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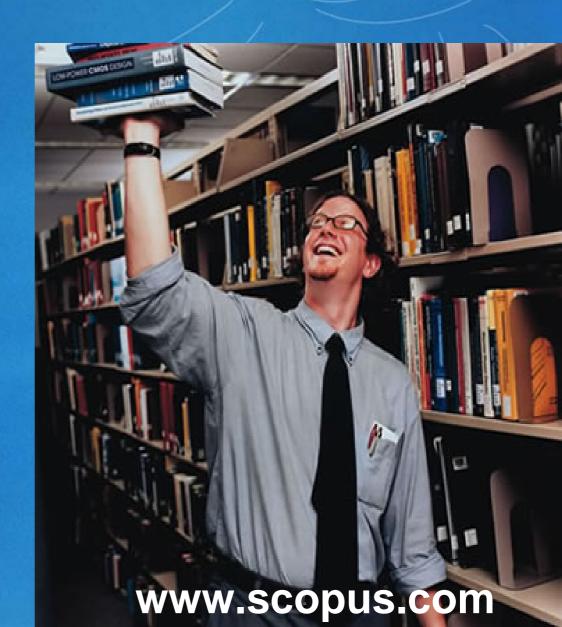


- Trainer's Name
- Training Location
- Date of Training

Boonya Charnnok Chulalongkorn University 29 June, 2007

SCOPUS

Scopus is the largest abstract and citation database.



## **About Scopus**



Scopus is the largest abstract and citation database of research literature and quality web sources. Quick, easy and comprehensive, Scopus provides superior support of the literature research process. Users can spend less time mastering databases and more time on research. It's the easiest way to find relevant results fast.

## **Coverage Today**



- Over 15,000 peer-review titles from more than 4,000 international publishers.
- 29 million abstract records
- 265 million references, added to all abstracts

 275 million quality web sources which include 21 million patents.

## Subject areas covered



- Life Sciences: 3,400 titles
- Health Sciences: 5,300 titles (100%
   Medline coverage)
- Physical Sciences: 5,500 titles
- Social Sciences: 2,850 titles

## **Tasks Scopus Facilitates**



- 1. Finding (new) articles in a familiar subject field
- 2. Finding author-related information
  - Articles by a specific author
  - Information to help evaluate a specific author
- 3. Staying up-to-date
- 4. Getting an overview or understanding of a new subject field

#### Who is involved?



Scopus was developed in close collaboration with librarians and researchers from more than 30 institutions around the world through the Development Partner Program.

### Perform a search

SCOPUS

- Basic search
- Author search
- Advanced search
- Quick search
- Source Search

#### View result



- Tabular display
- Refine result
- Search within results

#### Link to full text



Full text articles are only click away and links are displayed directly from the results list.

- View at publisher
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#### SCOPUS

# Browse citations/reference

- Articles publisher since 1996.
- Set up a document citation alert to receive notice for new citing articles.
- View articles that share reference by using Related Document.

## Alert set up



- Search alert send new results from a previous search directly to your mailbox.
- Document citation alerts notify you when an article you specify is cited by another article.
- The alerts can run daily, weekly or monthly.

## **Export results**



- To reference management software.
- User can link directly from the reference saved in RefWorks to the citation.
- Bibliography.

### SCOPUS

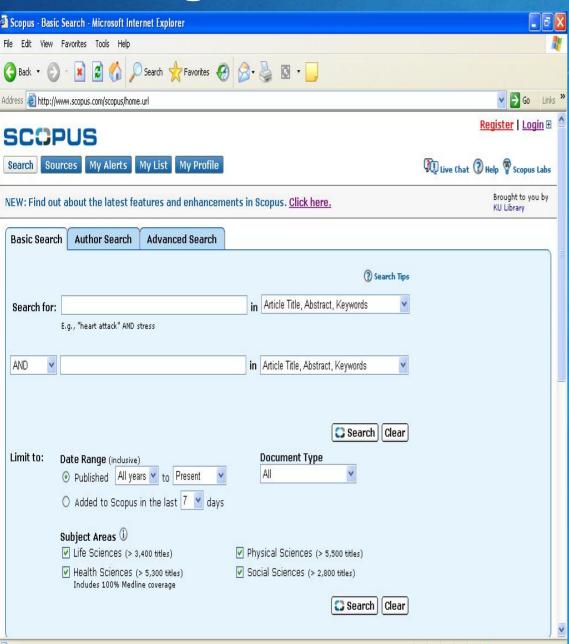
## Refer to search history

- To review results, edit your searches, save them for a future session or set up alert.
- For more user tips and help
- For an overview of the latest feature in Scopus

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## **Getting start**





#### Home Page Features:

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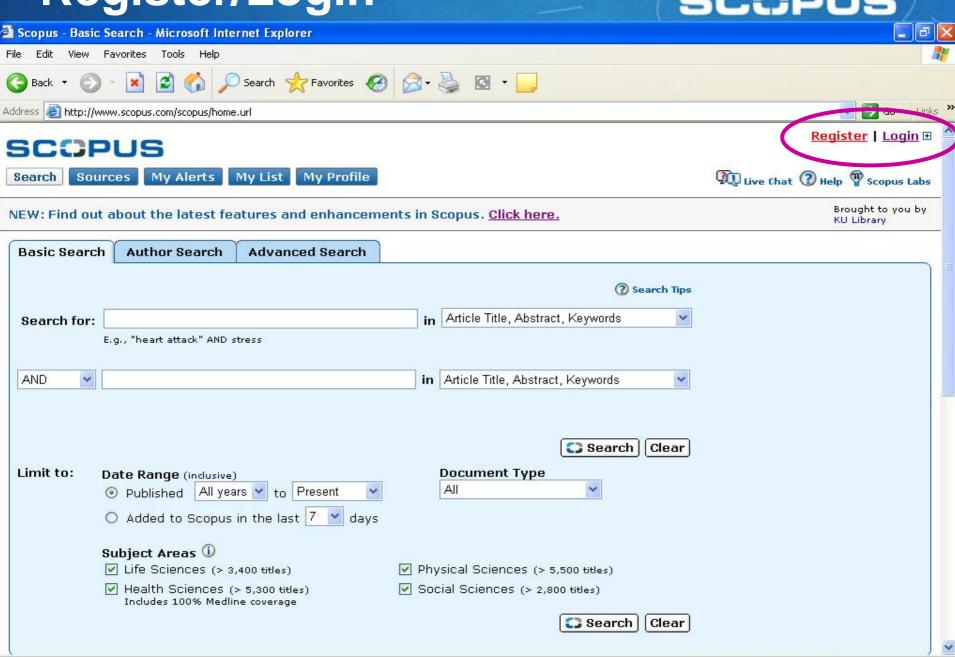
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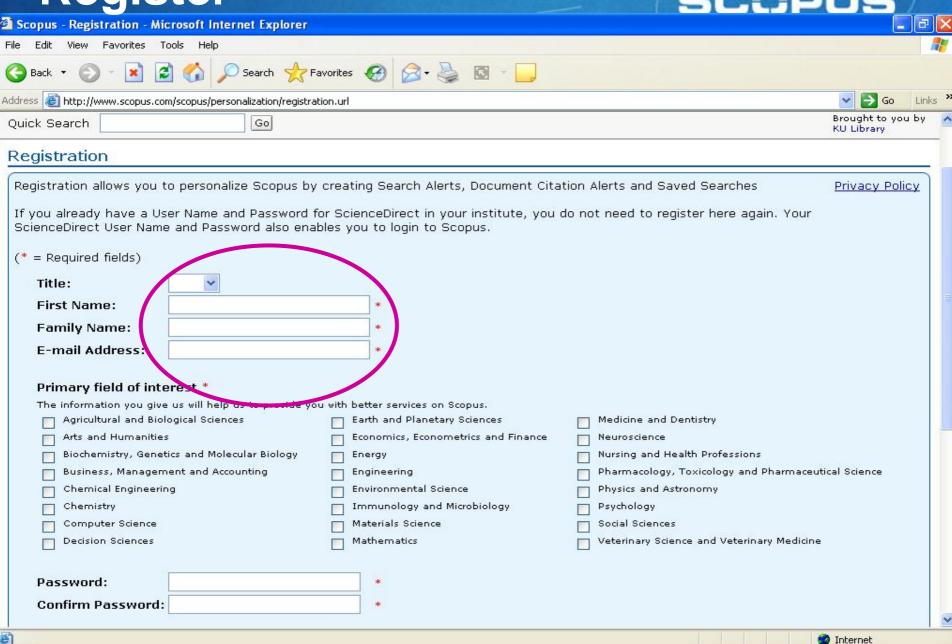
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Register





### Register / Login (cont'd)



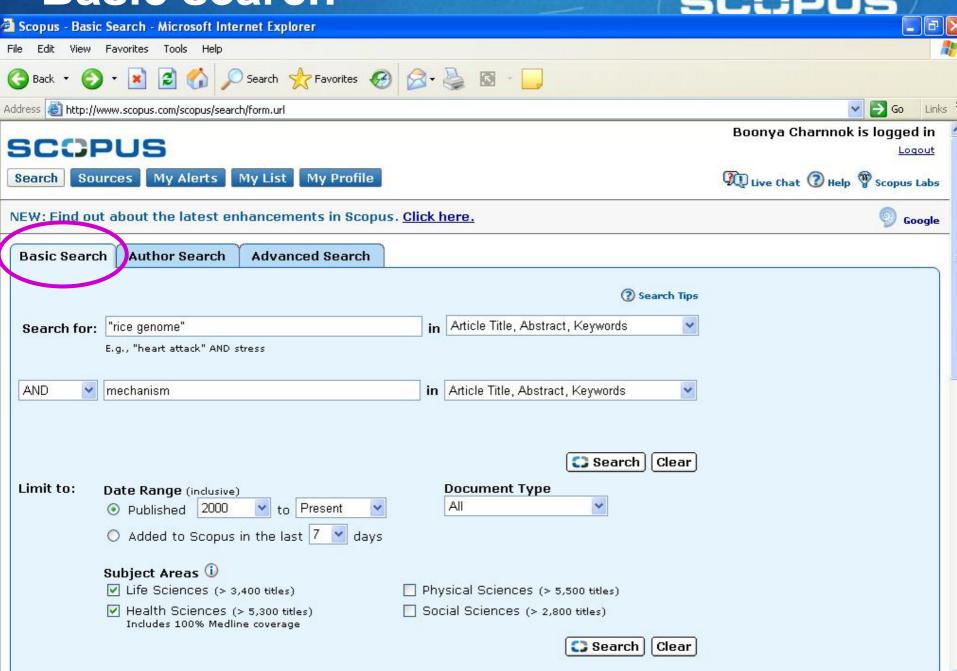
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## Benefits of Register / Login scopus

- Alert Services
  - Search profiles
  - Document citation monitoring
- Saved Searches
  - Recall to retrieve updated information
- My List
  - Stores and displays groups of records from searches

