

“Hot Topics” - An Introduction to Papers2

Fran Lewitter 8/24/11

This software is only available for Macs.

Introduction to Papers2:

Lots of links to documentation and videos are available at

<http://support.mekentosj.com/kb>

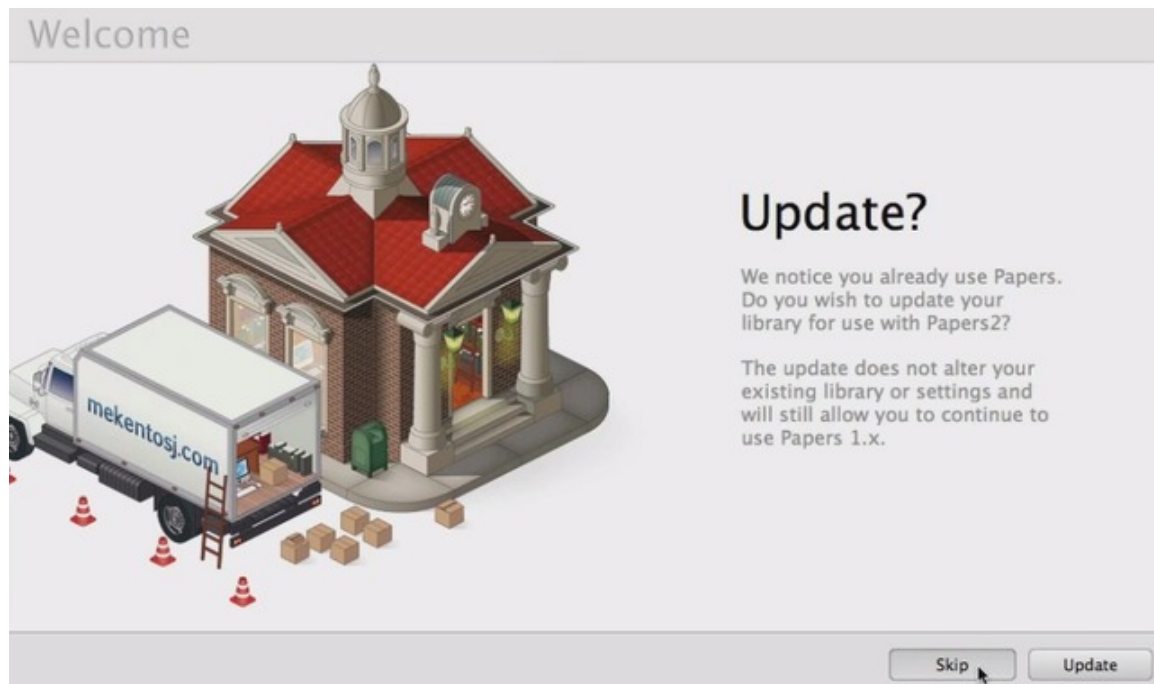
<https://mekentosj.tenderapp.com/kb/roadmap/papers-for-mac-roadmap>

Within Papers you can get help from the **Help menu**.

Go to Whitehead Software Database to get a license number.

Can use your license for up to 3 of your machines.

When you open Papers2, you will get a Set up screen where you can update your Papers1 library to the new format.



You can then go through a number of steps to set up “your library card”. During this process you can import papers you have published.

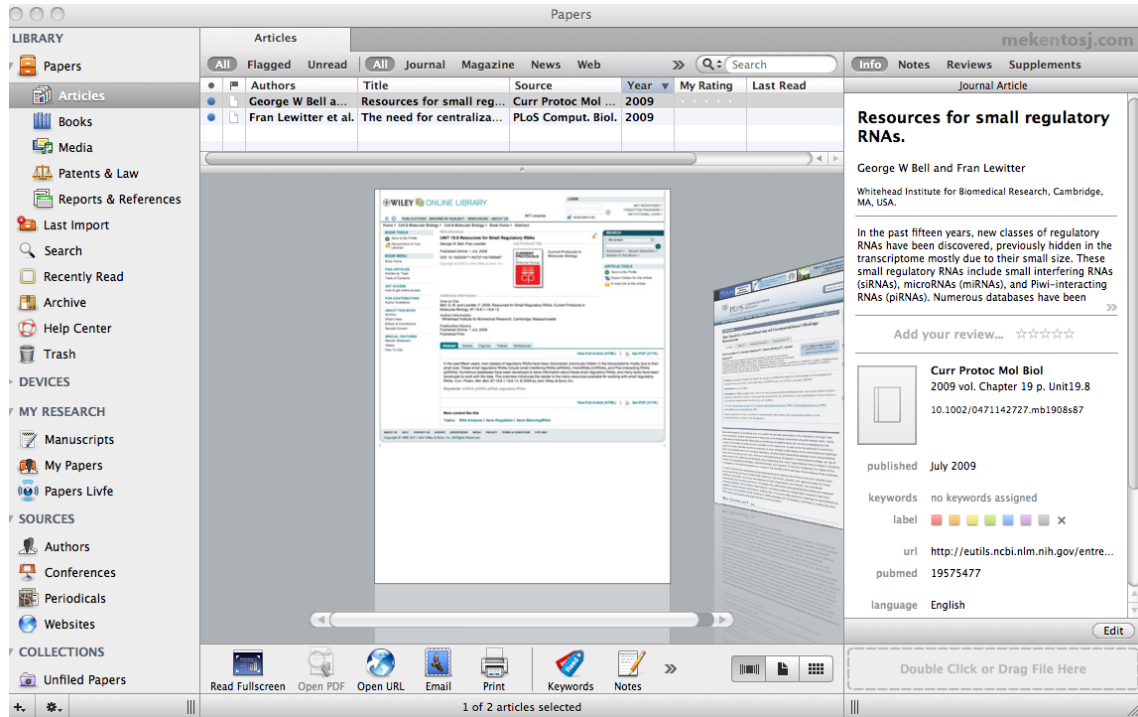
Select and drag a search result into the in box

