

Pengelolaan Rujukan Mendeley



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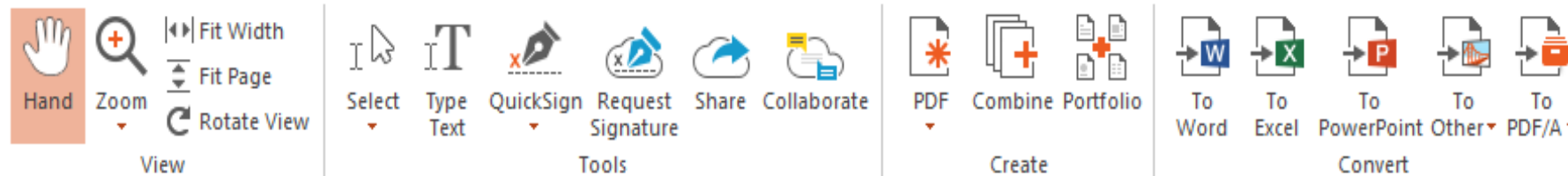
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dengan wanita yang tidak termasuk kelompok berisiko. Di United Kingdom tahun 2011 diketahui bahwa 95% orang yang terdiagnosa HIV positif diakibatkan oleh perilaku seksual berisiko (www.nhs.uk)

Jumlah kumulatif infeksi baru HIV yang dilaporkan di Indonesia meningkat secara tajam dari 7,195 di tahun 2006 menjadi 76,879 di tahun 2011 (*Indonesian National AIDS Commission: 2012*) . Sedangkan di Tahun 2014 (Januari-Maret) tercatat kasus infeksi HIV baru yang dilaporkan sebesar 6626 kasus dan kasus AIDS yang dilaporkan sebesar 308 kasus. Jadi Jumlah kumulatif kasus HIV sampai dengan tahun 2014 sebesar 134.042 kasus, dan kumulatif kasus AIDS hingga Maret 2014 sebesar 54.231 kasus, sementara kasus yang meninggal sebesar 9615 orang (Ditjen PP&PL Kemenkes RI).

Kemudian tahun 2012 dilakukan estimasi dan modeling HIV AIDS oleh Dirjen P2PL Kementerian Kesehatan yang bertujuan untuk menentukan estimasi populasi rawan tertular HIV di Indonesia dan perkiraan jumlah ODHA. Secara keseluruhan berdasarkan estimasi tersebut dari 33 provinsi di Indonesia jumlah wanita penaja seks tidak langsung berjumlah 104,048 orang . Dari estimasi per provinsi, jumlah penajak sex tidak langsung (WPSTL) terbesar di Provinsi DKI Jakarta, yaitu berjumlah 23,386 orang, dan provinsi kedua dengan jumlah WPSTL terbanyak yaitu Jawa Barat berjumlah 10.878