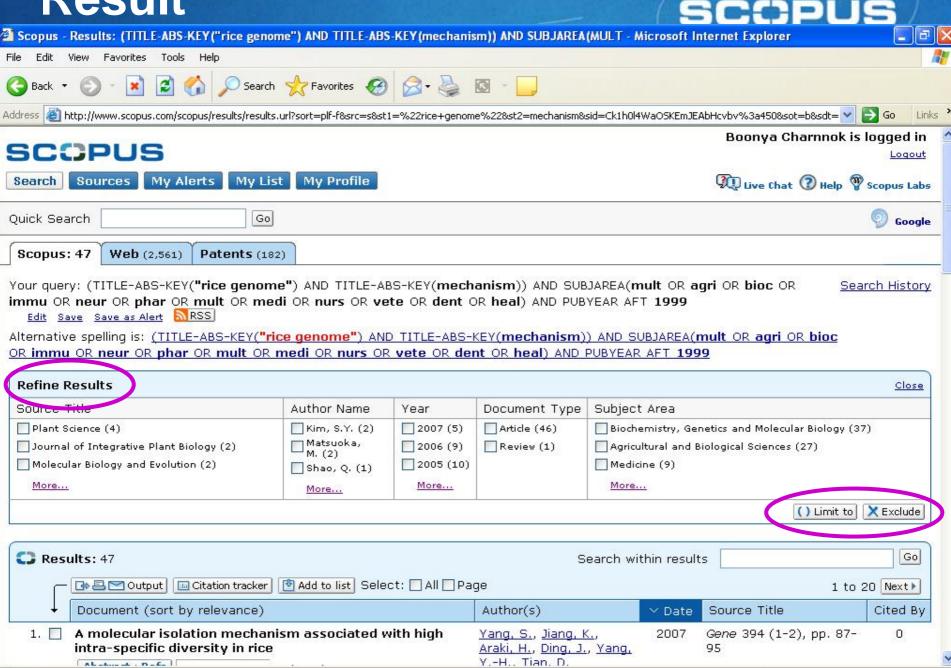
#### **Basic search**





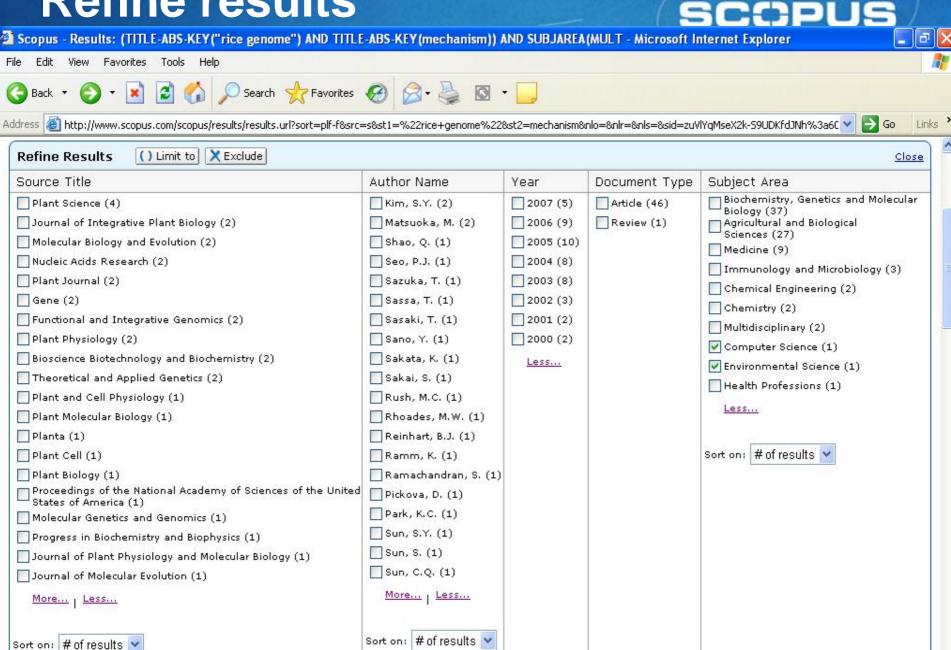
#### Result





#### Refine results

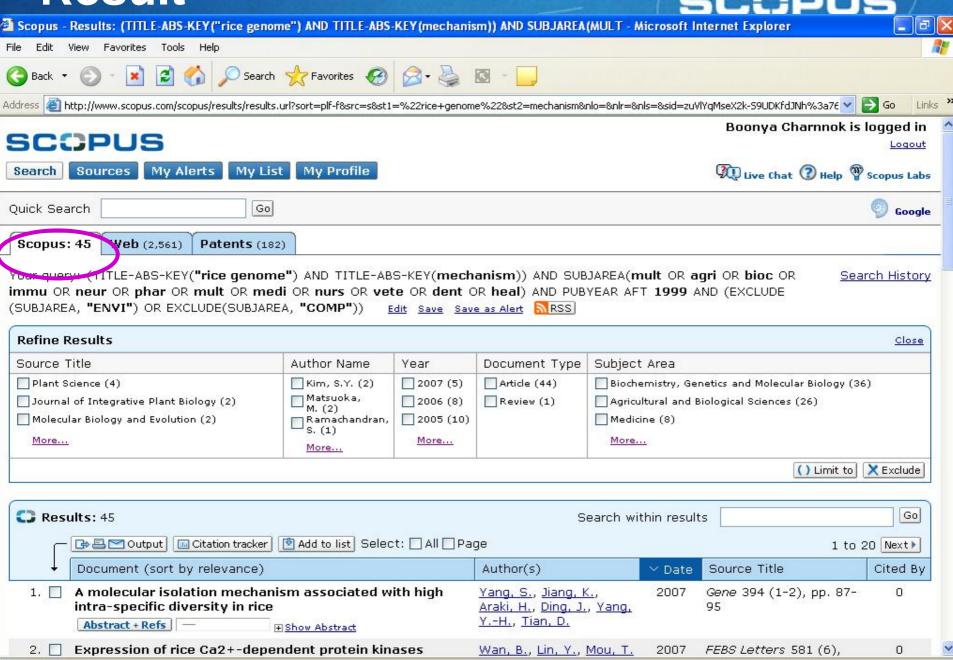




() Limit to X Exclude

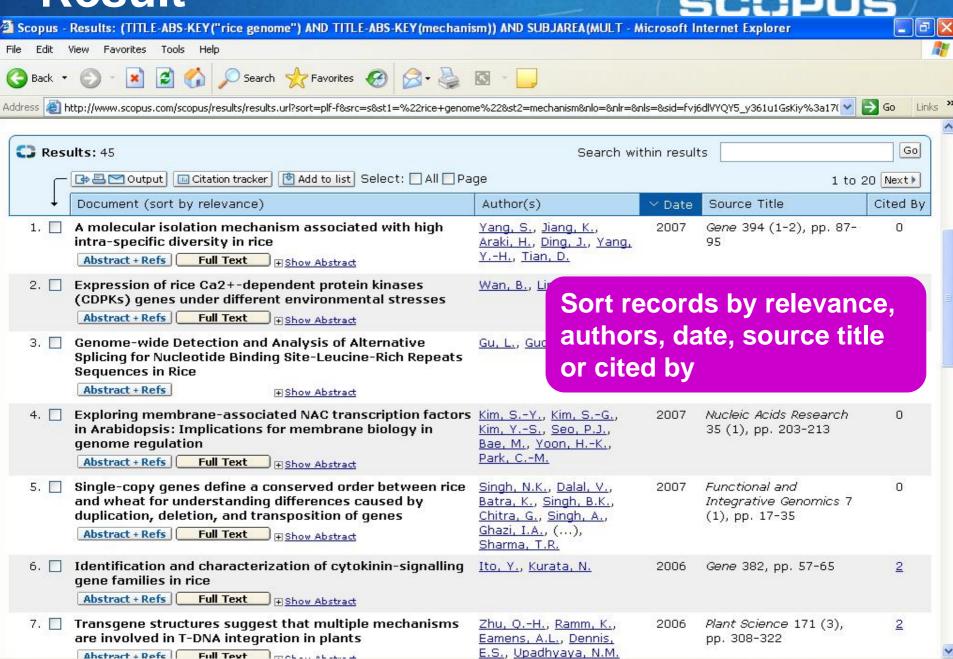
#### Result





#### Result





## Records – Key Features

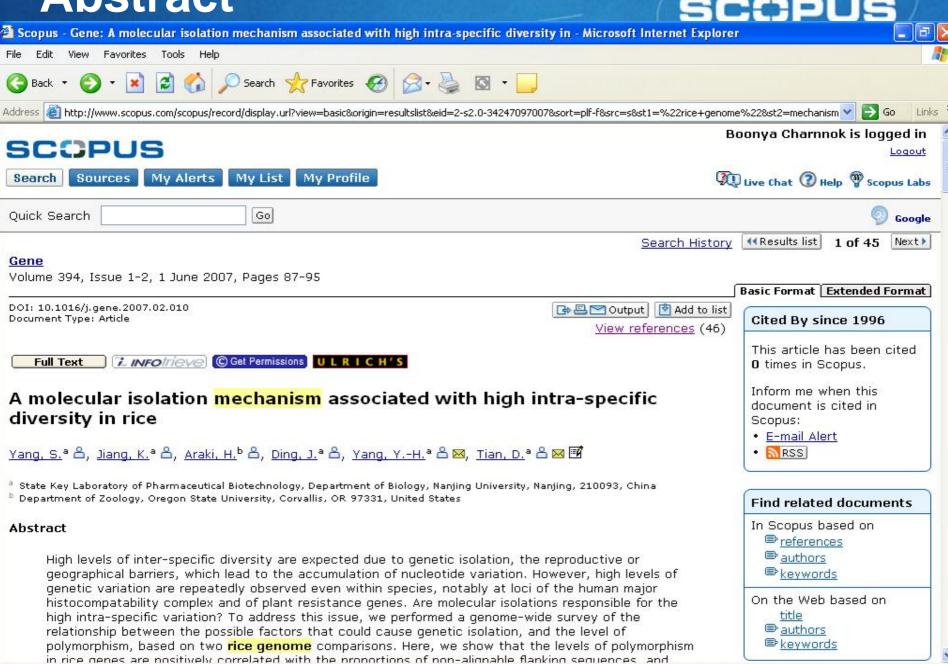


- Abstract + Refs
  - abstract, article title, author names
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  - References and Cited By's
  - Related Documents links
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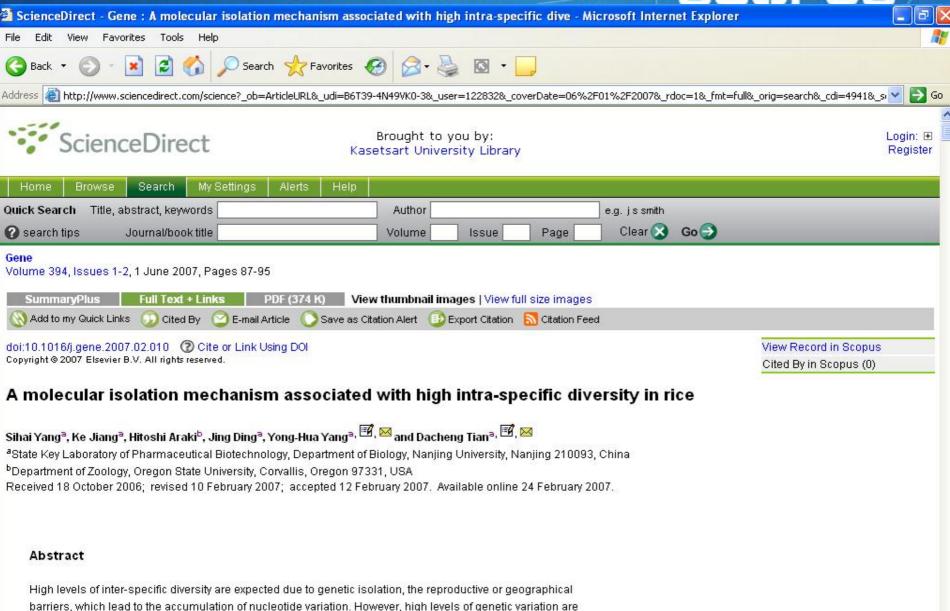
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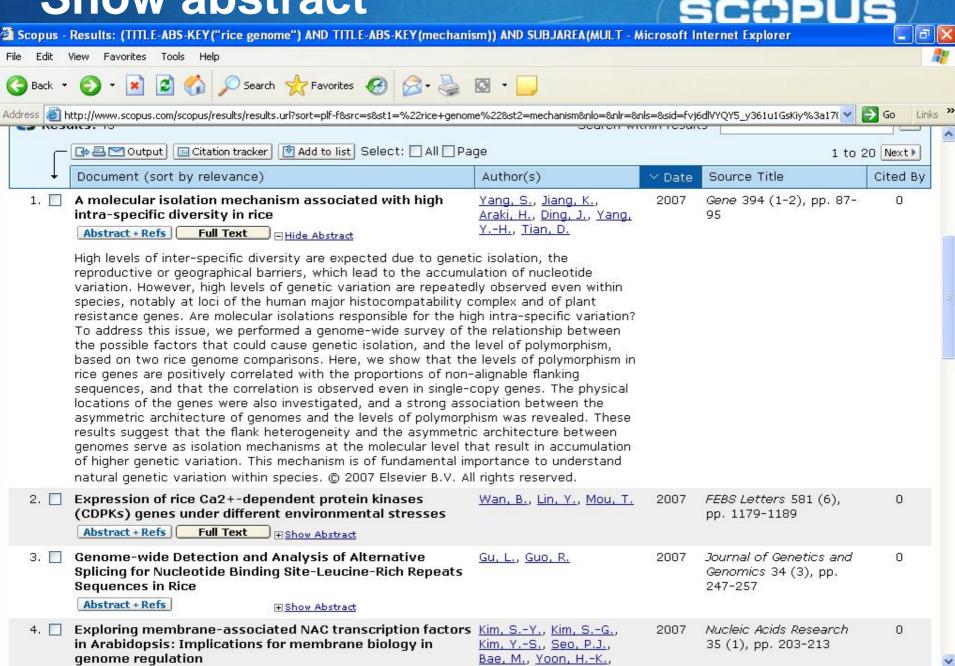


repeatedly observed even within species, notably at loci of the human major histocompatability complex and of plant resistance genes. Are molecular isolations responsible for the high intra-specific variation? To address

Help is Available

#### **Show abstract**

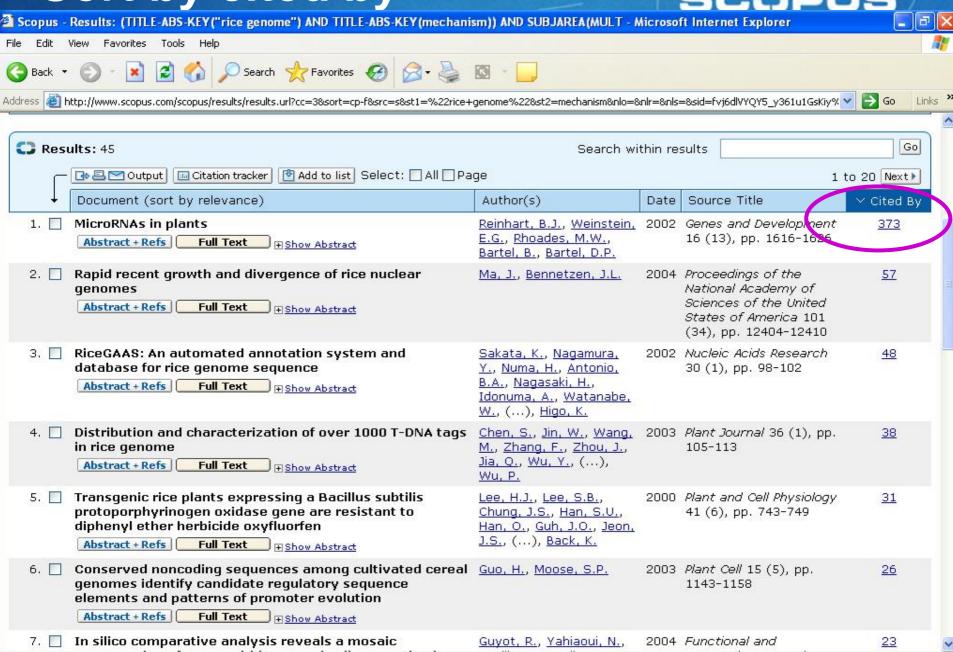




### Sort by cited by

Done





## **Scopus Author Identifier**



- Author searching in A&I databases is hampered by two serious problems:
  - How to distinguish between an author's articles and those of another <u>authors sharing the same name</u>?
  - How to group an author's articles together when his or her <u>name has been recorded in different ways</u>? (e.g. Stambrook, P and Stambrook, P.J.)
- These problems can result in retrieving incomplete or inaccurate results.

## Solving the Problem

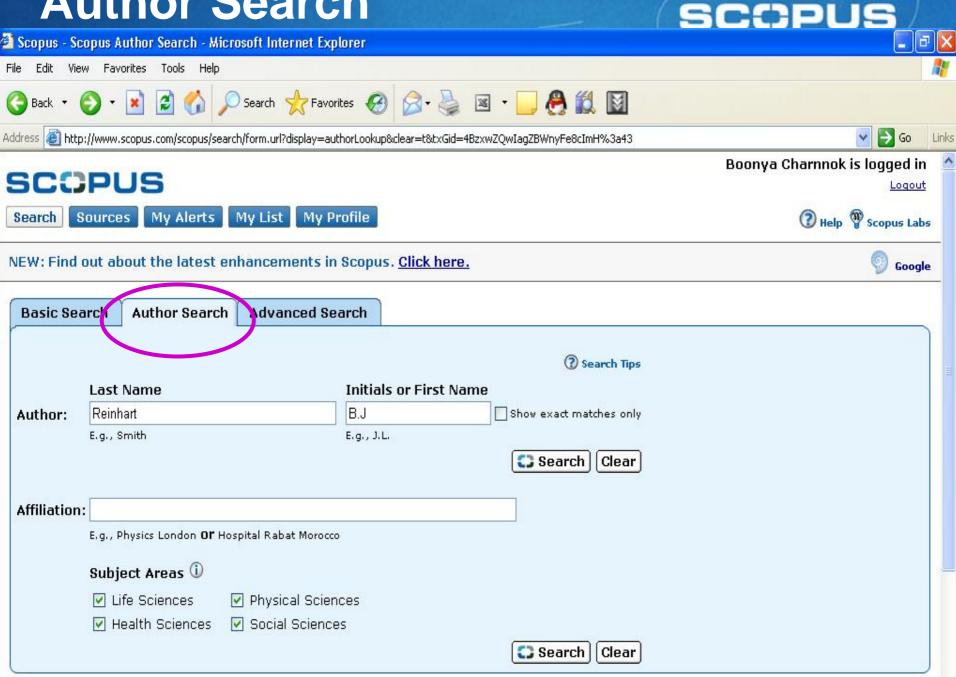


- We have approached solving these problems by using the data available in the publication records such as...
  - Author Names
  - Affiliation
  - Co-authors
  - Self citations
  - Source title
  - Subject area
- ...and used this data to group articles that belong to a specific author.

So, how does it work?