The screenshot shows a web application window titled "Papers" with the URL "mekentosj.com". The interface is divided into a left sidebar and a main content area. The sidebar, labeled "LIBRARY", contains a "Papers" section with sub-items: "Last Import", "Search", "Recently Read", "Archive", "Help Center", and "Trash". Below this are sections for "MY RESEARCH", "SOURCES", and "COLLECTIONS". The main content area has a header "Your Papers" and a search bar containing "Fran Lewitter". Below the search bar is a list of search results, each with a title, a small icon, and a "2x" badge. The results include:

- Resources for small regulatory RNAs. Curr Protoc Mol Biol, 2009 vol. Chapter 19 p. Unit19.8 | George W Bell and Fran Lewitter
- The need for centralization of computational biology resources. PLoS Comput. Biol., 2009 vol. 5 (6) p. e1000372 | Fran Lewitter, Michael Rebhan, Brent Richter, and David Sexton
- Establishing a successful bioinformatics core facility team. PLoS Comput. Biol., 2009 vol. 5 (6) p. e1000368 | Fran Lewitter and Michael Rebhan
- Moving education forward. PLoS Comput. Biol., 2007 vol. 3 (1) p. e19 | Fran Lewitter
- Visualizing networks. Meth. Enzymol., 2006 vol. 411 pp. 408-421 | George W Bell and Fran Lewitter
- Intragenic tandem repeats generate functional variability. Nat. Genet., 2005 vol. 37 (9) pp. 986-990 | Kevin J Verstrepen, An Jansen, Fran Lewitter, and Gerald R Fink
- Genome-wide map of nucleosome acetylation and methylation in yeast. Cell, 2005 vol. 122 (4) pp. 517-527 | Dmitry K Pokholok, Christopher T Harbison, Stuart Levine, Megan Cole, Nan...
- siRNA Selection Server: an automated siRNA oligonucleotide prediction server. Nucleic Acids Res., 2004 vol. 32 (Web Server issue) pp. W130-4 | Bingbing Yuan, Robert Latek, Markus Hos...

Below the list, it states "10 papers found in PubMed." and "Drag or double-click to mark papers as yours. You can always add additional papers later." On the left side of the main area, there is a "papers library" box with a flower icon and a "Drag your papers here" instruction with a folder icon. A "Next" button is located at the bottom right of the main content area.

Can view the papers that you added to your library.



To add a PDF file for an article, click on the **Open URL** icon at the bottom of the window. It is useful to be on the Whitehead network so that you have access to PDFs from many journals.

If you have the paper on your hard disk, you can Drag and drop PDFs onto the icon on the bottom right.

Add notes, supplements. Delete as well.

The screenshot displays the Mendeley Desktop application interface. On the left is a sidebar with navigation options: LIBRARY (Papers, Articles, Books, Media, Patents & Law, Reports & References, Last Import, Search, Recently Read, Archive, Help Center, Trash), DEVICES, MY RESEARCH (Manuscripts, My Papers, Papers Live), SOURCES (Authors, Conferences, Periodicals, Websites), and COLLECTIONS (Unfiled Papers). The main window shows a table of papers with columns for Authors, Title, Source, Year, My Rating, and Last Read. Two papers are listed: George W Bell et al. (Resources for small regulatory RNAs, Curr Protoc Mol Biol, 2009) and Fran Lewitter et al. (The need for centralization, PLoS Comput. Biol., 2009). Below the table is a preview of the paper 'Resources for Small Regulatory RNAs' by George W. Bell and Fran Lewitter. The preview includes the title, authors, abstract, and introduction. The abstract discusses the importance of small regulatory RNAs in gene expression and the need for resources to study them. The introduction provides a detailed overview of the field and the resources provided in the paper. At the bottom of the window, there is a toolbar with icons for Read Fullscreen, Open PDF, Open URL, Email, Print, Keywords, Notes, and Review. A status bar at the bottom indicates '1 of 2 papers selected'. On the right side of the interface, there is a panel for the selected paper, showing the title 'Resources for small regulatory RNAs', the source 'Curr Protoc Mol Biol, 2009 vol. Chapter 19 p. Unit19.8', and a section for 'Supplemental Files' with a 'Drag Supplemental File Here' area. Below this is a 'Preview' section.

