858-1884) makes an important contribution to a ... Bashkirtseff, Marie | Reflections on a Genius Sep 1, 2022 — Marie Bashkirtseff, "Self-portrait with a Palette" (1880), oil on canvas. Collection of Musée des Beaux-Arts de Nice (Jules Chéret), Nice, ... Marie Bashkirtseff's life in self-portraits (1858-1884) Marie Bashkirtseff's life in self-portraits (1858-1884); woman as artist in 19th century France. Konz, Louly Peacock. Edwin Mellen Pr. Reframing History: Marie Bashkirtseff Aug 17, 2022 — At least sixty paintings still survive, including The Meeting which is housed at the Musée d'Orsay in Paris. In addition to being a talented ... Parallel Myths by Bierlein, J.F. This is an extremely well-researched and well-organized volume comparing the mythological stories of past civilizations and showing similarities and trends ... Parallel Myths - Kindle edition by Bierlein, J.F.. Literature & ... This is an extremely well-researched and well-organized volume comparing the mythological stories of past civilizations and showing similarities and trends ... Parallel Myths by J.F. Bierlein: 9780345381460 About Parallel Myths Bierlein gathers the key myths from all of the world's major traditions and reveals their common themes, images, and meanings. Parallel Myths by J.F. Bierlein, Paperback This is a marvelous compilation of myths from around the world: western, non-western, and Native American. It is a great book for classes focusing on world ... Parallel Myths by J.F. Bierlein Juxtaposing the most potent stories and symbols from each tradition, Bierlein explores the parallels in such key topics as creation myths, flood myths, tales ... Parallel Myths Summary and Study Guide Parallel Myths by J. F. Bierlein, a scholarly study of cultural mythology and its extensive cross-cultural intersectionality, was originally published in ... Parallel Myths Parallel Myths. J. F. Bierlein. Ballantine Books, \$15.95 (368pp) ISBN 978-0-345-38146-0. A religious scholar and lifelong student of mythology, Bierlein (The ... Parallel Myths - J.F. Bierlein Jun 16, 2010 — The author of Parallel Myths and The Book of Ages, J. F. Bierlein teaches in the Washington Semester and World Capitals Program at American ... Parallel Myths Bierlein's thoughtfully arranged book is largely an anthology, and retells myths explaining the creation of the universe, the great flood, the nature of death ... j f bierlein - parallel myths - First Edition Parallel Myths by Bierlein, J. F. and a great selection of related books, art and collectibles available now at AbeBooks.com. Ken Ludwig's Moon Over Buffalo In the madcap comedy tradition of Lend Me a Tenor, the hilarious Moon Over Buffalo centers on George and Charlotte Hay, fading stars of the 1950s. Moon Over Buffalo: Ludwig, Ken: 9780573626517 Comedy / 4m, 4f / Unit set Charlotte and George Hay, an acting couple not exactly the Lunts are on tour in Buffalo in 1953 with a repertory consisting of ... moon over buffalo MOON OVER BUFFALO. GEORGE.

He did. Yes. Eileen. What can I say? What can I do? EILEEN. I think you did it already, George. GEORGE. Eileen, I'm so sorry. We. download PDF Moon Over Buffalo Mar 16, 2020 — BESTSELLER BOOK. DETAIL. download PDF Moon Over Buffalo. ○ Author : Ken Ludwig. ○ Pages : 136 pages. ○ Publisher : Samuel French ... Moon Over Buffalo | PDF Moon Over Buffalo - Free download as PDF File (.pdf), Text File (.txt) or read online for free. The Village Players Presents A Comedy by ken ludwig in north ... Ken Ludwig's Moon Over Buffalo An 8.5 x 11 spiral-bound script with enlarged text for easy reading and handling on stage. \$17.95. QTY: Quantity: - +. Add to Cart. Ready to perform? Learn ... Moon Over Buffalo (Ludwig) In the madcap comedy tradition of Lend me a Tenor, the hilarious Moon Over Buffalo centers on George and Charlotte Hay, fading stars of the 1950's. Moon Over Buffalo — Ken Ludwig In the madcap comedy tradition of Lend Me A Tenor, Ken Ludwig's Moon Over Buffalo centers on George and Charlotte Hay, fading stars of the 1950s. Moon Over Buffalo ... Script Finder Discounts Submissions. Synopsis. Moon Over Buffalo. Moon Over Buffalo \$10.99. Buy Paperback. Quantity: Ken Ludwig. Published by Samuel French Inc. Moon Over Buffalo (Play) Plot & Characters But on-stage harmony is compromised when George performs an off-stage infidelity, impregnating the company's ingenue. When Charlotte learns of this, she ...