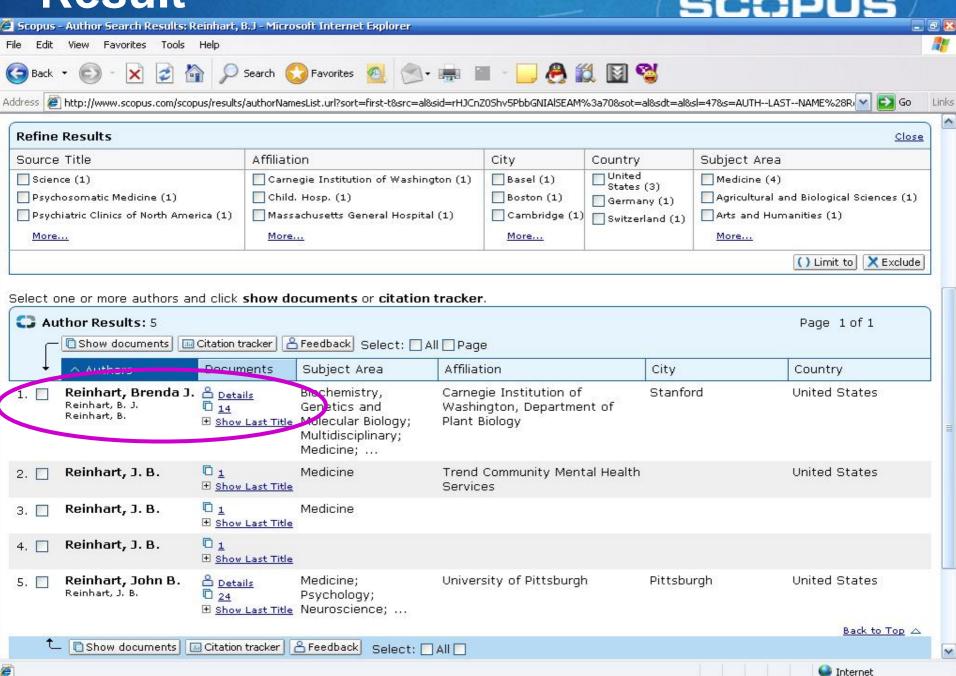
#### **Author Search**





#### Result

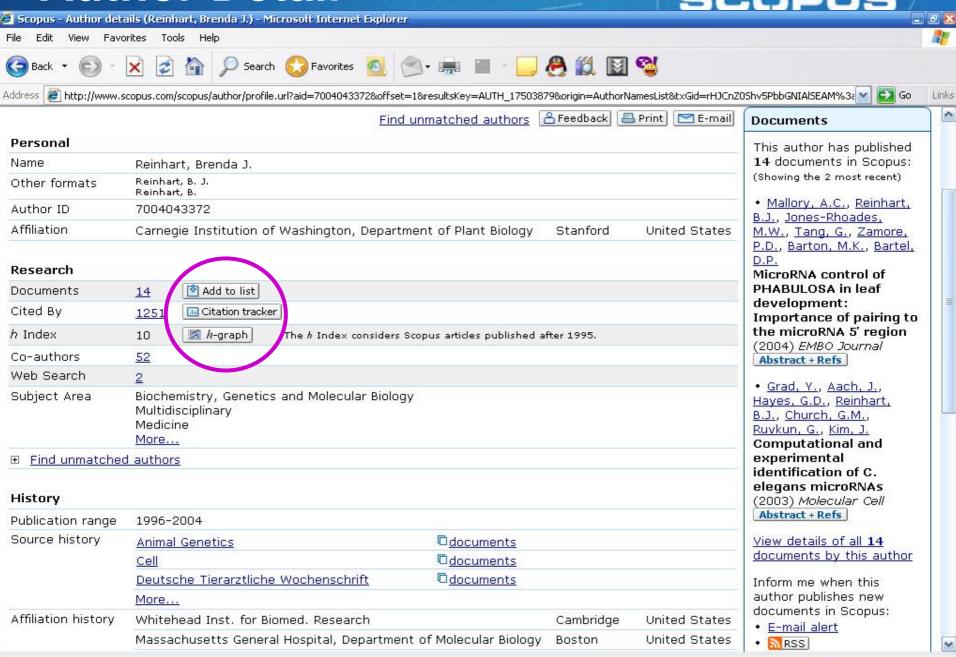




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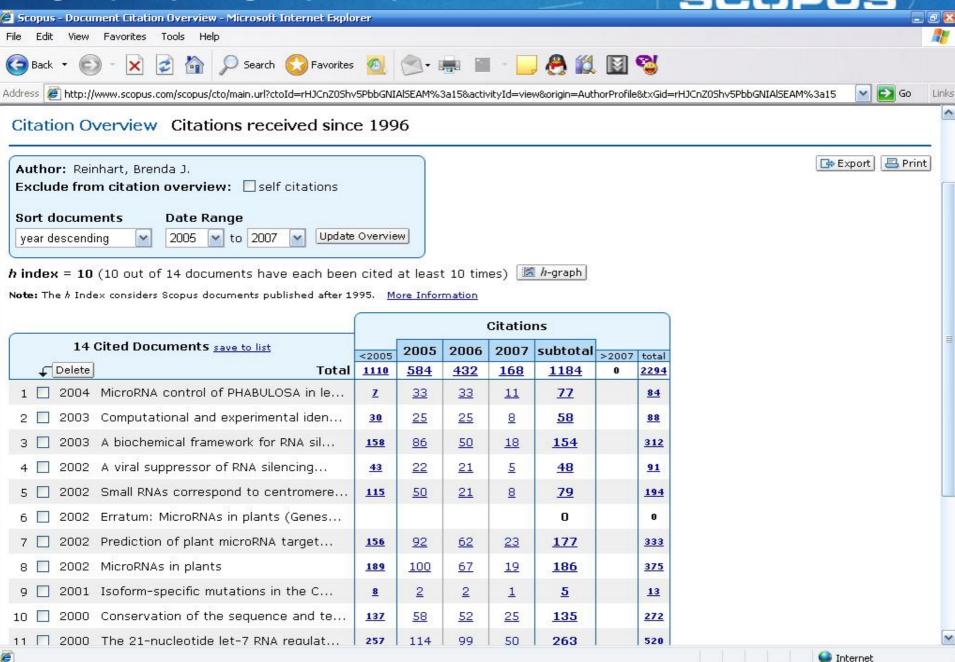
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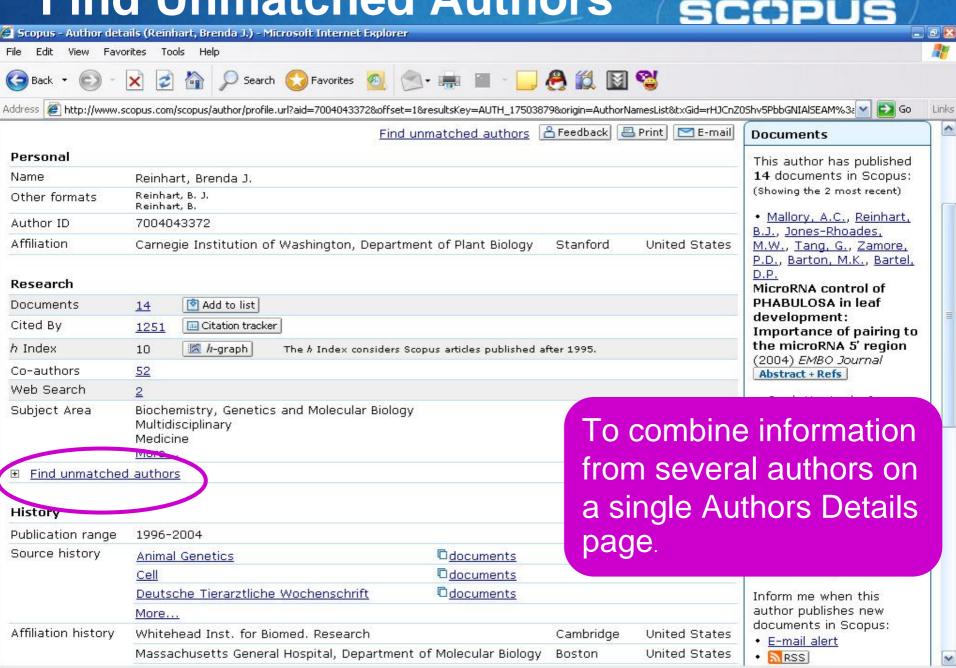




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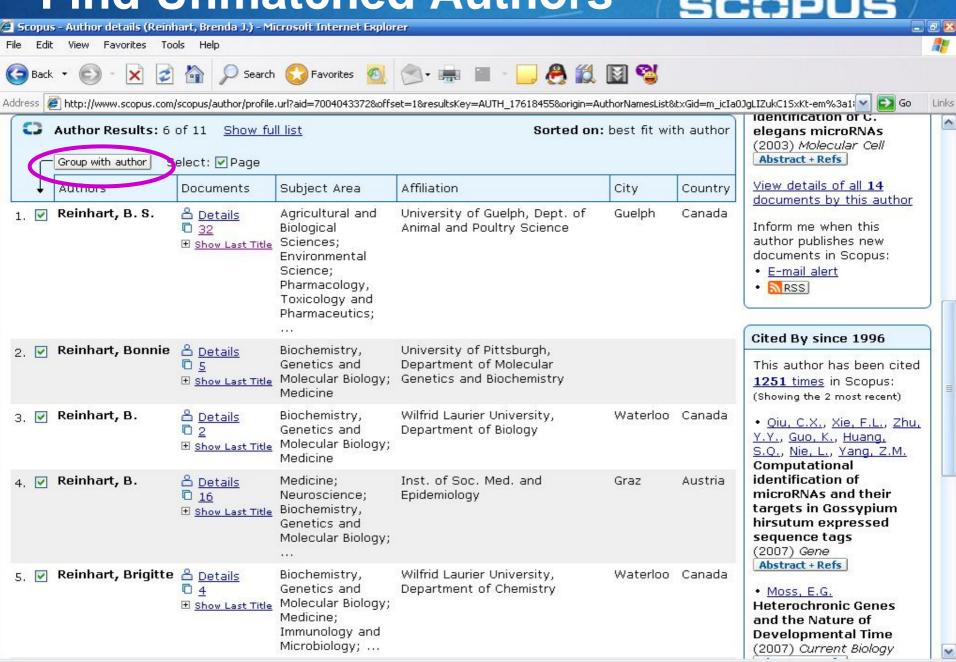
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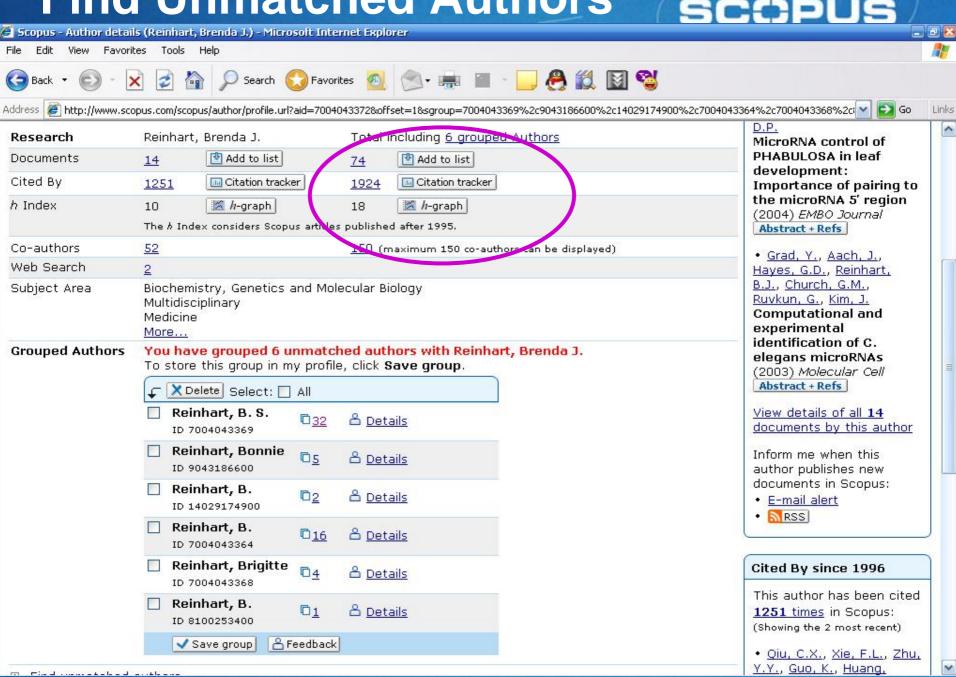
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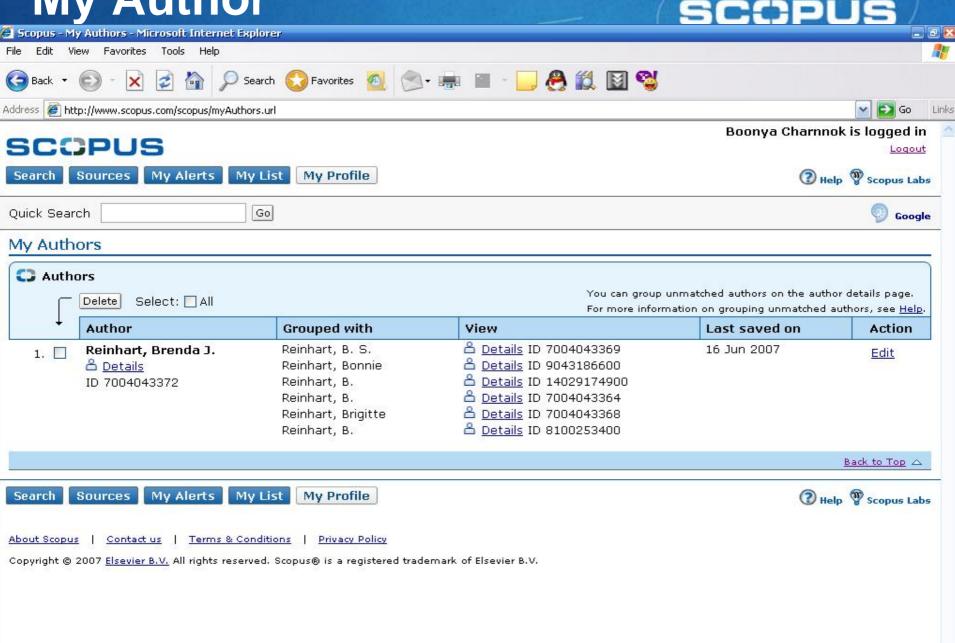
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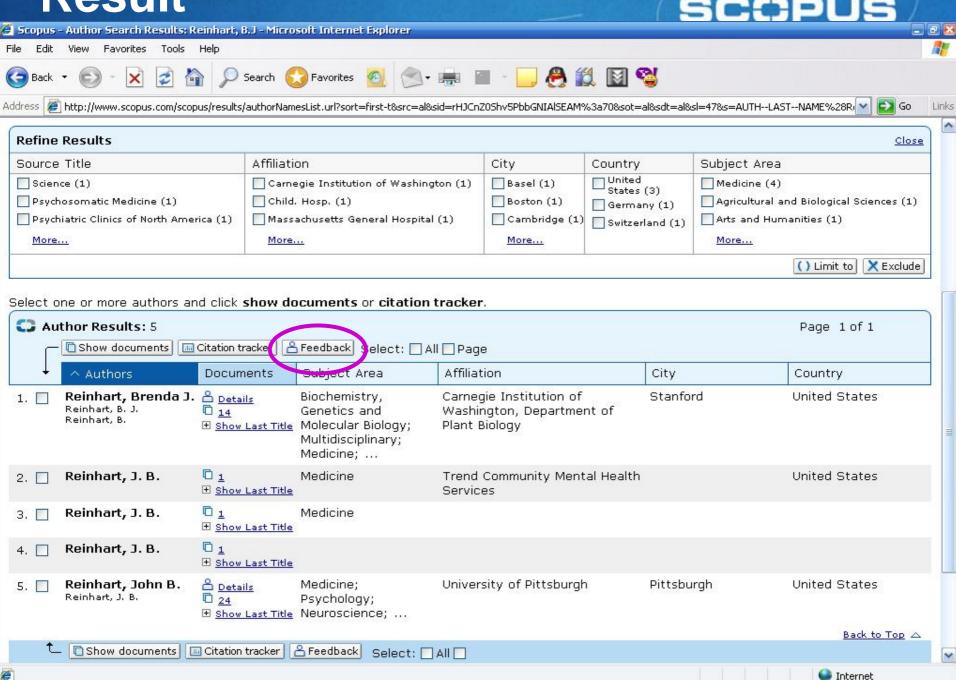
# My Author





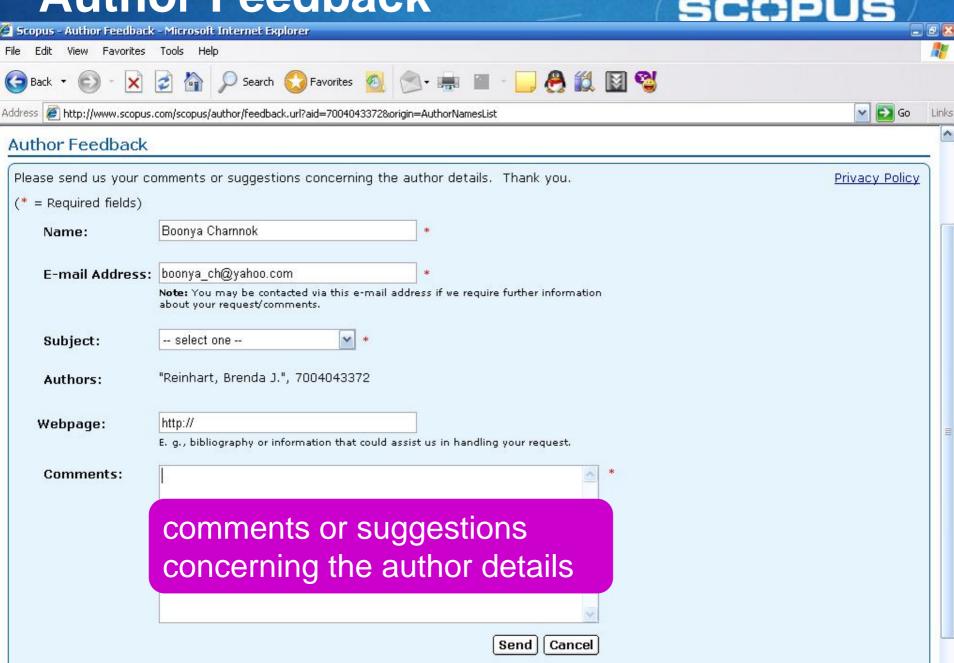
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## **Author Feedback**