Authors	Title	Source	Year	My Rating	Last Read
George W Bell et al.	Resources for small regula...	Curr Protoc Mol Biol	2009		Aug 9, 2011 11:2...
Fran Lewitter et al.	The need for centraliza...	PLoS Comput. Biol.	2009		

Resources for Small Regulatory RNAs
George W. Bell and Fran Lewitter
*Molecular Section for Research in Biology, Cambridge, Massachusetts

ABSTRACT
In the past three years, new classes of regulatory RNAs have been discovered, primarily in the transcriptome itself, and their study has become a major focus of research. These small regulatory RNAs include microRNAs (miRNAs), small interfering RNAs (siRNAs), and piRNAs, and their mechanisms of action are diverse. These RNAs and their mechanisms of action are discussed in this review, and the need for resources to study them is emphasized. The review includes the need for resources to study these RNAs, the need for resources to study their mechanisms of action, and the need for resources to study their interactions with other molecules.

INTRODUCTION
Small regulatory RNAs (sRNAs) have been discovered in a wide range of organisms, from bacteria to humans. These RNAs are typically 20-30 nucleotides in length and are capable of binding to target mRNAs, leading to their degradation or translational repression. The discovery of sRNAs has opened up a new area of research in molecular biology, and it is now clear that these RNAs play a central role in gene expression regulation. This review provides an overview of the current state of sRNA research, with a focus on the need for resources to study these RNAs and their mechanisms of action.

EXPERIMENTAL DESIGN
The review is based on a search of the literature for papers published between 2008 and 2011. The search was conducted using the following keywords: small regulatory RNAs, miRNAs, siRNAs, piRNAs, gene expression, and target mRNA. The search results were screened for relevance, and the most relevant papers were included in the review. The review is organized into sections based on the type of sRNA and its mechanism of action.

CONCLUSIONS
Small regulatory RNAs are a new class of molecules that play a central role in gene expression regulation. The discovery of these RNAs has opened up a new area of research in molecular biology, and it is now clear that these RNAs play a central role in gene expression regulation. This review provides an overview of the current state of sRNA research, with a focus on the need for resources to study these RNAs and their mechanisms of action.

1 of 2 papers selected

Resources for small regulatory RNAs.
Curr Protoc Mol Biol, 2009 vol. Chapter 19 p. Unit19.8

Supplemental Files

Drag Supplemental File Here

Preview

Quicklook Open

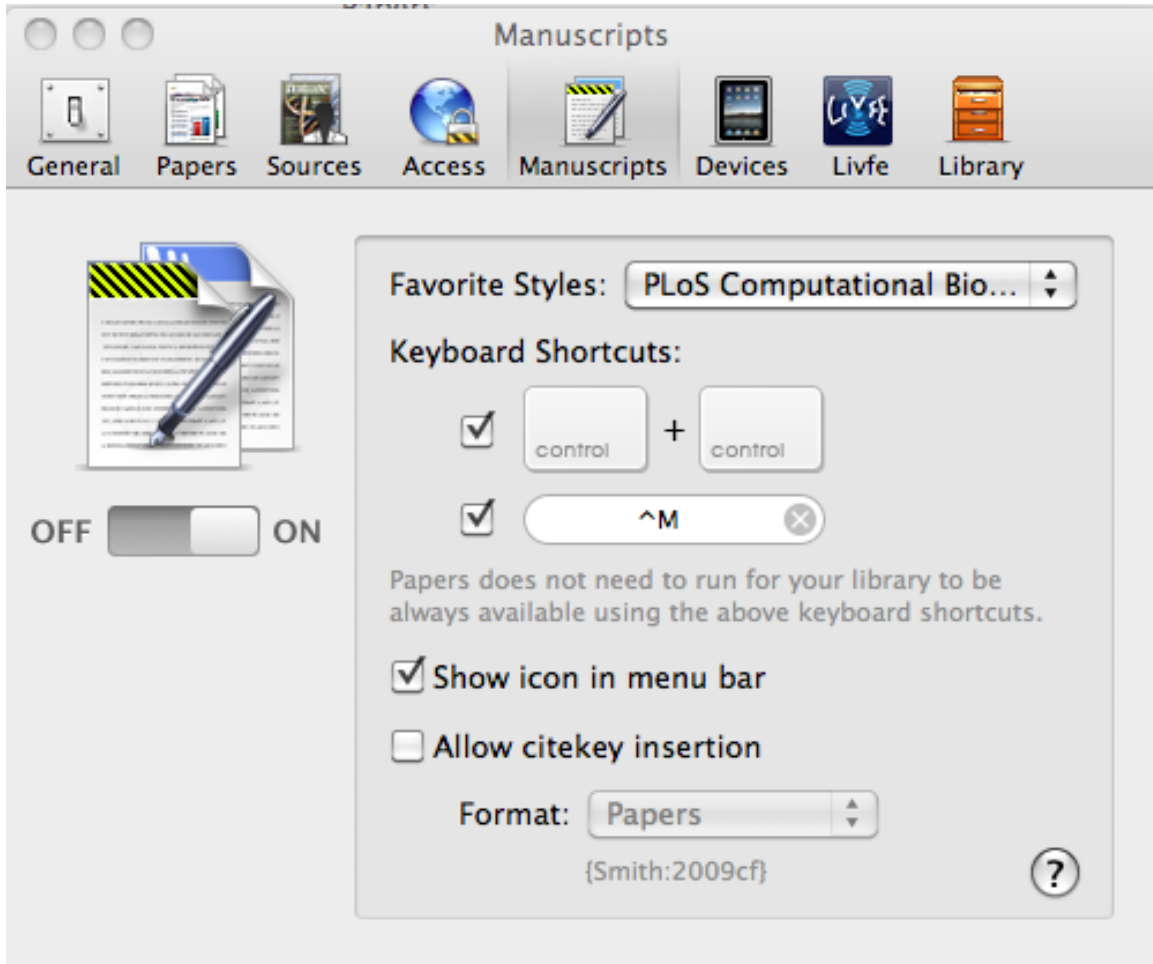
Curr Protoc Mol Biol 2009 Bell.pdf
317.4 KB

