

## CHAPTER IN BOOK

1. A.FERRO, R. GIUGNO, A. PULVIRENTI, D. SHASHA Behind Efficient Algorithms to Search in Graphs. Book Title: *Graph Data Management: Techniques and Applications*, edited by Shereef Sakr and Eric Pardede, Published by IGI Global, 2011.
2. L. CASCIONE, A.FERRO, R. GIUGNO, G.PIGOLA, A. PULVIRENTI Algorithms and Methods for Expression Profiling Data Classification and Biomarkers Identification. Book Title: *Biological Knowledge Discovery Handbook: Preprocessing, Mining and Postprocessing of Biological Data*, edited by Mourad Elloumi and Albert Y. Zomaya, to be published by Wiley (In preparation).
3. L. CASCIONE, A. FERRO, R. GIUGNO, A. LAGANA', G. PIGOLA, A. PULVIRENTI, D. VENEZIANO Elucidating the role of microRNAs in cancer through data mining techniques. Book Title: *miRNA Cancer Regulation: Advanced Concepts, Bioinformatics and Systems Biology Tools*, edited by Schmitz, Olaf Wolkenhauer and Julio Vera, to be published by Springer New York (In preparation).

## JOURNAL

1. P. ROMANO, R. GIUGNO, P. PULVIRENTI Tools and Collaborative Environments for Bioinformatics Research *Briefings In Bioinformatics*, 2011, doi: 10.1093/bib/bbr055
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## CONFERENCE

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#### PHD THESIS

- *Searching Algorithms and Data Structures For Combinatorial, Temporal and Probabilistic Database.* University of Catania. Tutor: Prof. Alfredo Ferro, Prof. Dennis Shasha. January 2003.