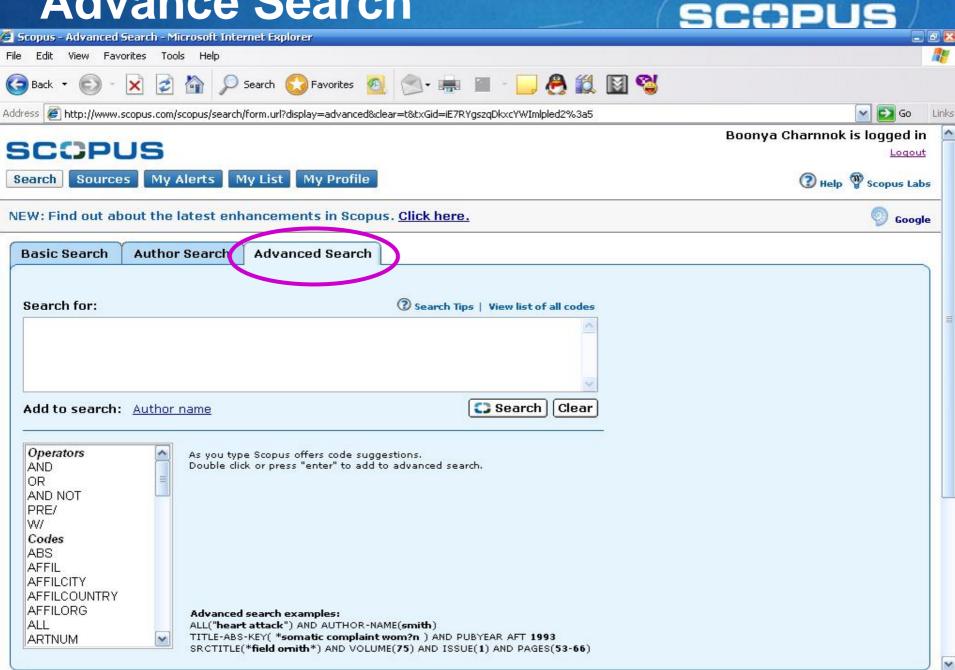




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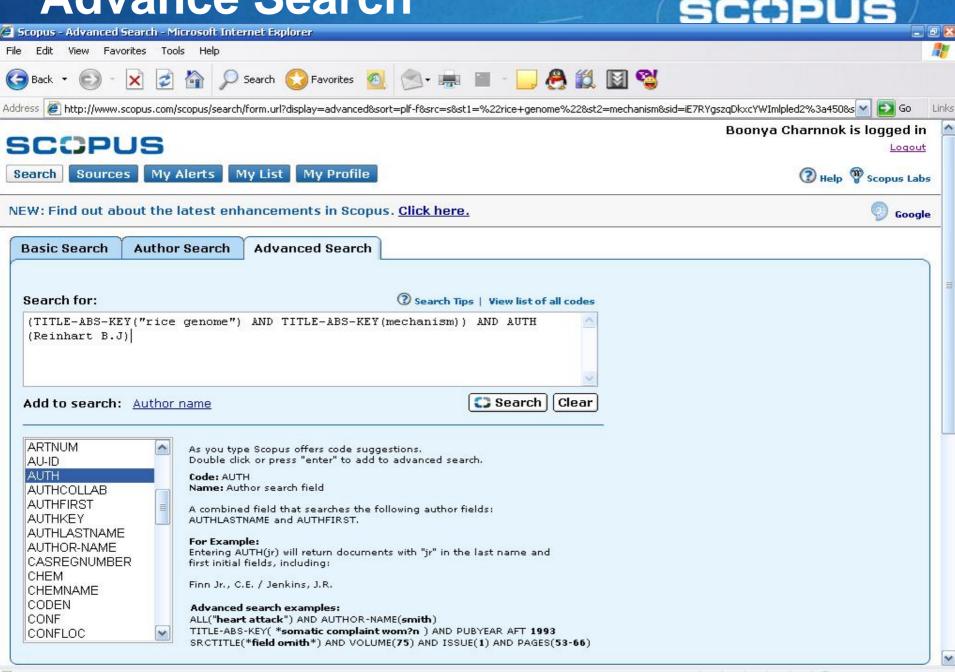
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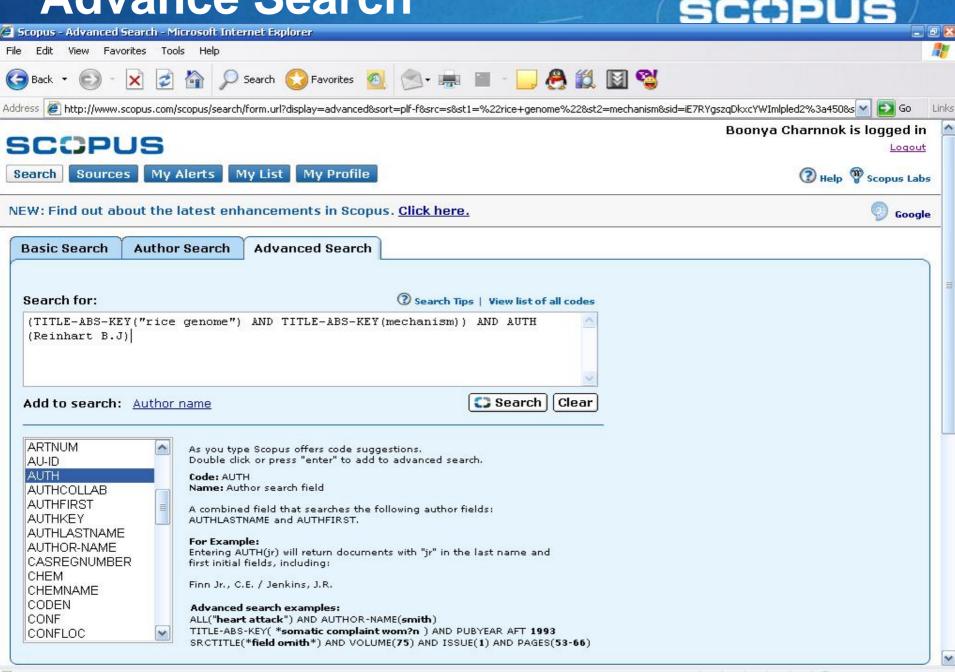
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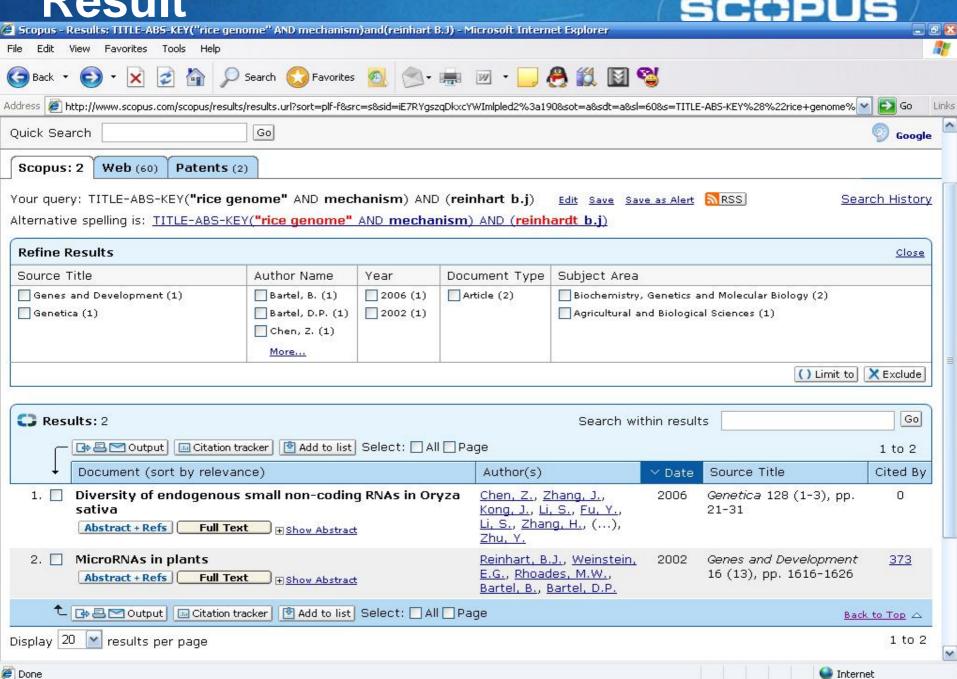


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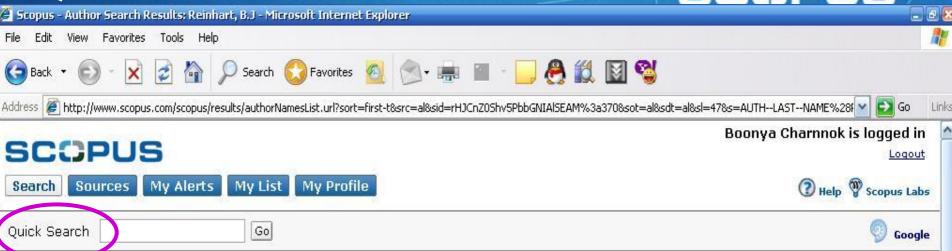






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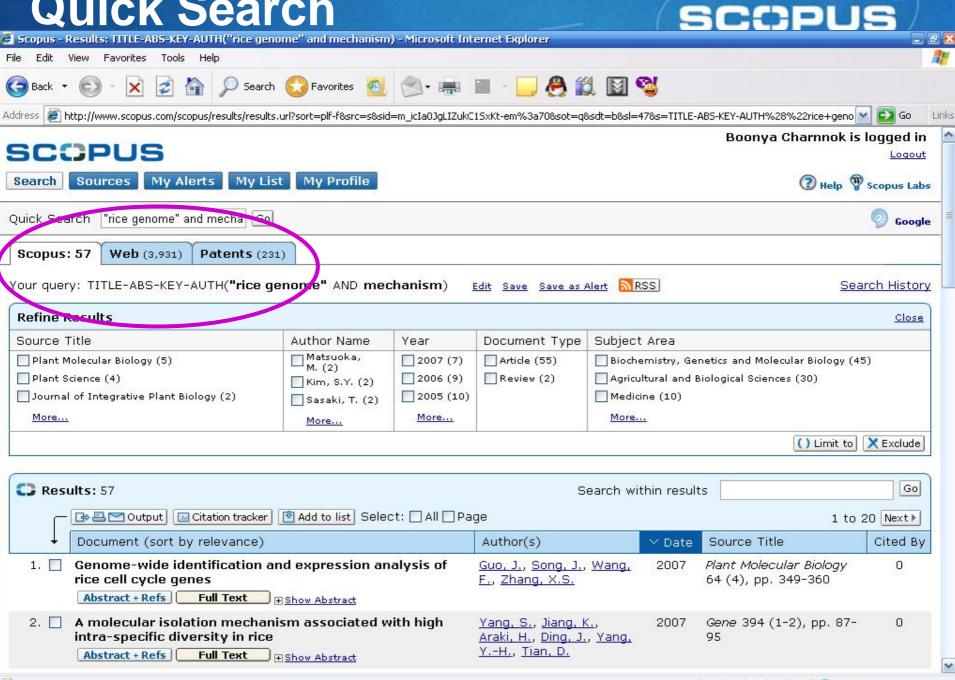