By default your library is put into home/Library/Applications Support/Papers2. If you want it in a different location:

Quit Papers and locate the Papers2 folder and move it to where you'd like it to be.

Can have 2 different Papers folders and switch between them. Can be tricky.

This shows some of the preferences available in Papers2.



Select the Journal styles you like to use.

Manuscripts

General Papers Sources Access Manuscripts Devices Livfe Library

All Fields

Style	Field(s)
<input checked="" type="checkbox"/> American Journal of Medical Genetics	Biology
<input checked="" type="checkbox"/> American Medical Association	Medicine
<input checked="" type="checkbox"/> Annual Review of Genetics	Biology
<input checked="" type="checkbox"/> Annual Review of Genomics and Human Genetics	Biology, Medicine
<input checked="" type="checkbox"/> BMC Bioinformatics	Biology
<input checked="" type="checkbox"/> Cell	Biology
<input checked="" type="checkbox"/> Genome Research	Biology
<input checked="" type="checkbox"/> Journal of Biological Chemistry	Biology
<input checked="" type="checkbox"/> National Library of Medicine	Generic
<input checked="" type="checkbox"/> Nature	Biology, Generic
<input checked="" type="checkbox"/> PLoS Biology	Biology
<input checked="" type="checkbox"/> PLoS Computational Biology	Biology, Engineering
<input checked="" type="checkbox"/> PLoS Genetics	Biology
<input checked="" type="checkbox"/> PLoS Medicine	Biology, Medicine
<input checked="" type="checkbox"/> PLoS Neglected Tropical Diseases	Biology, Medicine
<input checked="" type="checkbox"/> PLoS One	Science
<input checked="" type="checkbox"/> PNAS	Science
<input checked="" type="checkbox"/> Science	Science
<input type="checkbox"/> ACM SIG Proceedings	Science, Engineering, Generic
<input type="checkbox"/> ACM SIG Proceedings With Long Author List	Science, Engineering, Generic
<input type="checkbox"/> ACS Applied Materials & Interfaces	Chemistry

Example of Bibliography:

Bell, GW, Lewitter, F. 2009. Resources for small regulatory RNAs. Curr Protoc Mol Biol Chapter 19: Unit19.8.

Lewitter, F, Rebhan, M, Richter, B, Sexton, D. 2009. The need for centralization of computational biology resources. PLoS Comput. Biol. 5: e1000372.