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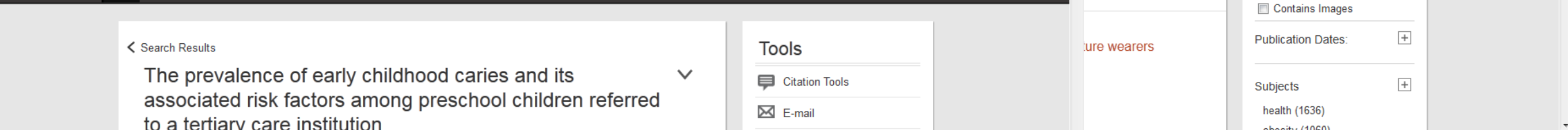
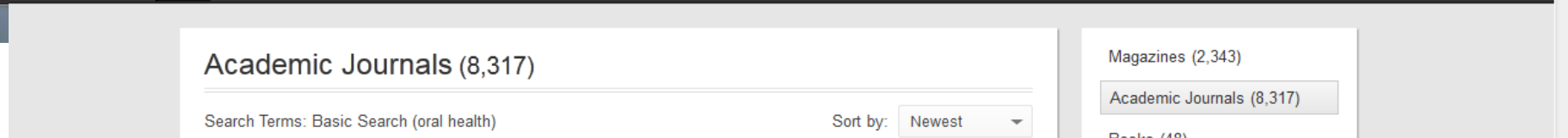
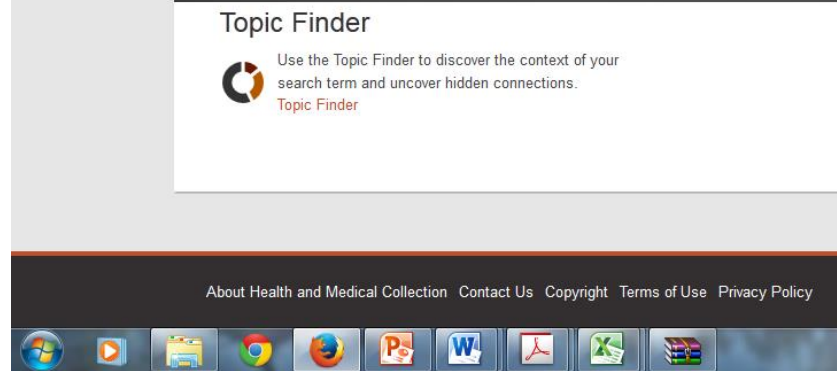
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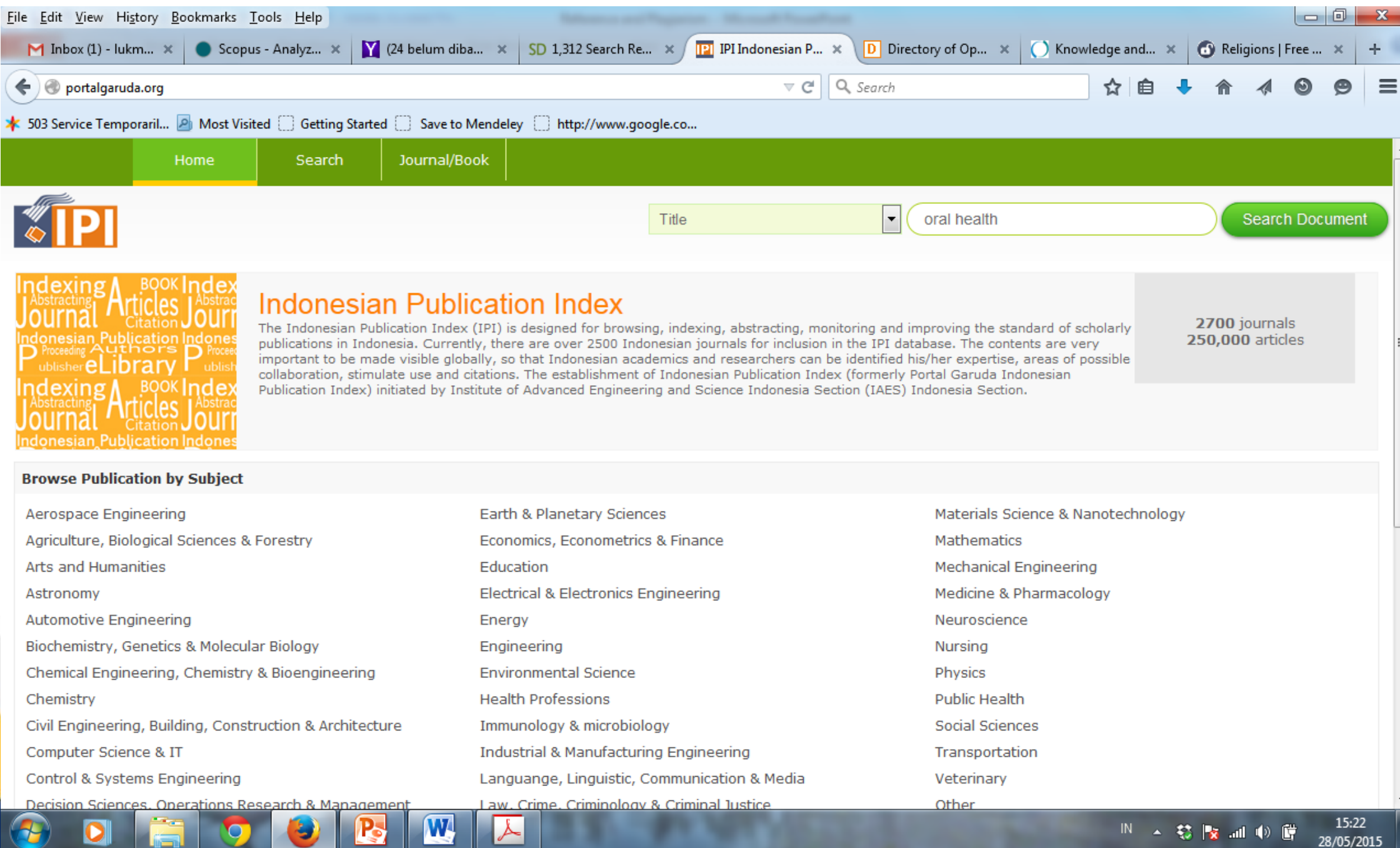
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Indra Neil Sarkar^{1,2,3*}, Michael Trizna⁴