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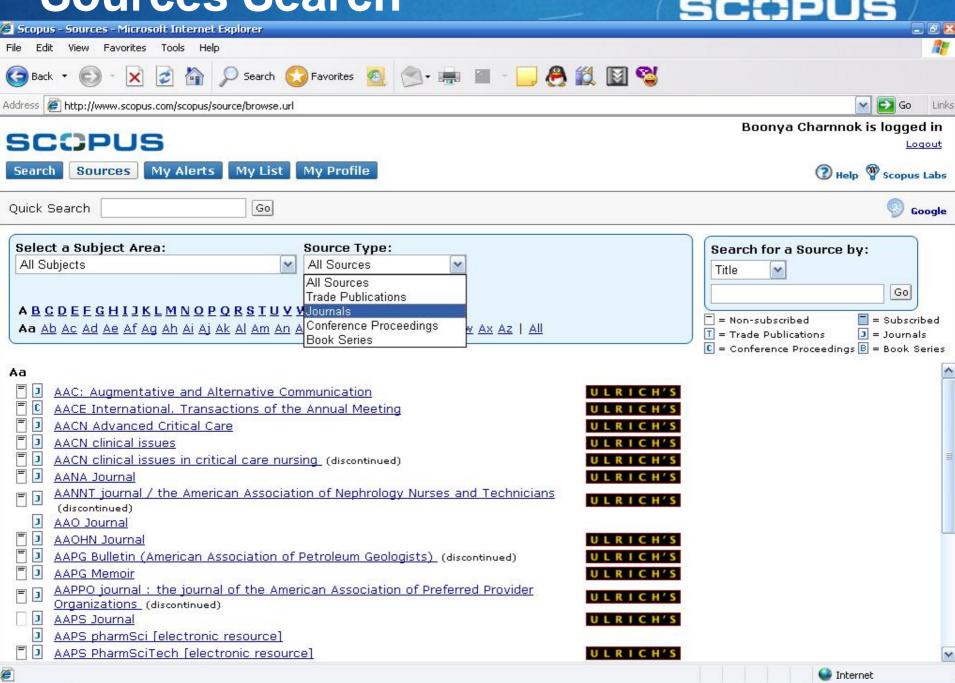
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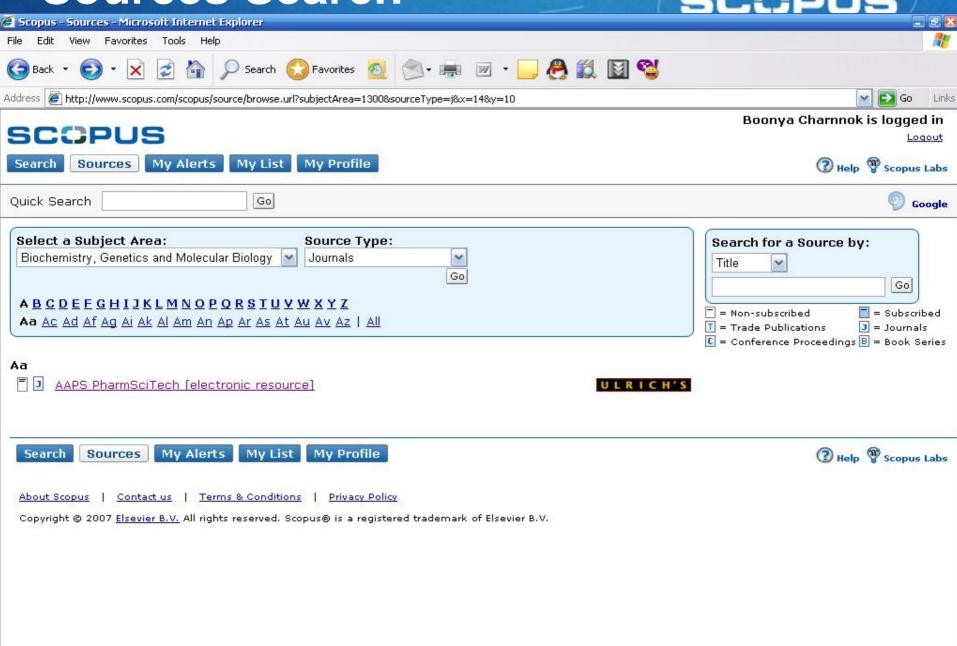
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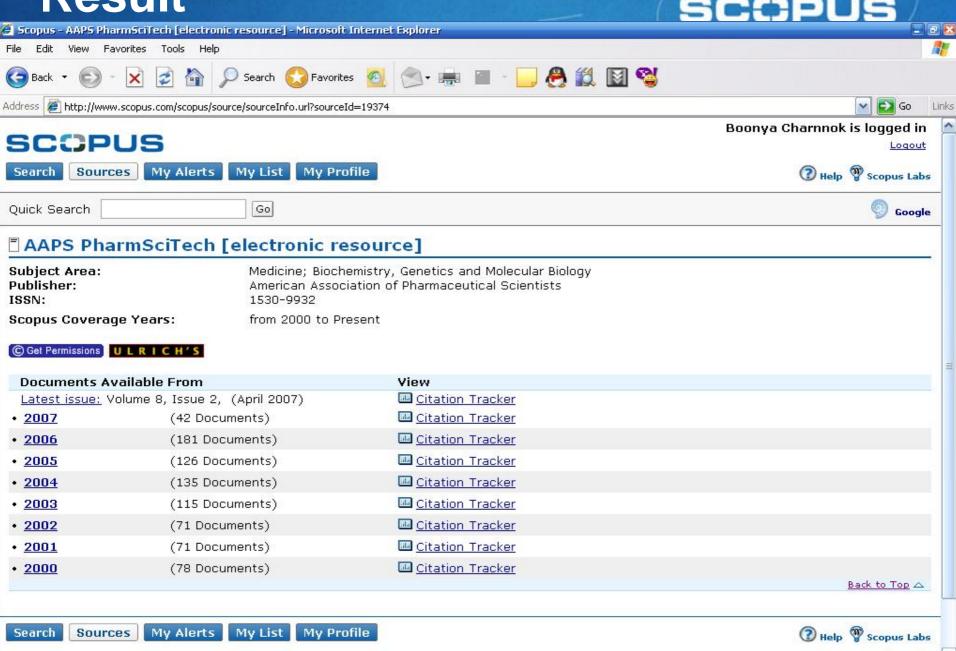
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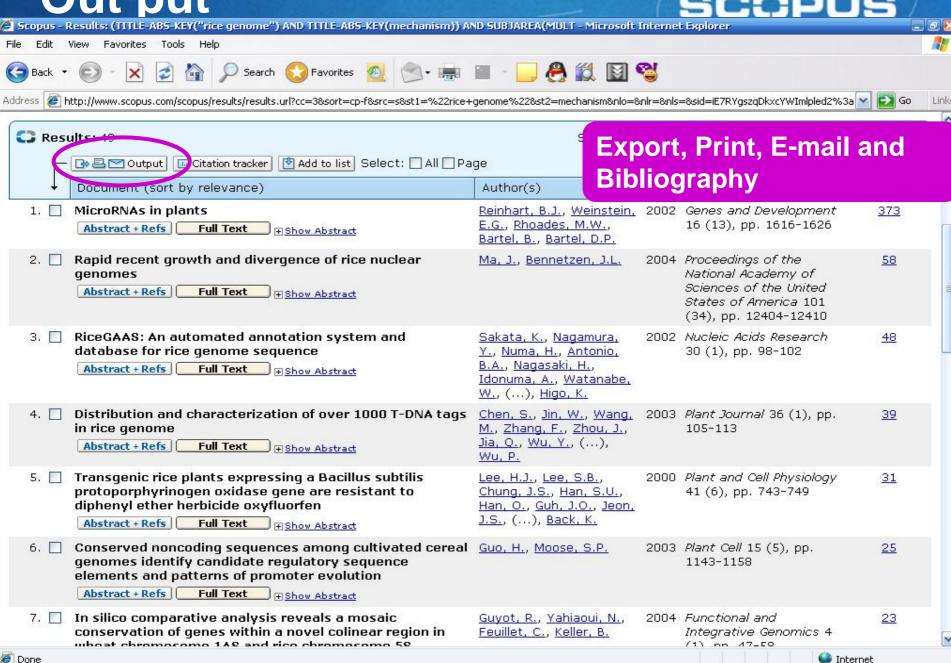
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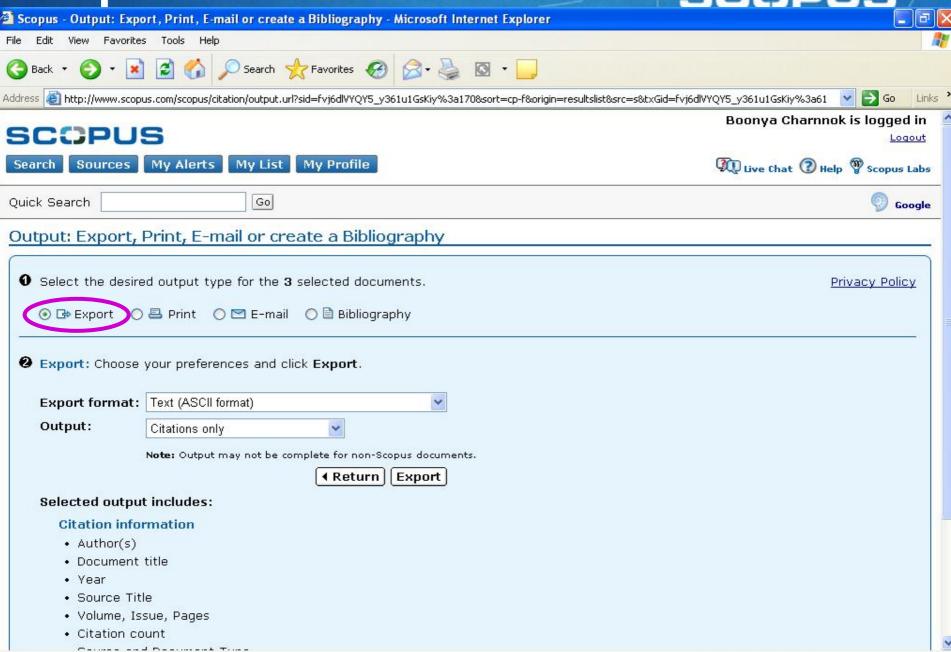
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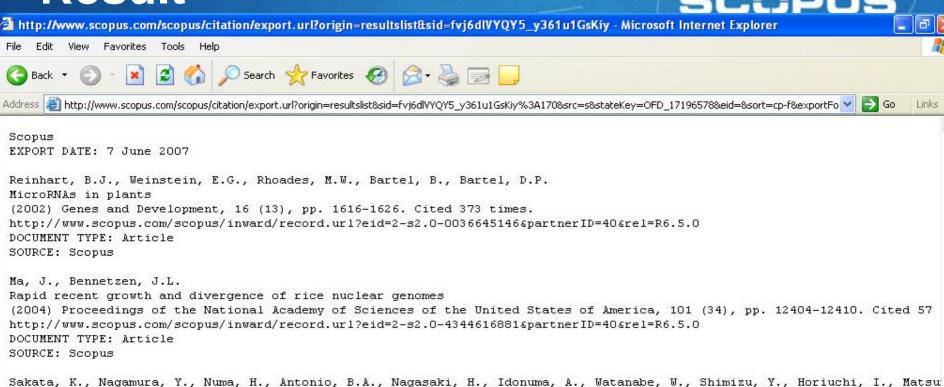


# **Export**









Sakata, K., Nagamura, Y., Numa, H., Antonio, B.A., Nagasaki, H., Idonuma, A., Watanabe, W., Shimizu, Y., Horiuchi, I., Matsu RiceGAAS: An automated annotation system and database for rice genome sequence

(2002) Nucleic Acids Research, 30 (1), pp. 98-102. Cited 48 times.

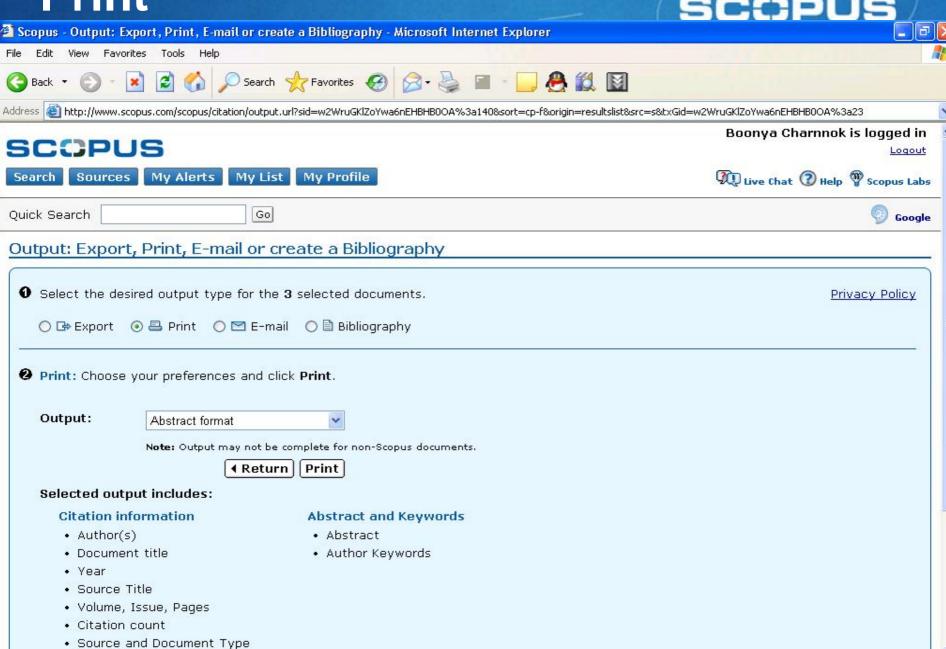
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#### SCOPUS Documents

Reinhart, B.J., Weinstein, E.G., Rhoades, M.W., Bartel, B., Bartel, D.P.

#### MicroRNAs in plants

(2002) Genes and Development, 16 (13), pp. 1616-1626. Cited 373 times.

Whitehead Inst. for Biomed. Research, Department of Biology, Massachusetts Inst. of Technology, Cambridge, MA 02142, United States

#### Abstract

MicroRNAs (miRNAs) are an extensive class of ~22-nucleotide noncoding RNAs thought to regulate gene expression in metazoans. We find that miRNAs are also present in plants, indicating that this class of noncoding RNA arose early in eukaryotic evolution. In this paper 16 Arabidopsis miRNAs are described, many of which have differential expression patterns in development. Eight are absolutely conserved in the rice genome. The plant miRNA loci potentially encode stem-loop precursors similar to those processed by Dicer (a ribonuclease III) in animals. Mutation of an Arabidopsis Dicer homolog, CARPEL FACTORY, prevents the accumulation of miRNAs, showing that similar mechanisms direct miRNA processing in plants and animals. The previously described roles of CARPEL FACTORY in the development of Arabidopsis embryos, leaves, and floral meristems suggest that the miRNAs could play regulatory roles in the development of plants as well as animals.

#### **Author Keywords**

CARPEL FACTORY; Dicer; miRNA; ncRNA; siRNA

Document Type: Article

Source: Scopus

Ma, J., Bennetzen, J.L.

#### Rapid recent growth and divergence of rice nuclear genomes

(2004) Proceedings of the National Academy of Sciences of the United States of America, 101 (34), pp. 12404-12410. Cited 57 times.

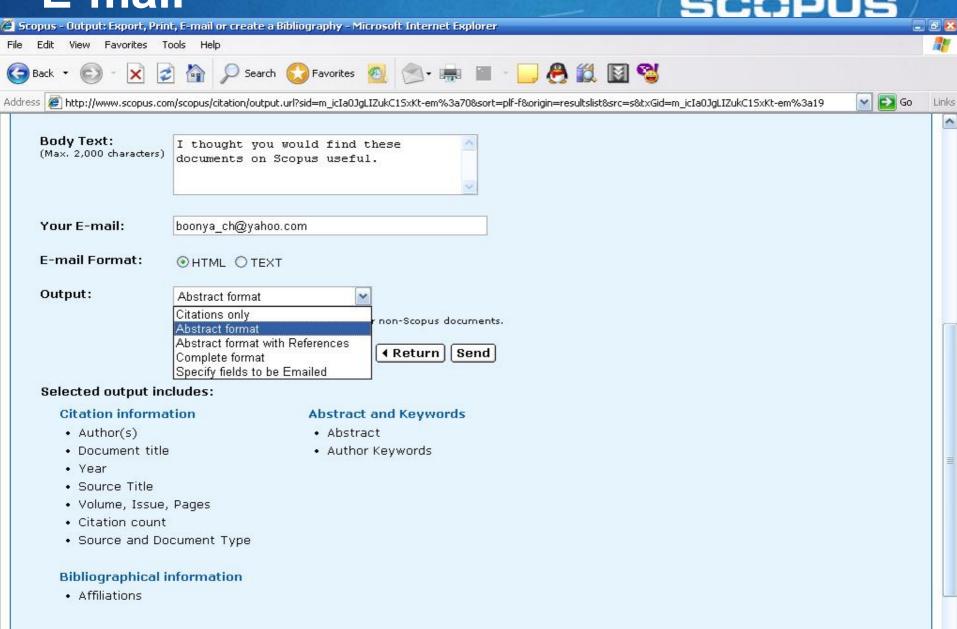
Department of Genetics, University of Georgia, Athens, GA 30602, United States

#### Abstract

By employing the nuclear DNA of the African rice Oryza glaberrima as a reference genome, the timing, natures, mechanisms, and specificities of recent sequence evolution in the indica and japonica subspecies of Oryza sativa were identified. The data indicate that the genome sizes of both indica and japonica have increased substantially, >2% and >6%, respectively, since their divergence from a common ancestor, mainly because of the amplification of LTR-retrotransposons. However, losses of all classes of DNA sequence through unequal homologous recombination and illegitimate recombination have attenuated the growth of the rice genome. Small deletions have been particularly frequent throughout the

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Guo, J., Song, J., Wang, F., Zhang, X.S.

Genome-wide identification and expression analysis of rice cell cycle genes
(2007) Plant Molecular Biology, 64 (4), pp. 349-360.

Abstract + Refs

Shandong Key Laboratory of Crop Biology, College of Life Sciences, Shandong Agricultural University, Taian, Shandong 271018, China

#### Abstract

Cyclins, cyclin-dependent kinases, and a number of other proteins control the progression of plant cell cycle. Although extensive studies have revealed the roles of some cell cycle regulators and the underlying mechanisms in Arabidopsis, relatively a small number of cell cycle regulators were functionally analyzed in rice. In this study, we describe 41 regulators in the rice genome. Our results indicate that the rice genome contains a less number of the core cell cycle regulators than the Arabidopsis one does, although the rice genome is much larger than the Arabidopsis one. Eight groups of CDKs similar to those in Arabidopsis were identified in the rice genome through phylogenetic analysis, and the corresponding members in the different groups indude EZF, CKI, Rb, CKS and Wee. The structures of the core cell regulators were relatively conserved between the rice and Arabidopsis genomes. Furthermore, the expression of the majority of the core cell cycle genes was spatially regulated, and the most closely related ones showed very similar patterns of expression, suggesting functional redundancy and conservation between the highly similar core cell cycle genes in rice and Arabidopsis. Following auxin or cytokinin treatment, the expression of the core cell cycle genes was either upregulated or downregulated, suggesting that auxin and/or cytokinin may directly regulate the expression of the core cell cycle genes. Our results provide basic information to understand the mechanism of cell cycle regulation and the functions of the rice cell cycle genes. Our 7 Springer Science #Business Media B.V.

#### **Author Keywords**

Auxin; Core cell cycle genes; Cytokinin; Expression pattern; Rice

**Document Type:** Article **Source:** Scopus

Guo J., Song J., Wang F., Zhang X.S.
Genome-wide identification and expression analysis of rice cell cycle genes

Text

http://www.scopus.com/scopus/record/display.url?view=basic&origin=resultslist&eid=2-s2.0-34249774911&relpos=1

Shandong Key Laboratory of Crop Biology, College of Life Sciences, Shandong Agricultural University, Taian, Shandong 271018, China

(2007) Plant Molecular Biology, 64 (4), pp. 349-360.

#### Abstract

Cyclins, cyclin-dependent kinases, and a number of other proteins control the progression of plant cell cycle. Although extensive studies have revealed the roles of some cell cycle regulators and the underlying mechanisms in Arabidopsis, relatively a small number of cell cycle regulators were functionally analyzed in rice. In this study, we describe 41 regulators in the rice genome. Our results indicate that the rice genome contains a less number of the core cell cycle regulators than the Arabidopsis one does, although the rice genome is much larger than the Arabidopsis one. Eight groups of CDKs similar to those in Arabidopsis were identified in the rice genome through phylogenetic analysis, and the corresponding members in the different groups include E2F, CKI, Rb, CKS and Wee. The structures of the core cell regulators were relatively conserved between the rice and Arabidopsis genomes. Furthermore, the expression of the majority of the core cell cycle genes was spatially r! egulated, and the most closely related ones showed very similar patterns of expression, suggesting functional redundancy and conservation between the highly similar core cell cycle genes in rice and Arabidopsis. Following auxin or cytokinin treatment, the expression of the core cell cycle genes was either upregulated or downregulated, suggesting that auxin and/or cytokinin may directly regulate the expression of the core cell cycle genes. Our results provide basic information to understand the mechanism of cell cycle regulation and the functions of the rice cell cycle genes. ยฉ 2007 Springer Science+Business Media B.V.