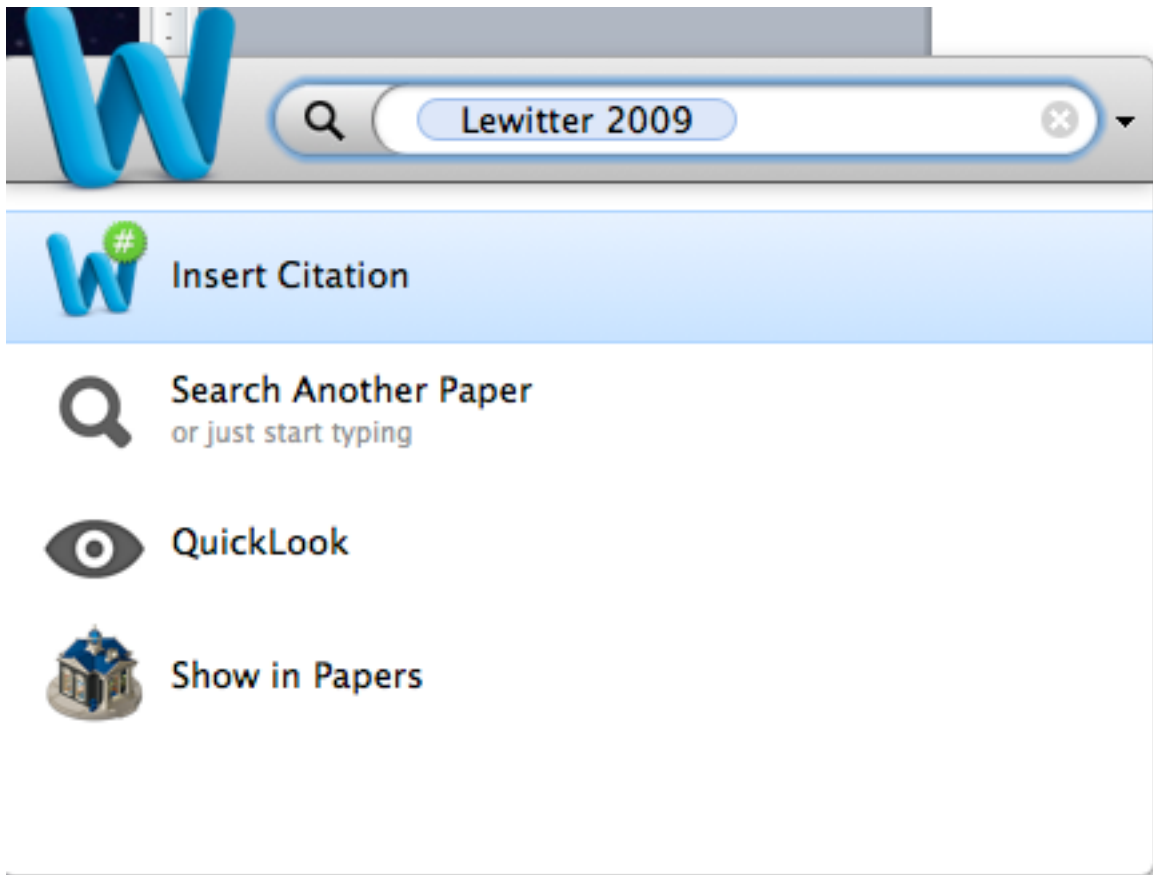
1405 styles available

Done

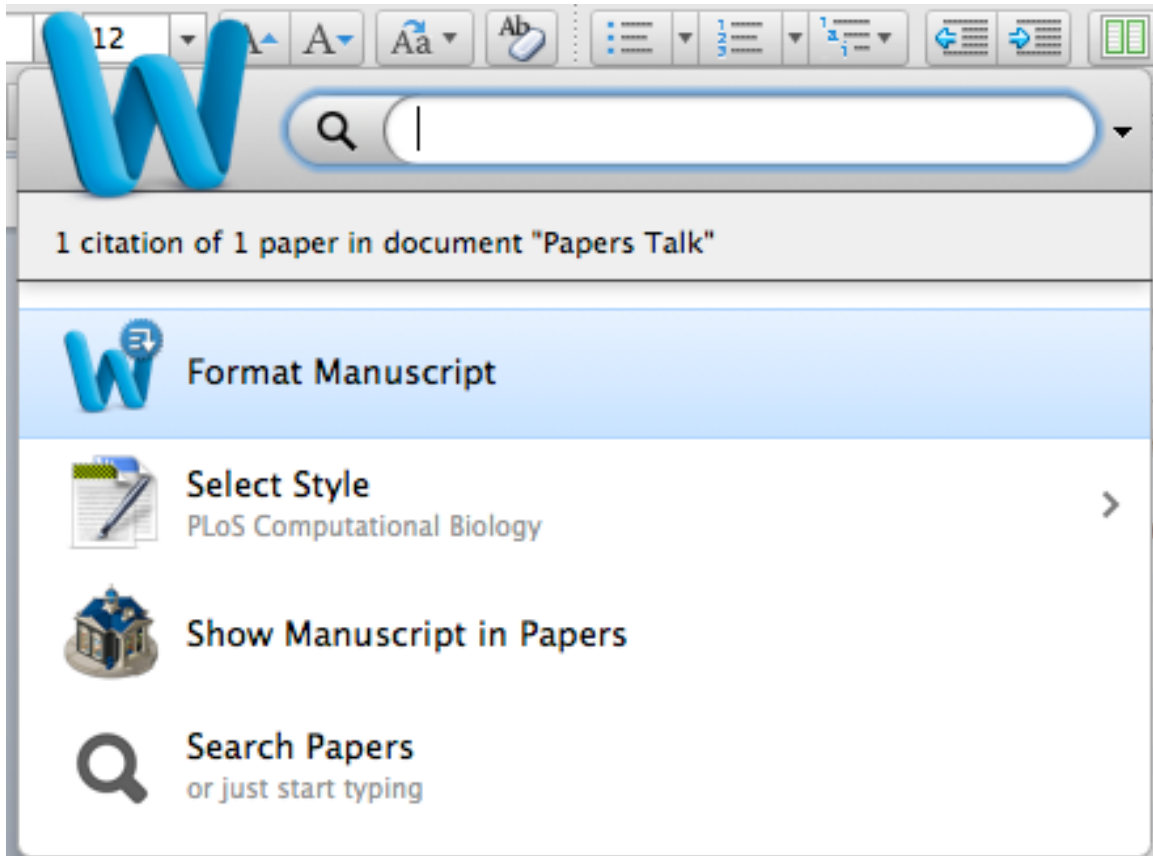
“Magic Manuscripts”