¹ Center for Climate and Terrestrial Science, University of Vermont, Burlington, Vermont, United States of America, ² Department of Microbiology and Molecular Genetics, University of Vermont, Burlington, Vermont, United States of America, ³ Department of Computer Science, University of Vermont, Burlington, Vermont, United States of America, ⁴ Department for the Barcode of Life, Smithsonian Institution, Washington, D.C., United States of America

Abstract

With the volume of molecular sequence data that is systematically being generated globally, there is a need for centralized resources for data exploration and analysis. DNA Barcode Initiatives are on track to generate a compendium of molecular sequence-based resources for identifying animals and plants. To date, the range of available data exploration and analysis tools to explore these data have only been available in a boutique format—often representing a frustrating hurdle for many

Computers and Electronics in Agriculture 121 (2015) 45–49

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Review

An overview of biodiversity informatics with special reference to plant genetic resources

R.C. Agrawal^{1,4*}, Sunil Archak², R.K. Tyagi³

¹ National Agricultural Research Project, Indian Council of Agricultural Research (ICAR), Krishi Anusandhan Ghat, New Delhi, New Delhi, India, ² National Institute of Plant Genetic Resources, New Delhi, New Delhi, India, ³ National Institute of Plant Genetic Resources, New Delhi, New Delhi, India, ⁴ National Institute of Plant Genetic Resources, New Delhi, New Delhi, India

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Contents

1. Introduction	45
1.1. Scope of biodiversity informatics	45
1.2. Biodiversity informatics data standard	45
2. Prominent biodiversity informatics initiatives	45
2.1. Encyclopedia of Life (EOL)	45
2.2. Consortium for the Barcode of Life (CBOL)	45
2.3. Tree of Life	45
2.4. Species 2000	45
2.5. Global Biodiversity Information Forum (GBIF)	45
2.6. International Biodiversity Informatics Network (IBINet)	45
2.7. World Biodiversity Information Network (WBINet)	45
2.8. Indian Bioscience Information Network (IBINet)	45
2.9. PGR Informatics	45
2.10. Relevance of PGR Informatics	45
3. Global Initiatives on PGR Informatics	45
3.1. World Information and Early Warning System on PGR (WIEWS)	45
3.2. Global Plant Genetic Resources Information Network (GPGRI)	45
3.3. Global Plant Genetic Resources Information Network (GPGRI) Global	45
3.4. GPGRI	45
3.5. CO-AGIS (Coordinated Action for Genetic Resources Information Systems)	45
3.6. World Information Sharing Mechanism on the Implementation of Global Plan of Action (WISMA-GPA)	45
3.7. National Plant Genetic Resources Information System (NPGRIS)	45
3.8. Documentation of Traditional Knowledge (TKS)	45
3.9. Other associated databases of PGR Informatics	45