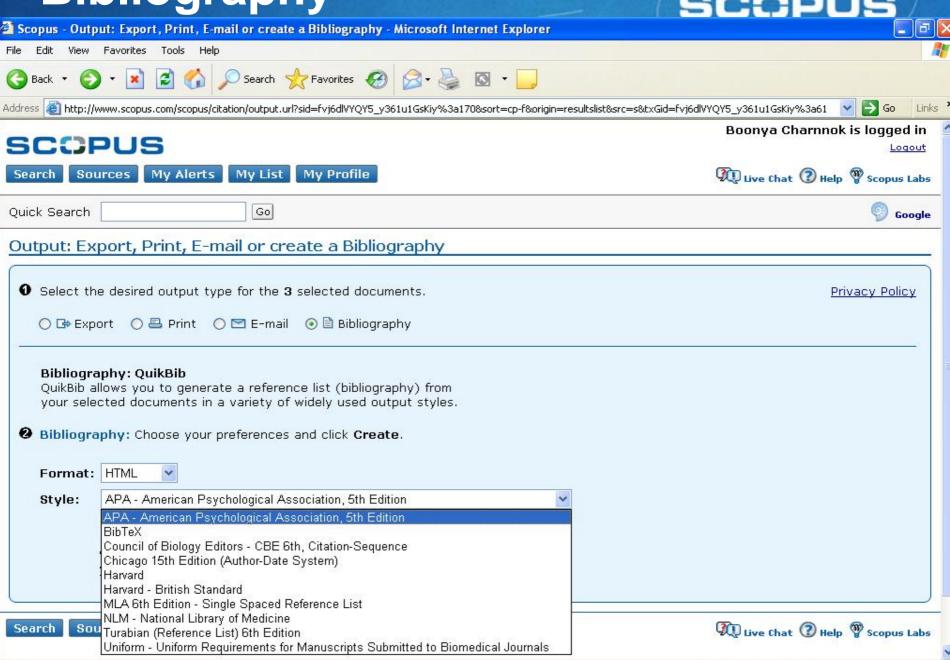
#### Author Keywords

Auxin; Core cell cycle genes; Cytokinin; Expression pattern; Rice

# Bibliography

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References

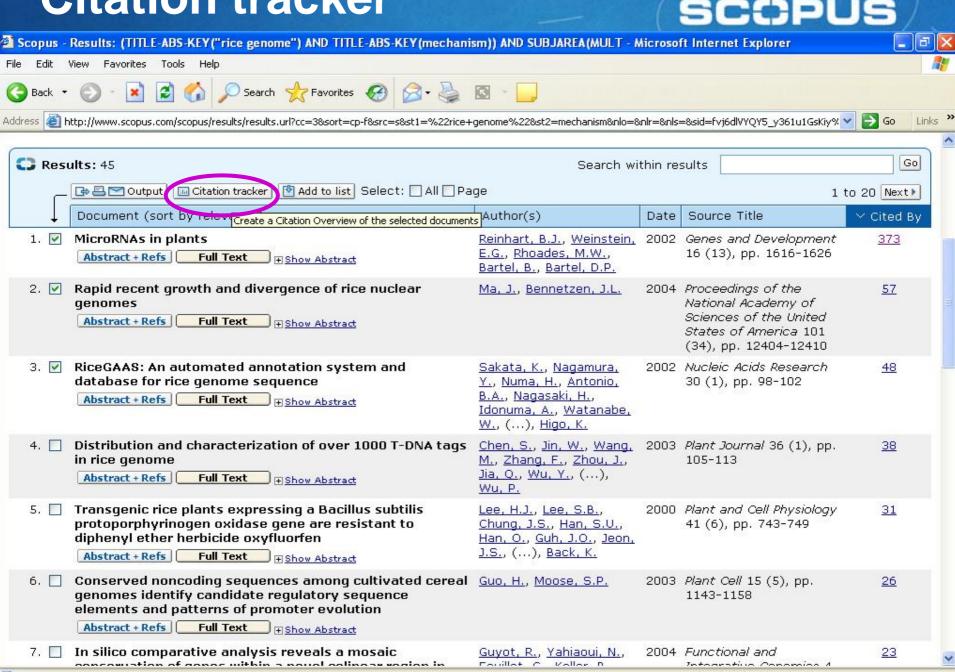
Ma, J., & Bennetzen, J. L. (2004). Rapid recent growth and divergence of rice nuclear genomes. *Proceedings of the National Academy of Sciences of the United States of America*, 101(34), 12404-12410. Retrieved June 7, 2007, from Scopus database.

Reinhart, B. J., Weinstein, E. G., Rhoades, M. W., Bartel, B., & Bartel, D. P. (2002). MicroRNAs in plants. *Genes and Development*, 16(13), 1616-1626. Retrieved June 7, 2007, from Scopus database.

Sakata, K., Nagamura, Y., Numa, H., Antonio, B. A., Nagasaki, H., & Idonuma, A. et al. (2002). RiceGAAS: An automated annotation system and database for rice genome sequence. *Nucleic Acids Research*, 30(1), 98-102. Retrieved June 7, 2007, from Scopus database.

### Citation tracker





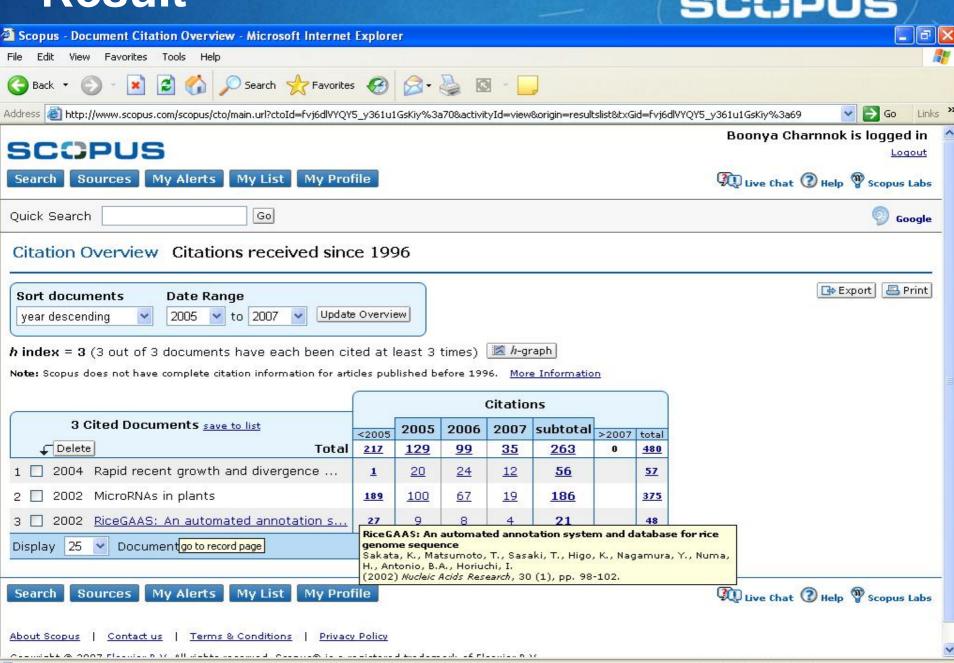
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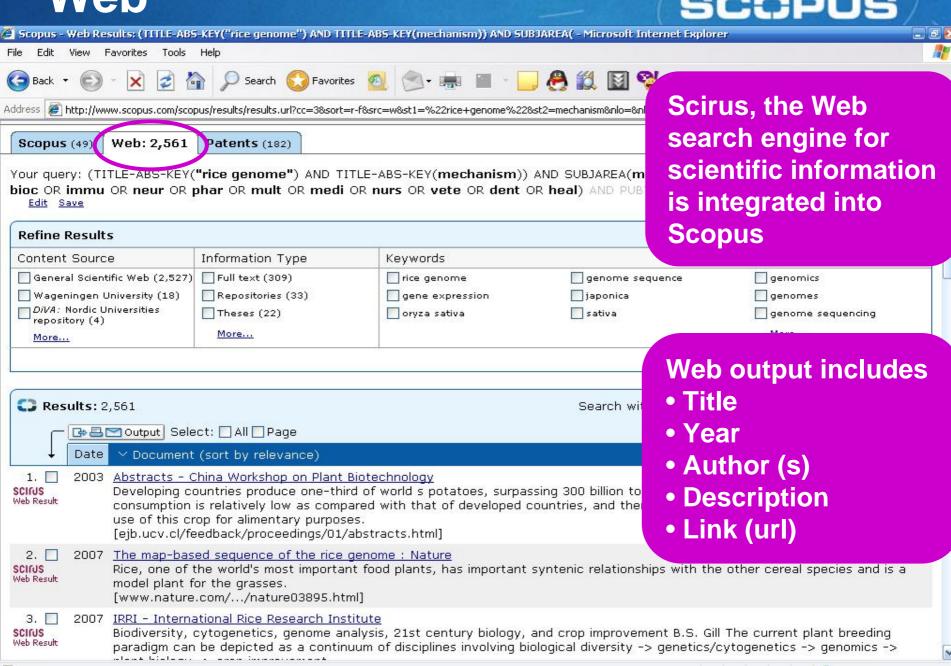


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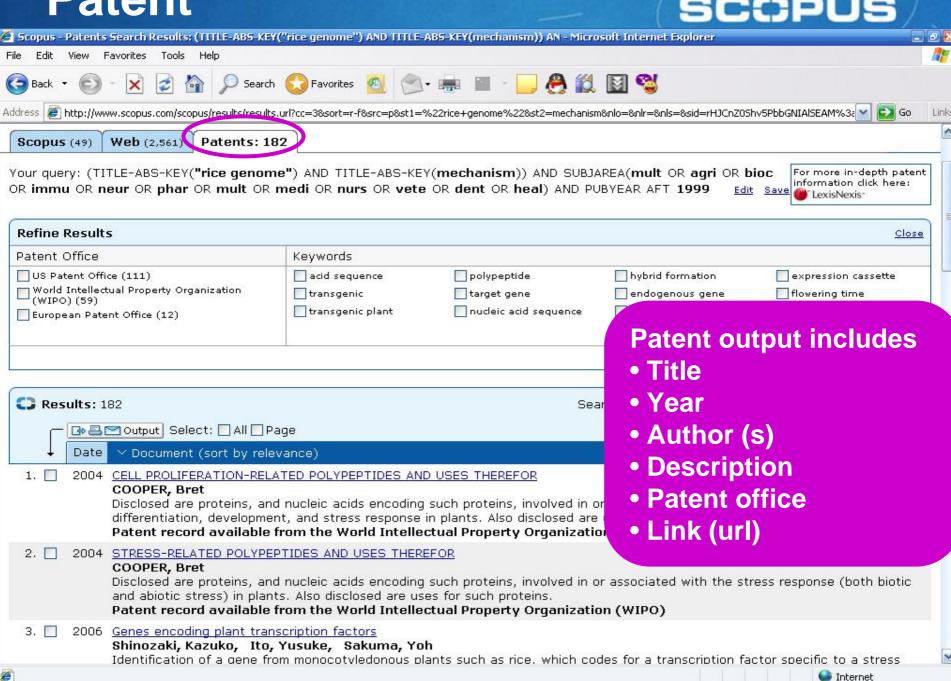
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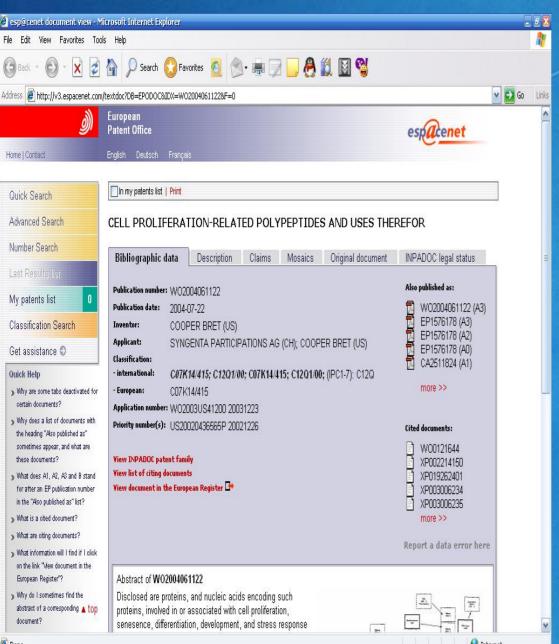




### **Patent**









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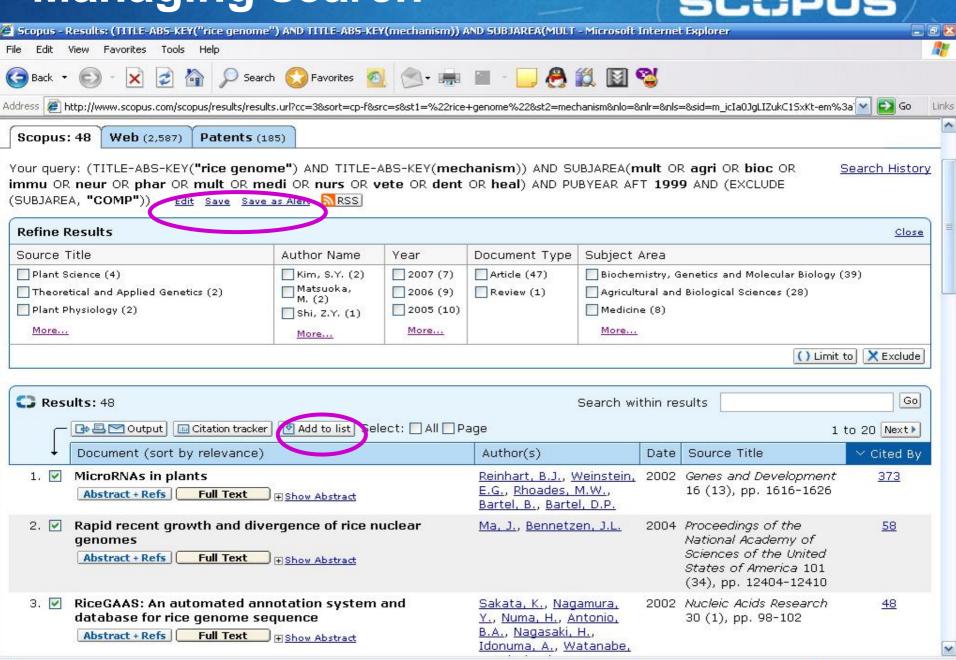
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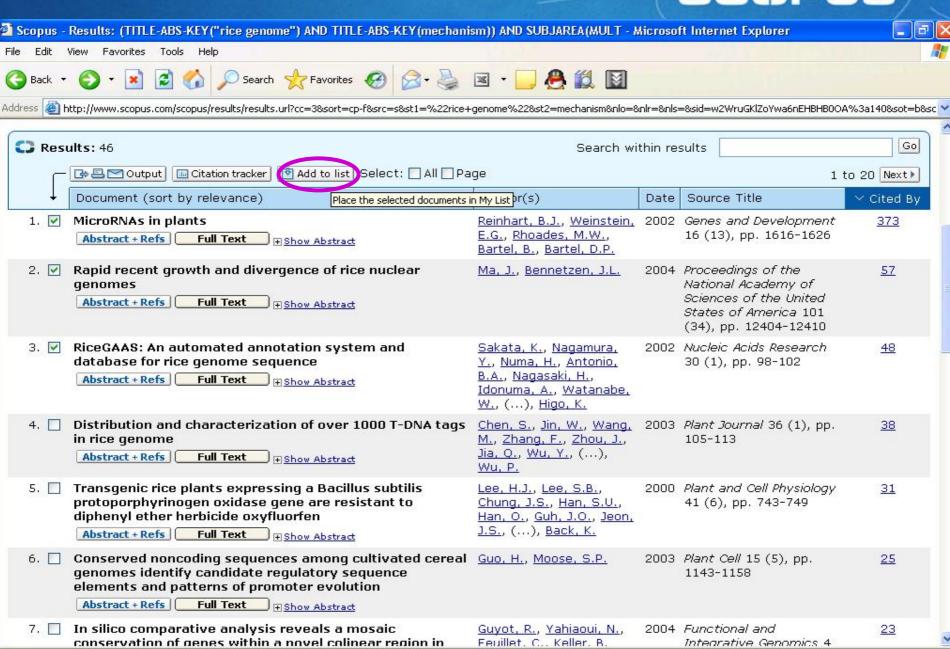
# Managing search