Insert citations while you write <control><control>

“Search Another Paper” to insert multiple papers.



Format bibliography for manuscript:



How to search in Papers2:

The screenshot shows the Papers2 application window. The search bar contains 'lewitter'. The search results are sorted by ranking and include the following items:

- Resources for small regulatory RNAs. Curr Protoc Mol Biol, 2009 vol. Chapter 19 p. Unit19.8 | George W Bell and Fran Lewitter
- The need for centralization of computational biology resources. PLoS Comput. Biol., 2009 vol. 5 (6) p. e1000372 | Fran Lewitter, Michael Rebhan, Brent Richter, and David Sexton
- Establishing a successful bioinformatics core facility team. PLoS Comput. Biol., 2009 vol. 5 (6) p. e1000368 | Fran Lewitter and Michael Rebhan
- Moving education forward. PLoS Comput. Biol., 2007 vol. 3 (1) p. e19 | Fran Lewitter
- Visualizing networks. Meth. Enzymol., 2006 vol. 411 pp. 408-421 | George W Bell and Fran Lewitter
- Intragenic tandem repeats generate functional variability. Nat. Genet., 2005 vol. 37 (9) pp. 986-990 | Kevin J Verstrepen, An Jansen, Fran Lewitter, and Gerald R Fink
- Genome-wide map of nucleosome acetylation and methylation in yeast. Cell, 2005 vol. 122 (4) pp. 517-527 | Dmitry K Pokholok, Christopher T Harbison, Stuart Levine, Megan Cole, Nancy M Hanne...
- siRNA Selection Server: an automated siRNA oligonucleotide prediction server. Nucleic Acids Res., 2004 vol. 32 (Web Server issue) pp. W130-4 | Bingbing Yuan, Robert Latek, Markus Hossbach, Tho...
- PathBLAST: a tool for alignment of protein interaction networks. Nucleic Acids Res., 2004 vol. 32 (Web Server issue) pp. W83-8 | Brian P Kelley, Bingbing Yuan, Fran Lewitter, Roded Sh...
- Database resources relevant to yeast biology. Meth. Enzymol., 2002 vol. 350 pp. 373-379 | Fran Lewitter
- Nucleotide sequence databases: a gold mine for biologists. Trends Biochem. Sci., 1999 vol. 24 (7) pp. 276-280 | A Pandey and F Lewitter
- How to limit your sequence search by organism. Trends Genet., 1997 vol. 13 (7) pp. 286-287 | F Lewitter
- Resources for human geneticists. Trends Genet., 1996 vol. 12 (12) pp. 531-532 | F Lewitter
- Report of the DNA committee and catalogues of cloned and mapped genes and DNA polymorphisms. Cytogenet. Cell Genet., 1990 vol. 55 (1-4) pp. 457-778 | R Williamson, A Bowcock, K Kidd, P Pearson, J Schmidke, H S Chan, ...
- Genotvoic and phenotvoic similarities in pulmonary function amono family members of adult m...

The right sidebar shows the details for the selected article: "Resources for small regulatory RNAs." by George W Bell and Fran Lewitter. It includes a description, a star rating, and a list of keywords and metadata.

At the bottom right, there is an **Edit** button and a list of actions for the PDF file: "Curr Protoc Mol Biol 2009 Bell.pdf" (317.4 KB). The actions are:

- Copy PDF
- Email PDF
- Show PDF in Finder
- Open PDF with...
- Remove PDF

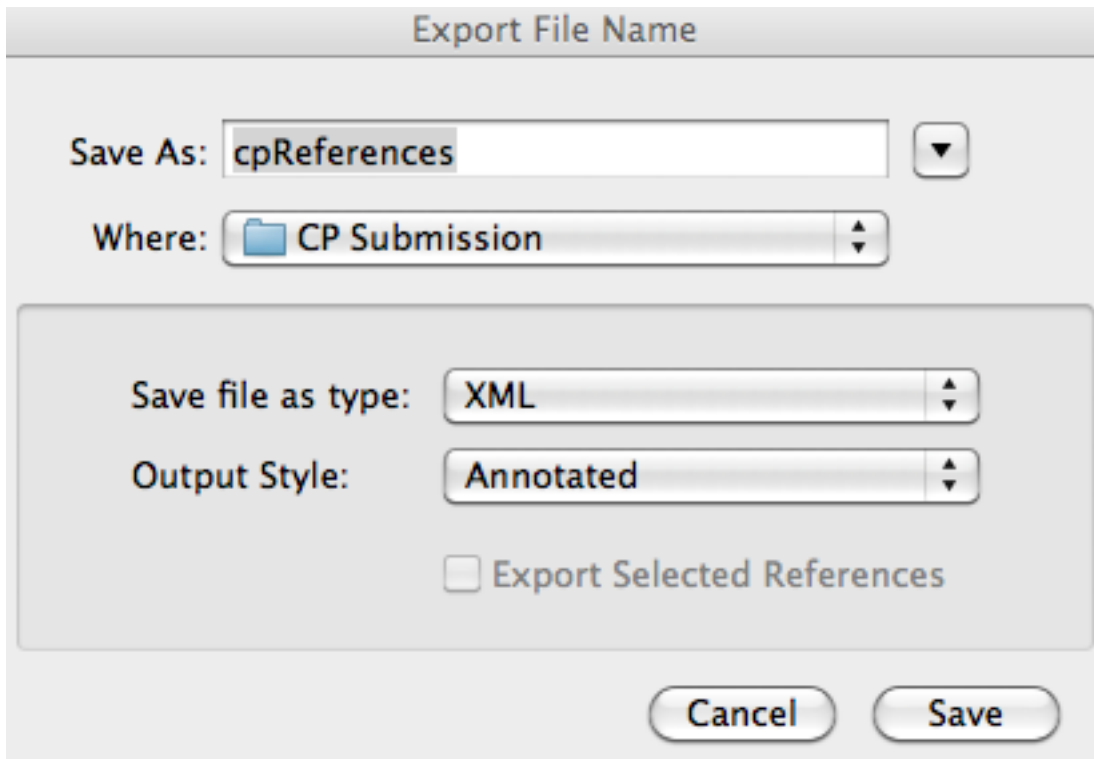
Click on **Edit** button in lower right to see these choices:

The screenshot shows a context menu for a PDF file named "Curr Protoc Mol Biol 2009 Bell.pdf" (317.4 KB). The menu options are:

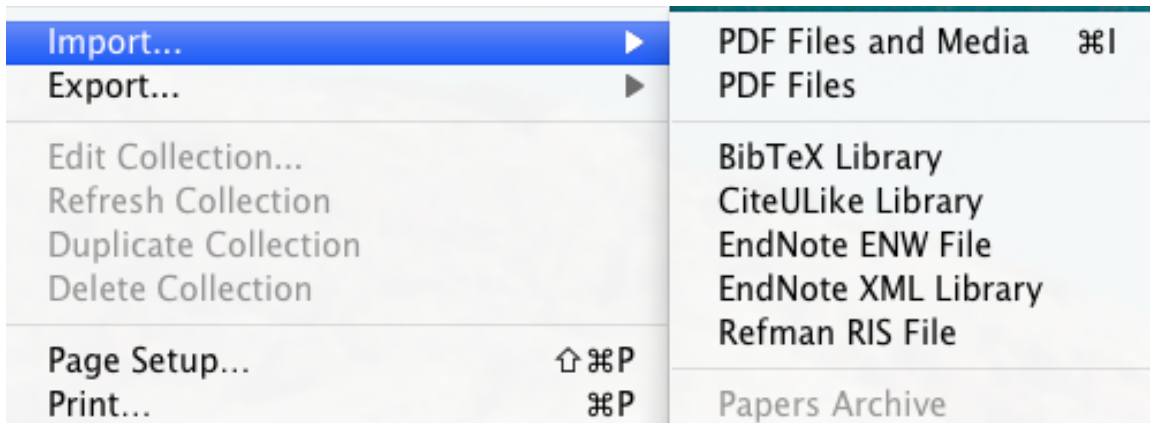
- Copy PDF
- Email PDF
- Show PDF in Finder
- Open PDF with...
- Remove PDF