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Referensi

Artikel

Aplikasi Referensi
EndNote, Zotero, CiteULike, RefWorks maupun Mendeley

Template for Preparation of Papers for IEEE Sponsored Conferences & Symposia - Edited

(Please do not enter the authors name in paper that is going to be reviewed)
Laboratory of Computer Science

Abstract—These instructions give you guidelines for preparing papers for IEEE conferences. Use this document as a template if you are using Microsoft Word 6.0 or later. Otherwise, use this document as an instruction set. Instructions about final paper and figure submissions in this document are for IEEE journals; please use this document as a "template" to prepare your manuscript. For submission guidelines, follow instructions on paper submission system as well as the Conference website. Do not delete the blank line immediately above the abstract; it sets the format at the bottom of this column.

I. INTRODUCTION

THIS document is a template for Microsoft Word versions 6.0 or later. If you are reading a paper version of this document, please download the electronic file, *ieeeconf_letter.doc* (for letter sized paper: 8.5" x 11") or *ieeeconf_A4.doc* (for A4 sized paper: 210mm x 297mm) and save to MS Word template directory. The template to produce your conference paper is available at www.ieee.org/conferences/pubs/authors/paper_prep.htm. To create your own document, from within MS Word, open a new document using File | New then select

Manuscript received October 9, 2001. (Write the date on which you submitted your paper for review.) This work was supported in part by the U.S. Department of Commerce under Grant #212456 (Ignorance and Strategic Support to Knowledge Gain). Paper entries should be written in uppercase and lowercase letters, not all-digits formulae that identify the document and the (e.g., "No-For-Do not write "Invited" in the title. Full names of authors are preferred in the author field, but are not required. Put a space between authors' initials.

F. A. Author is with the National Institute of Standards and Technology, Boulder, CO 80505 USA (corresponding author to provide phone: 303-495-5265; fax: 303-495-5265; e-mail: author@nist.gov).

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T. C. Author is with the Electrical Engineering Department, University of Colorado, Boulder, CO 80509 USA, on leave from the National Research Institute for Materials, Tsukuba, Japan (e-mail: author@nims.go.jp).

ieeeconf_letter.doc (for letter sized paper) or *ieeeconf_A4.doc* (for A4 sized paper). All instructions beyond this point are from IEEE. Instructions about final paper and figure submissions in this document are for IEEE journals; please use this document as a "template" to prepare your manuscript. For submission guidelines, follow instructions on paper submission system as well as the Conference website. If your paper is intended for a conference, please contact your conference editor concerning acceptable word processor formats for your particular conference.

When you open *ieeeconf_letter.doc* or *ieeeconf_A4.doc*, select "Page Layout" from the "View" menu in the menu bar (View | Page Layout), which allows you to see the formats. Then type over sections of the sample file, either *ieeeconf_letter.doc* or *ieeeconf_A4.doc* or simply cut and paste from another document and then use markup styles. The pull-down style menu is at the left of the Formatting toolbar as the top of your Word window (for example, the style at this point in the document is "Text"). Highlight a section that you want to designate with a certain style, then select the appropriate name on the style menu. The style will adjust your font and line spacing. Do not change the font size or line spacing to squeeze more text into a limited number of pages. Use italics for emphasis; do not underline.

To insert images in Word, position the cursor at the insertion point and either use Insert | Picture | From File or copy the image to the Windows clipboard and then Edit | Paste Special | Picture (with "Float over text" unchecked).