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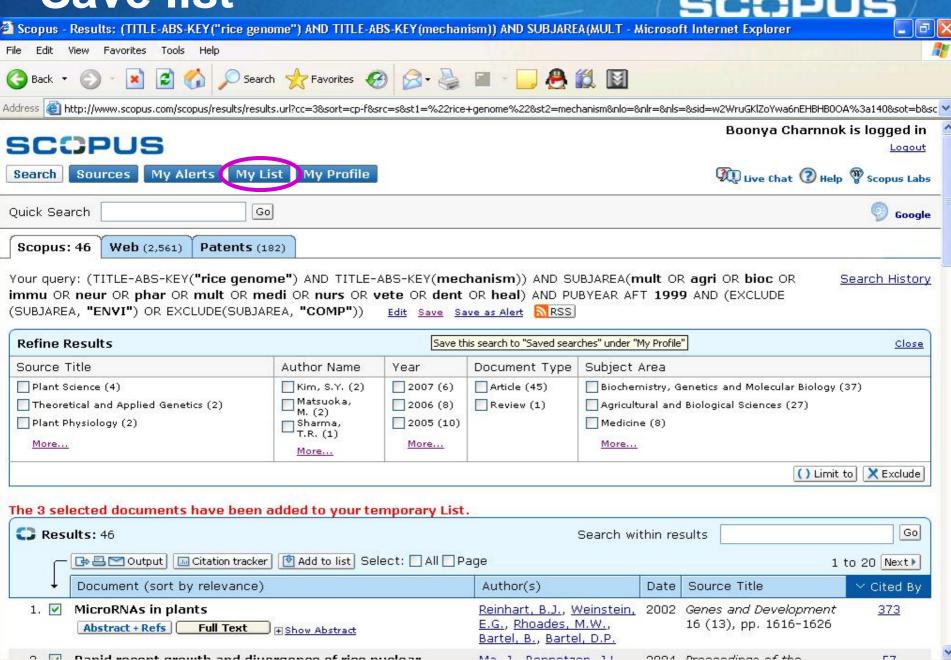




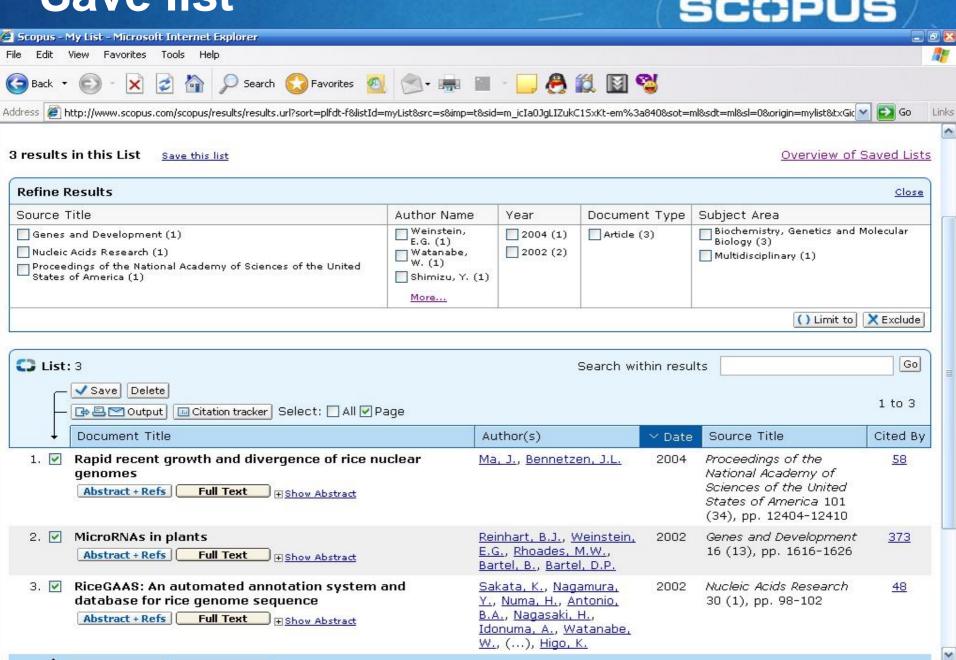
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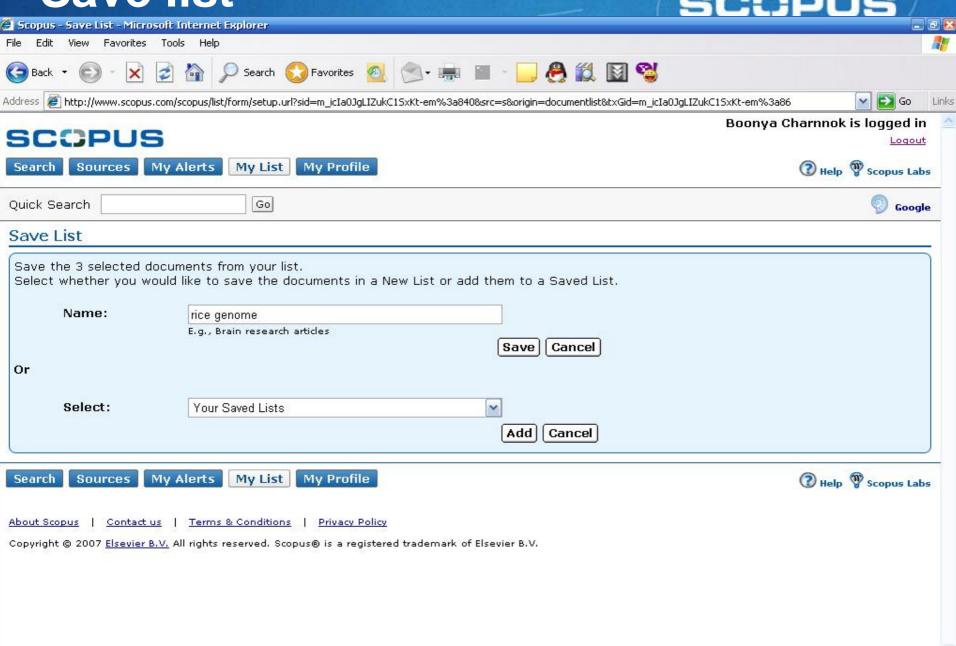




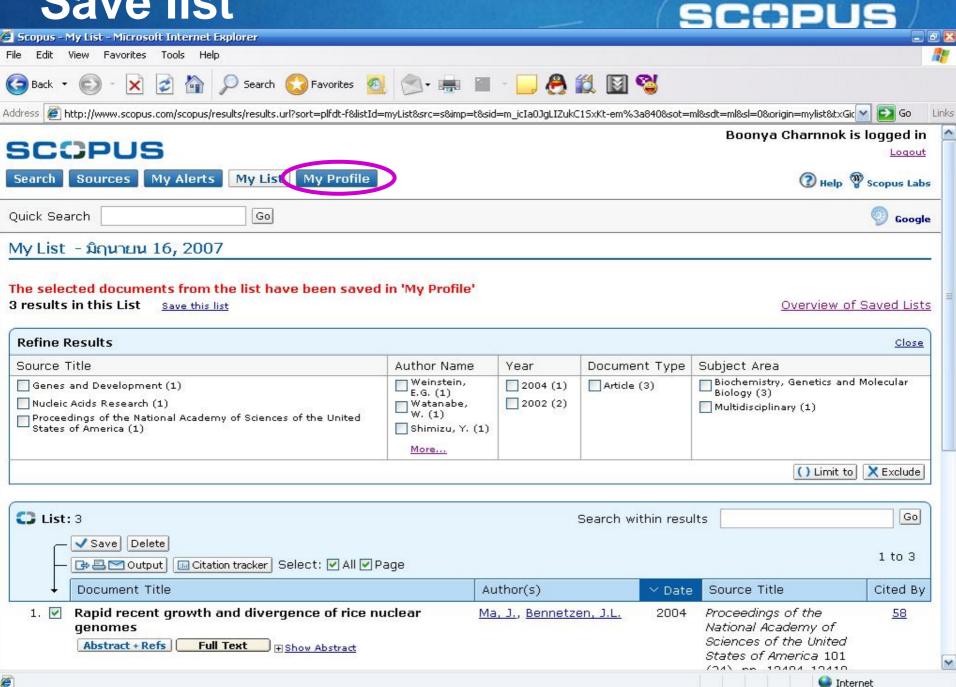


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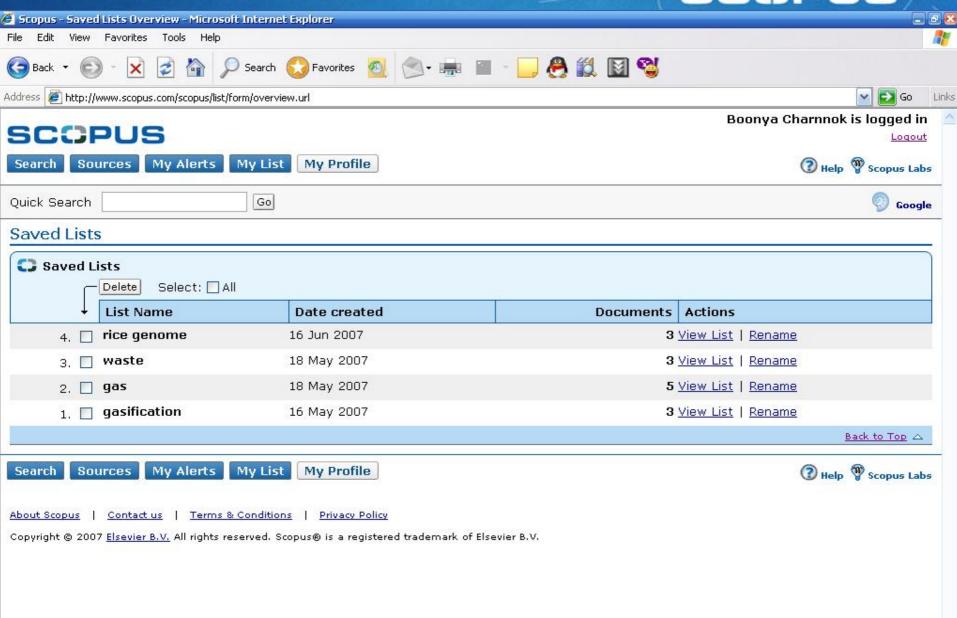




