

# Advanced Analysis Of Gene Expression Microarray Data (Science, Engineering, And Biology Informatics) By Aidong Zhang

By Aidong Zhang

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Advanced Analysis of Gene Expression Microarray Data (Science, Engineering, and Biology Informatics)

Advanced Analysis of Gene Expression Microarray Data: Aidong

<http://computertextbooks.blogspot.com/>

## Exploratory differential gene expression analysis -

Statistical design and the analysis of gene expression microarray data. cDNA microarray experiments. J Comput Biology in science and engineering

<http://www.genomebiology.com/2004/5/3/r18>

## Machine Learning in Bioinformatics - Wiley Online -

It is also a valuable reference text for computer science, engineering, and biology courses at the from Microarray Gene Expression Data Aidong Zhang and

<http://onlinelibrary.wiley.com/book/10.1002/9780470397428>

## CiteULike: akastrin's Zhang [3 articles] -

akastrin's Zhang [3 articles] Recent (Science, Engineering, and Biology Informatics) of current methods available for analysis of gene expression microarray data.

<http://www.citeulike.org/user/akastrin/author/Zhang>

## On the selection of appropriate distances for gene -

Clustering is crucial for gene expression data analysis. Zhang A: Advanced Analysis of Gene Expression for clustering gene expression microarray data:

<http://www.biomedcentral.com/1471-2105/15/S2/S2>

## Gene Expression Informatics - Springer -

or obtain insight into the underlying biology of analysis of microarray gene expression data by Gene Expression Informatics Book Title Gene

<http://link.springer.com/protocol/10.1385/1-59259-751-3%3A153>

## Big Data Analytics - Biomedical and Health -

Biomedical and Health Informatics for Personalized Cardiovascular advanced data analytics models for microarray gene expression analysis and

<http://lifesciences.ieee.org/publications/newsletter/april-2014/539-big-data-analytics-biomedical-and-health-informatics-for-personalized-cardiovascular-disease-care>

## Fuzzy Logic for Elimination of Redundant -

and analysis of microarray data. However, gene selection prediction by gene expression monitoring. Science Biology and Genome Informatics

<http://www.sciencedirect.com/science/article/pii/S1672022908600212>

### **An Image Based System Biology Approach for -**

disease utilizing high content analysis, gene expression microarray, gene expression AD related microarray data. Engineering in medicine and biology

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2888520/>

### **A Classification Framework Applied to Cancer Gene -**

Classification of cancer based on gene expression has provided insight into possible incorporating diverse types of genomic data (e.g Multi-Science Agents

<http://multi-science.atypon.com/doi/ref/10.1260/2040-2295.4.2.255>

### **Advanced Analysis Of Gene Expression Microarray -**

Advanced Analysis Of Gene Expression Microarray Data Science, Engineering, and Biology Informatics: Amazon.es: Aidong Zhang: Libros en idiomas extranjeros

<http://www.amazon.es/Advanced-Expression-Microarray-Engineering-Informatics/dp/9812566457>

### **IJCA - A Survey on Different Feature Selection -**

L. , Emerging patterns and gene expression data, Genome Informatics, in Gene Expression Microarray Analysis, Aidong Zhang, Cluster Analysis for Gene

<http://www.ijcaonline.org/archives/volume67/number16/11482-7181>

### **IEEE Xplore Abstract - Cluster analysis for gene -**

Delivering full text access to the world's highest quality technical literature in engineering Aidong Zhang . Abstract analysis for gene expression data

<http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=1339264&contentType=Journals+%26+Magazines>

### **CiteSeerX Gene Expression Informatics and -**

Gene Expression Informatics and Analysis . by serial analysis of gene expression (SAGE). Genetic Engineering: for obtaining expression data by microarray.

<http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.330.7264>

### **Gene expression - IEEE Conferences, Publications, -**

Gene expression -related Conferences and computer science and with biology and medicine Development of a knowledge-based-multi-scheme cancer microarray data

<http://technav.ieee.org/tag/6185/gene-expression>

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while previous analyses using microarray expression data to predict gene Zhang, Su, and Bono data. analysis of microarray gene expression data by

<http://www.jbiol.com/content/3/5/21>

### **IEEE Xplore Full-Text HTML : Scanning the issue -**

To extract and interpret useful information from a massive amount of available data, advanced Engineering, by Zhang Analysis of Global Gene Expression

<http://ieeexplore.ieee.org/xpls/icp.jsp?reload=true&arnumber=1058226>

### **Faculty Expertise in Informatics - School of -**

Faculty expertise in informatics at the University of Minnesota School bioinformatics/ computational biology and data (microarray gene-expression,

<http://sph.umn.edu/faculty1/expertise/informatics/name/wei-pan/>

### **Aidong Zhang - Google Scholar Citations -**

Aidong Zhang. SUNY Distinguished Professor and Chair of Computer Science and Engineering, Advanced analysis of gene expression microarray data. A Zhang.

<http://scholar.google.com/citations?user=O8XxkE4AAAAJ&hl=en>

### **Building gene co- expression networks using -**

Building gene co-expression networks using transcriptomics data for systems biology Gene Co-expression Network Analysis microarray gene expression data from

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3489090/>

### **An Overview on Gene Expression Analysis - -**

Sep 29, 2013 Daxin Jiang, Chun Tang and Aidong Zhang, Cluster analysis for Journal of Advanced Science and edited ,the Gene expression data analysis,

<http://www.slideshare.net/IOSR/f0413136>

### **Co- expression Gene Discovery from Microarray for -**

Co-expression Gene Discovery from Cluster Analysis for Gene Expression Data: for Integrative Systems Biology Book Title Advanced Data Mining

[http://link.springer.com/chapter/10.1007%2F11811305\\_88](http://link.springer.com/chapter/10.1007%2F11811305_88)

### **A Guide To Advanced Real Analysis - -**

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<http://www.hmwu.idv.tw/index.php/teaching/36-microarray/69-microarray-books>

### **Global analysis of gene expression using GeneChip -**

has become a standard tool for parallel gene expression analysis. biology research for the parallel analysis Microarray data quality analysis:

<http://www.sciencedirect.com/science/article/pii/S1369526603000839>

### **Cancer classification using gene expression data -**

vector machine classification of microarray gene expression data, Aidong Zhang, Virtual gene: decision tree for gene expression data analysis,

<http://dl.acm.org/citation.cfm?id=782454>

### **Analysing microarray data in drug discovery using -**

Analysing microarray data in drug discovery using systems biology. analysis of microarray gene expression data via microarray data. Cancer Informatics

<http://www.tandfonline.com/doi/full/10.1517/17460441.2.5.755>

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<http://www.alibris.com/Advanced-Analysis-of-Gene-Expression-Microarray-Data-Aidong-Zhang/book/9344384>

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Large-scale Temporal Gene Expression Mapping Utilizing Gene Functional Classification in Microarray Data Analysis: Aidong Zhang, Murali Ramanathan

<http://citeseerx.ist.psu.edu/showciting?cid=1631237>

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