IEEE will do the final formatting of your paper. If your paper is intended for a conference, please observe the conference page limits.

II. PROCEDURE FOR PAPER SUBMISSION

A. Review Stage

Instructions about final paper and figure submissions in this document are for IEEE journals; please use this document as a "template" to prepare your manuscript. For submission guidelines, follow

No documents selected



UNIVERSITAS TERBUKA

MENDELEY



Fitur Andalan Mendeley

1. Dapat berjalan pada MS Windows, Mac, ataupun Linux.
2. Menampilkan metadata dari sebuah file PDF secara otomatis.
3. Backup dan sinkronisasi data dari beberapa komputer dengan akun online.
4. *Smart filtering* dan *tagging*.
5. PDF viewer dengan kemampuan anotasi dan *highlighting*.
6. Impor dokumen dan makalah penelitian dari situs-situs eksternal (misalnya PubMed, Google Scholar, arXiv, dll).
7. Integrasi dengan berbagai perangkat lunak pengolah kata seperti MS Word, Open Office, dan Libre Office.
8. Fitur jejaring sosial.
9. iPhone dan iPad app.
10. *Free web storage* sebesar 2 GB yang dapat dimanfaatkan sebagai *online backup*.

5 Langkah dalam Mendeley

1. Instalasi

2. Membangun library dalam Mendeley

3. Mengelola Dokumen dan Referensi

4. Membuat Sitiran dan Daftar Pustaka

5. Grup dan Sharing Publikasi

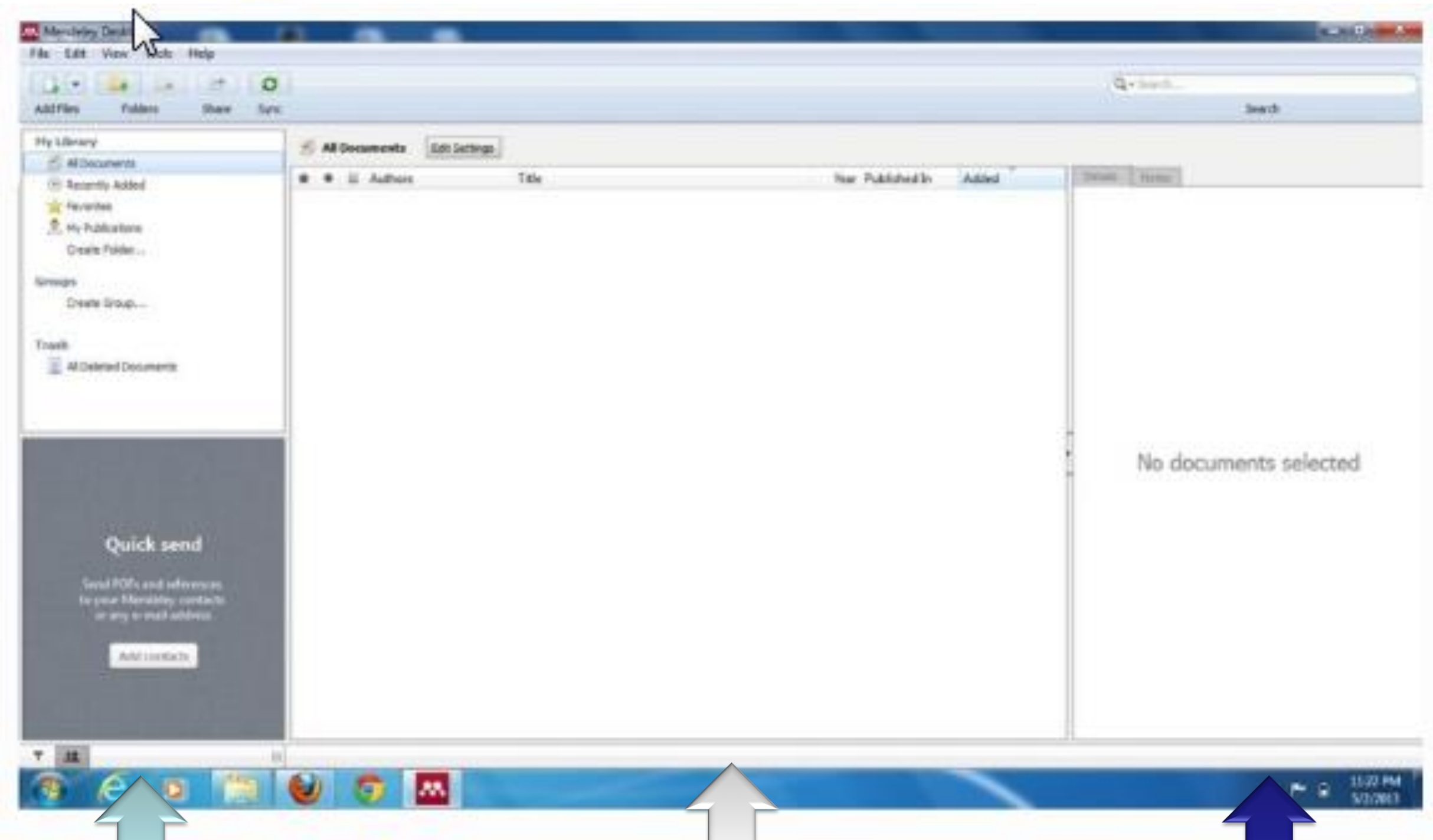
1. Membuat Akun

Instalasi

<http://www.mendeley.com>

Mendeley-Desktop-1.8.4-win32

Antar muka (interface) Mendeley : My Library



left panel

central panel

right panel

Mendeley Desktop