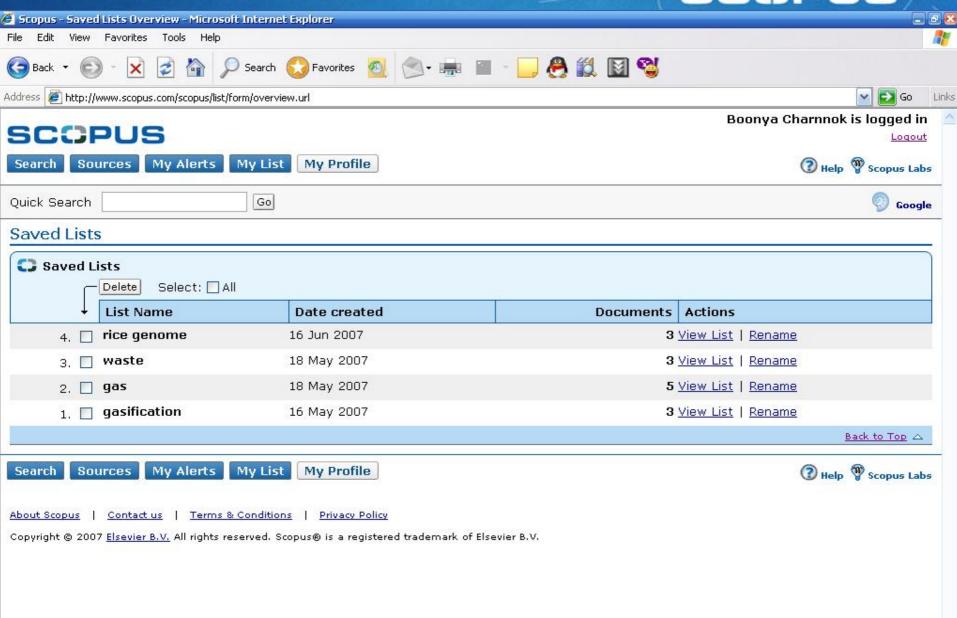




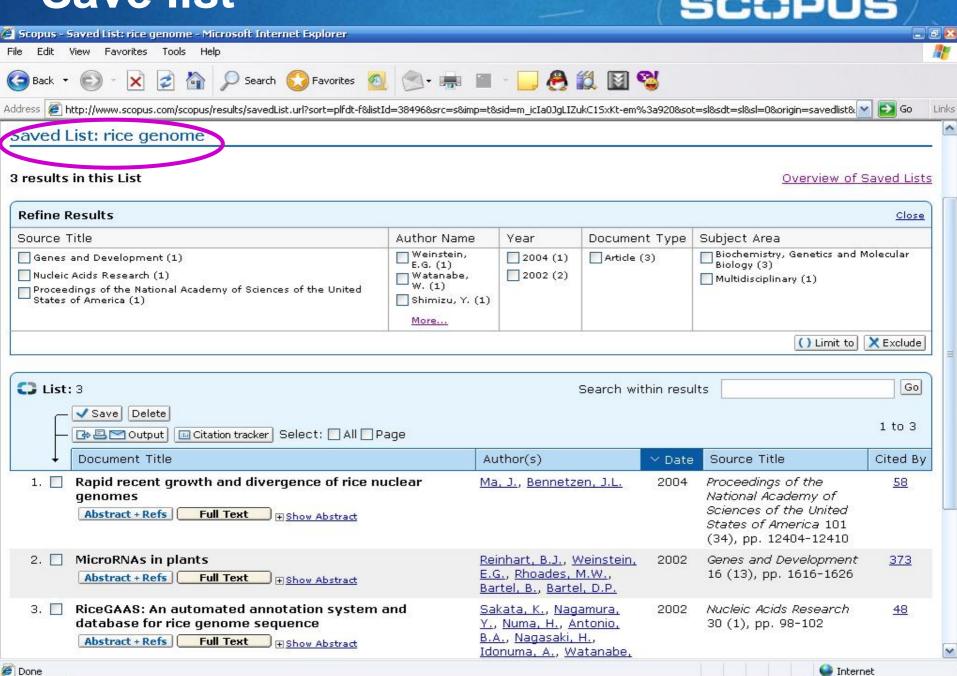






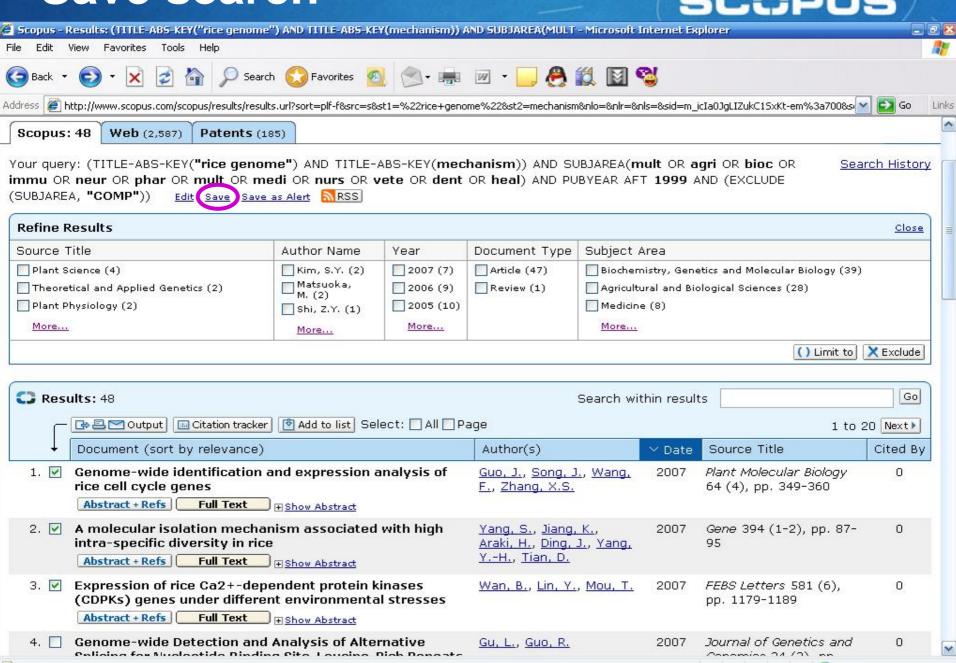






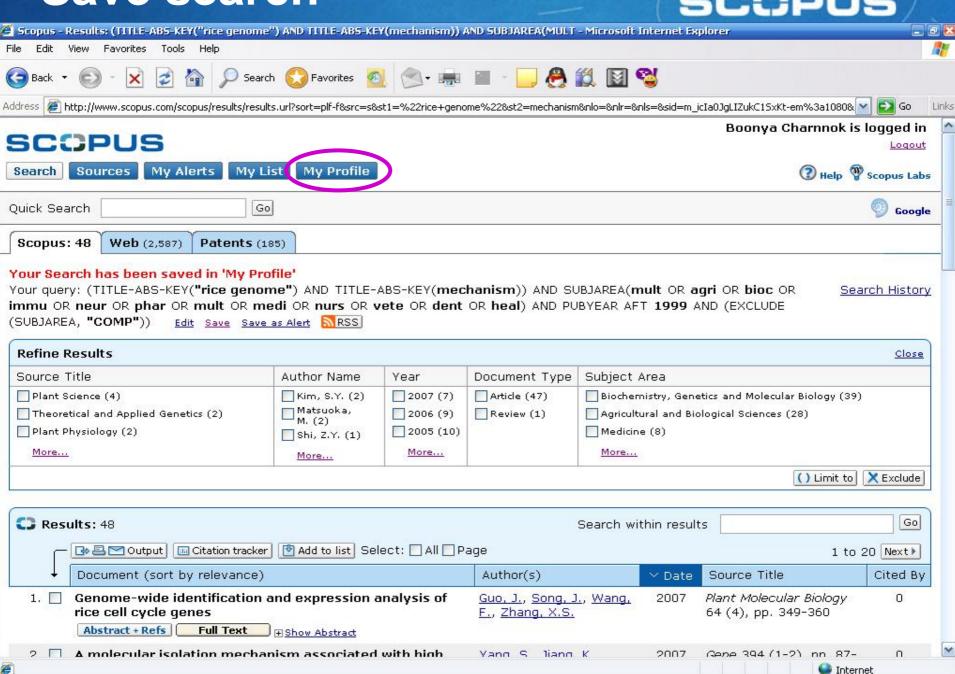
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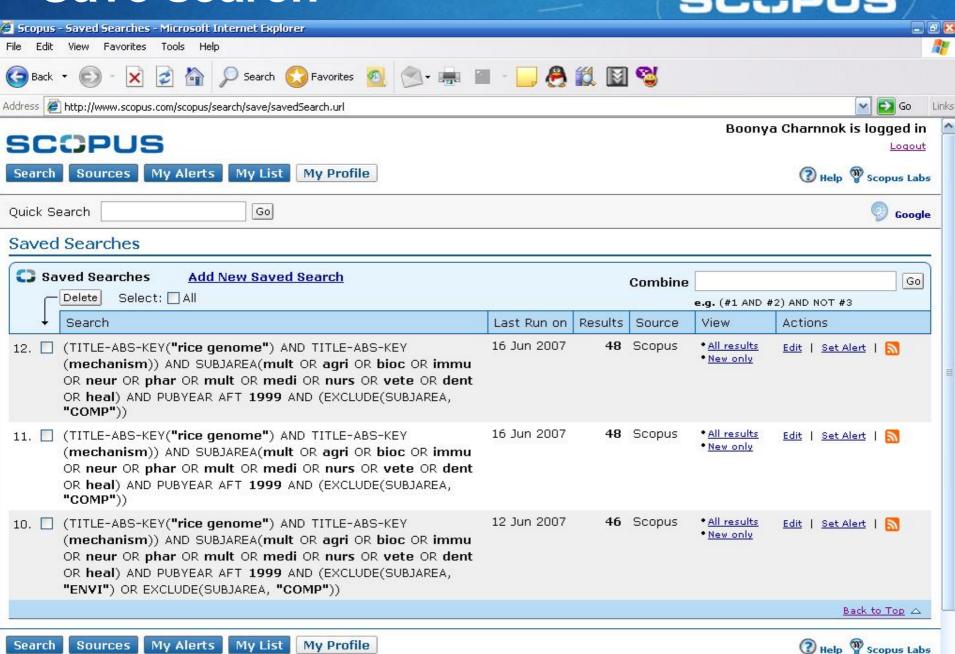
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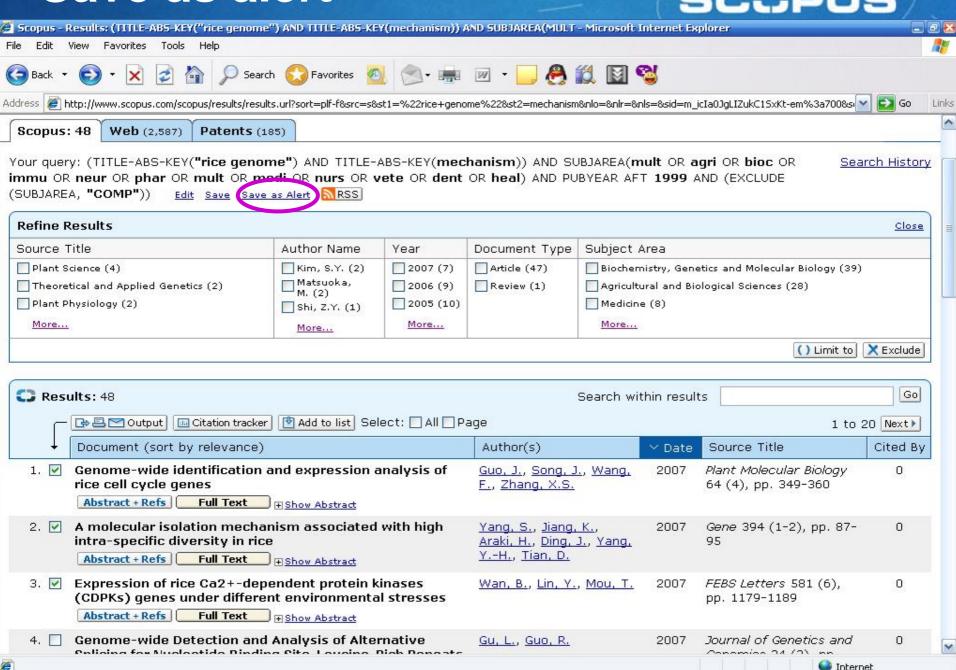
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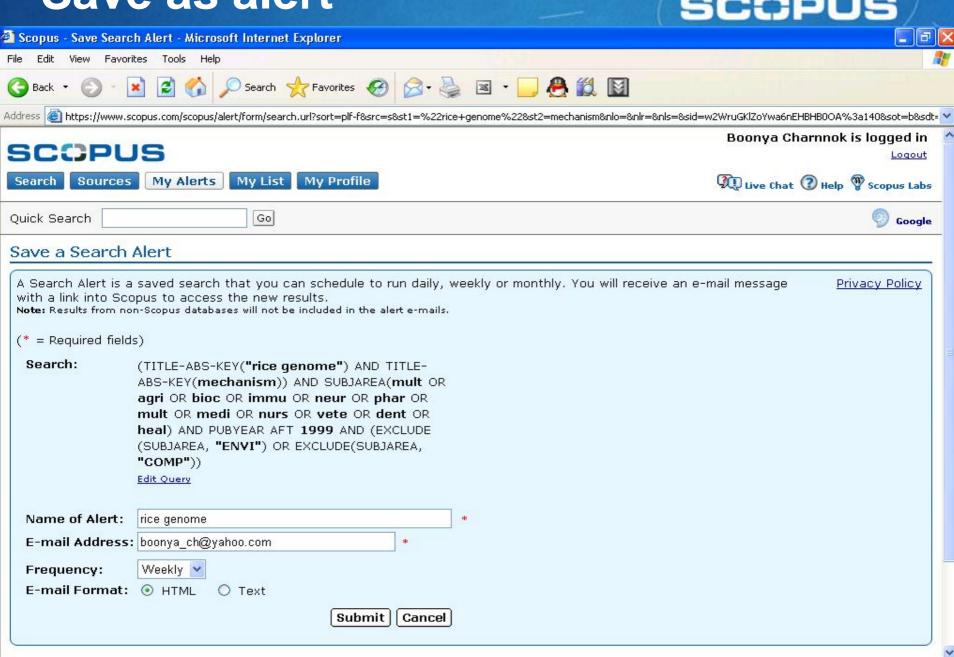




#### Save as alert

Done

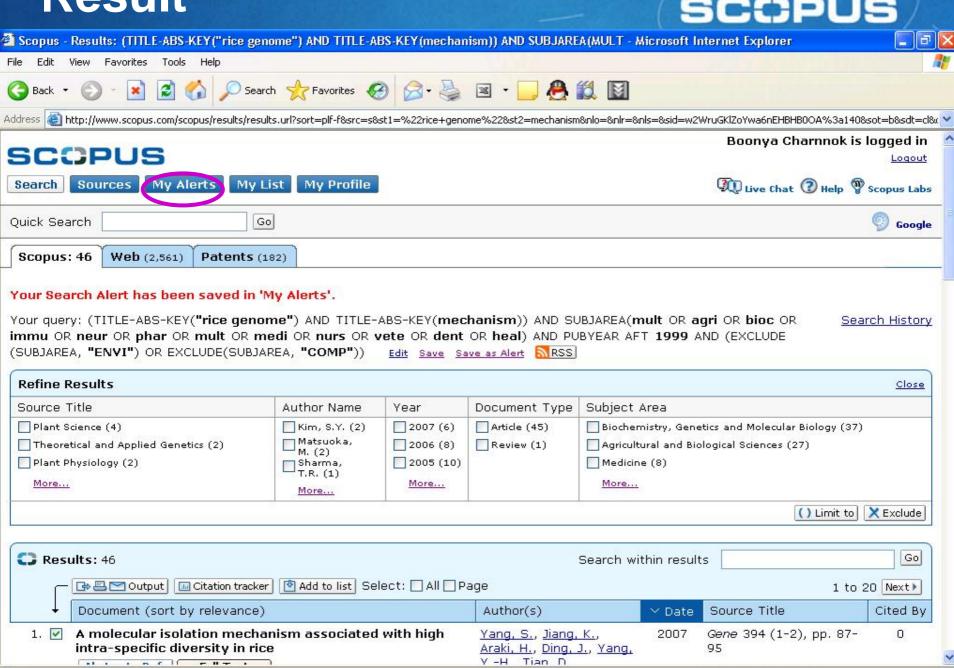




#### Result

Done Done



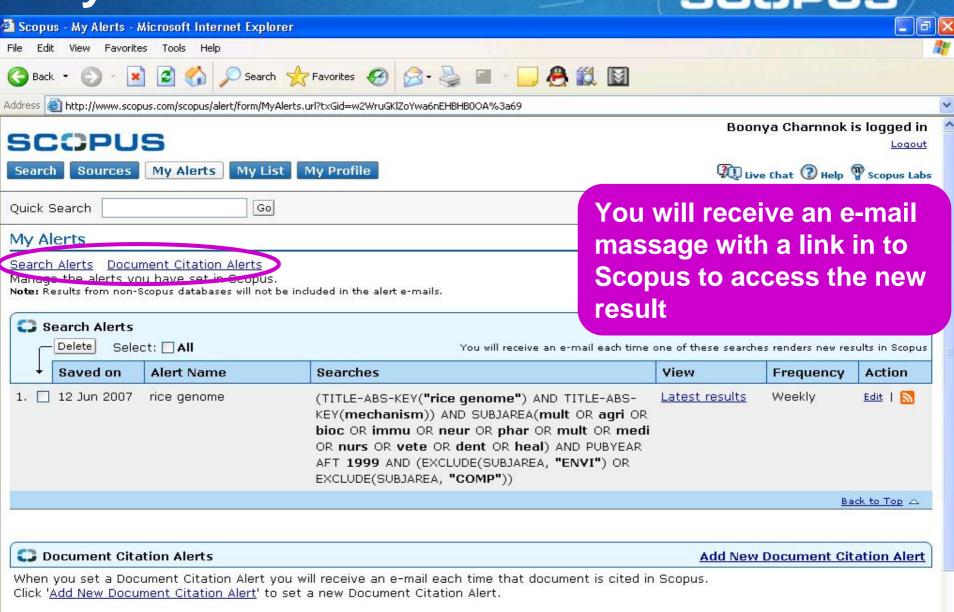


# My alert



Live Chat Peln Sconus Labs

Internet



**e**]

Sources

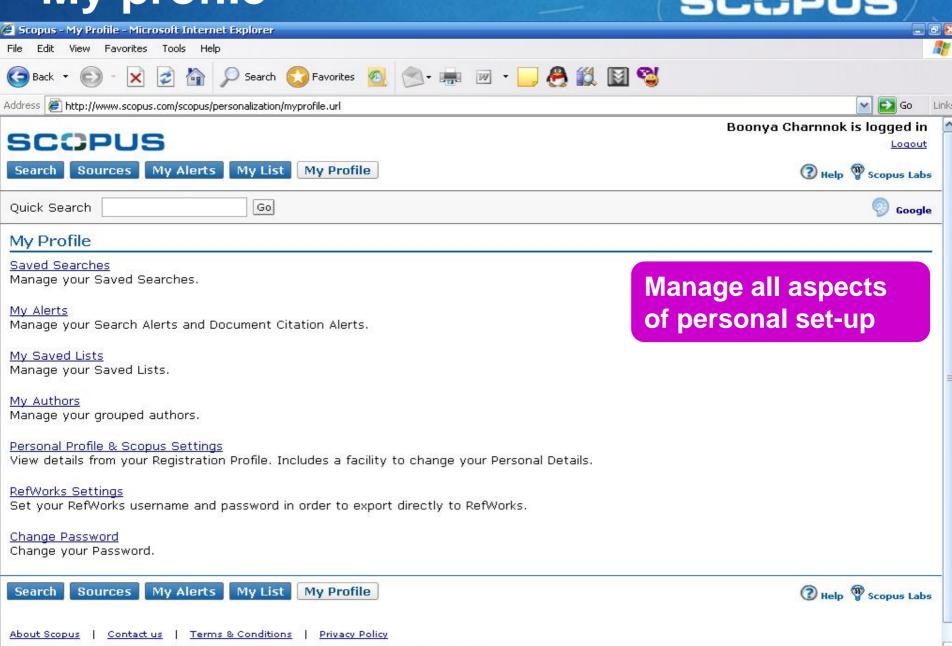
My Alerts My List My Profile

# My profile

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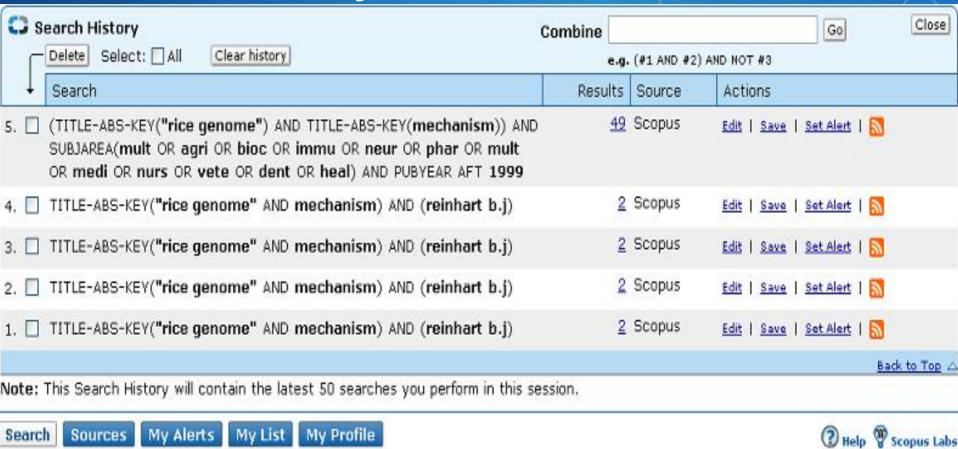
Done





# Search history





Searches performed on Scopus are stored for the session and listed under the search form



# Thank you

# Your Questions Please