Import/Export to EndNote

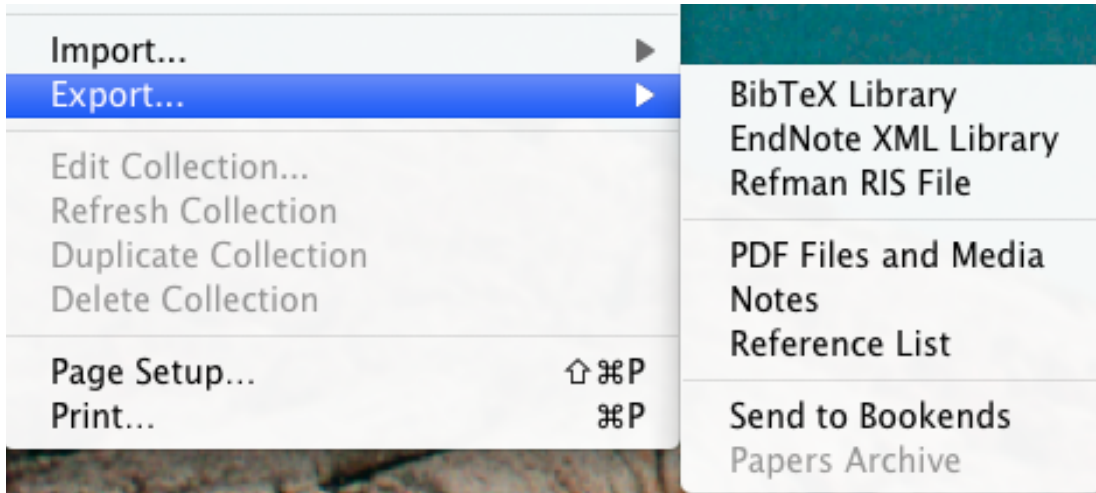
In EndNote, this is how you Export a file that you can Import in Papers2.



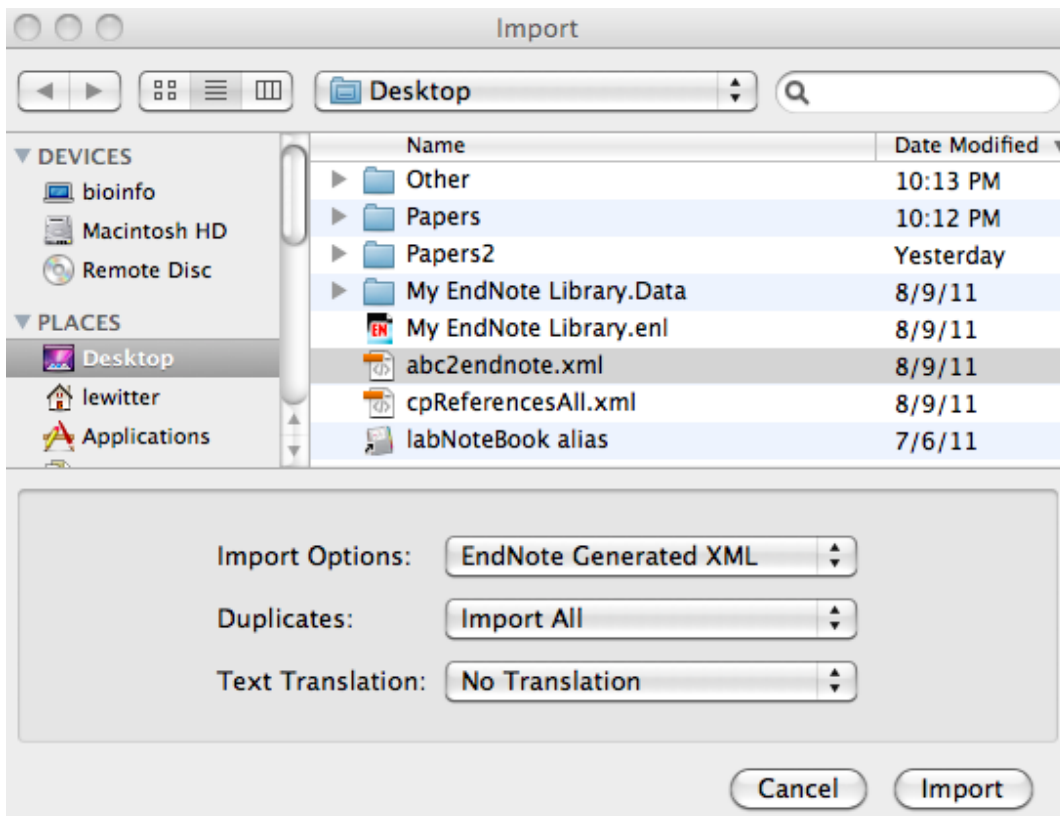
In Papers2, this is how you Import these references from EndNote.



In Papers2, this is how you Export your reference for Importing into EndNote.



In Endnote, this is how you Import references you Exported from Papers.



Extras:

Bookmarklet

Use the bookmarklet to import papers from your web browser to Papers.

- The Papers bookmarklet is a small JavaScript bookmark that you can install in your favorite web browser. It allows you to open your current web page in Papers, creating a seamless experience between browsing the web and collecting your papers.
- From the **Papers menu**, select **Install Bookmarklet**

Create Collections

- Group papers into collection
- Manual or Smart

Not able to add citations to document?

- Try rebuilding the spotlight index that is used for the search feature in Papers.
- Quit Papers 2
- Start Papers 2 again with the option key pressed (also called the 'alt' key)
- Papers should open in Maintenance Mode (else redo the above 2 steps)
- Click the 'Rebuild Index' option
- When the process is done, you can click to 'Start Papers'