The screenshot shows the Mendeley Desktop application interface. At the top is a toolbar with icons for adding, deleting, removing from collection, creating, removing folders, emailing documents, and syncing the library. Below the toolbar is a sidebar on the left with a 'Recently Added' section, a 'Favorites' section, and a 'Groups' section. The 'Groups' section shows a tree view of folders like 'Datamining', 'Development', 'Hacks', 'Office', 'Research', 'SEO', 'Tech', and 'UX'. The main area displays a list of papers under the group 'Reinventing the Scientific Paper'. The list has columns for Authors, Title, Year, Published In, and Added. A callout points to this list with the text 'Library showing all your documents (citation or table view)'. On the right, a 'Details' pane shows the selected paper's information, including Type (Journal Article), Authors (J. Bollen, H. Van de Sompel, A. Hagberg et al.), Journal (PLOS ONE), Year (2009), Volume (4), Issue (6), and Abstract. A callout points to this pane with the text 'Add tags & notes and edit document details'. At the bottom left, a 'Filter by My Tags' dropdown is shown with a list of tags like 'academic publishing', 'altmetrics', 'attention', 'bibliometrics', 'citation', 'collaboration', 'impact factor', 'LIS', 'metadata', 'open science', 'PCA', 'peer review', 'prestige metrics', 'referencemanagement', 'research', 'research methods', 'usage metrics', and 'web20'. A callout points to this filter with the text 'Filter your papers by authors, keywords, tags, or publications'.

Set up and manage your reference groups

Library showing all your documents (citation or table view)

Add tags & notes and edit document details

Filter your papers by authors, keywords, tags, or publications

Authors	Title	Year	Published In	Added
Adler, Robert; Ewing, John; Taylor, ...	Citation Statistics	2009	Statistical Science	11/29/10
BLOMLEY, N	Is this journal worth US\$1118?	2006	Geoforum	7/30/10
Bollen, Johan; Van de Sompel, Herb...	A principal component analysis of 39 scientific impact measures	2009	PLOS ONE	7/30/10
Dang Nguyen, G.; Pénard, T.	Network Cooperation and incentives within online communities	2006	Economics Working Paper Archive Universi...	7/30/10
Duval, Erik; Najjar, Jehad; Wolpers...	Proceedings of the 1st international workshop on Contextualized attention metadata: collecting, managing and exploiting of rich usage information	2006	Conference on Information and Knowl...	7/30/10
Fenner, Martin	Reference Management meets Web 2.0	2010	October	10/8/10
FLETCHER, Robert H; FLETCHER, S...	Peer Review in Health Sciences	2003		8/9/10
Iriben, Al	Surveying the impact of scientific publications	2009	Surveys	7/30/10
Jinha, Arif E.	Article 50 million: an estimate of the number of scholarly articles in existence	2010	Learned Publishing	10/1/10
Liu, Ying; Bai, Kun; Mitra, Prasenjit...	TableSeer: automatic table metadata extraction and searching in digital libraries	2007	Proceedings of the 7th ACM/IEEE joint conf...	7/30/10
Maxmen, Amy	Science Networking Gets Serious	2010	Cell	7/30/10
Najjar, Jehad; Duval, Erik; Wolpers...	Attention metadata collection and management	2006	WWW2006 Workshop on Logging Traces of ...	7/30/10
Radicchi, Filippo; Fortunato, Santo...	Diffusion of scientific credits and the ranking of scientists.	2009	Physical Review E - Statistical, Nonlinear a...	10/22/10
Velden, Theresa; Haque, Asif-ul; La...	A new approach to analyzing patterns of collaboration in co-authorship networks: mesoscopic analysis and interpretation	2010	Scientometrics	7/30/10
Vision, Todd J.	Open Data and the Social Contract of Scientific Publishing	2010	BioScience	7/30/10
Michael Nielsen » Reinventing scientific papers				7/30/10

Details **Notes**

Type: Journal Article

A principal component analysis of 39 scientific impact measu...

Authors: J. Bollen, H. Van de Sompel, A. Hagberg et al.

View research catalog entry for this paper

Journal: PLOS ONE

Year: 2009

Volume: 4

Issue: 6

Abstract: The impact of scientific publications has traditionally been expressed in terms of citation counts. However, scientific activity has moved online over the past decade. To better capture scientific impact in the digital era, a variety of new impact measures has been proposed on the basis of social network analysis and usage log data. Here we investigate how these new measures relate to each other, and how accur...

Tags: PCA; impact factor; prestige metrics; usage m...

Keywords: Access to Information; Bibliometrics; Databases; Factual; Information Dissemination; Journal Impact Factor; Periodicals as Topic; Periodicals as Topic: standards; Periodicals as Topic: trends; Principal Component Analysis; Publishing; Publi...

Citation Key: Bollen2009

URL: <http://www.pubmedcentral.nih.gov/artide...>

Catalog IDs

ArXiv ID:

DOI: 10.1371/journal.pone.0006022

PMID: 19562078

Files: Bollen et al. - 2009 - A principal componen...

Menambahkan Rujukan ke Dalam Mendeley

The screenshot shows the Mendeley Desktop application window. The 'File' menu is open, displaying options like 'Add Files...', 'Add Folder...', 'Watch Folder...', 'Add Entry Manually...', 'Export...', 'Send by E-mail...', 'Merge Documents', 'Delete Documents', 'Remove from Collection', 'Rename Document Files...', 'Synchronize Library', and 'Quit'. A callout box points to the 'Add Files...' and 'Add Folder...' options, stating: 'You have different options to set up your library: • Add single files or an entire folder • “Watch a folder” to automatically import PDF files • Drag and drop PDFs into Mendeley Desktop'. Another callout box points to the 'Watch Folder...' option, stating: '... and Mendeley will try to extract the document details automatically'. A third callout box points to the 'Add Entry Manually...' option, stating: 'You can also: • Add existing EndNote/BibTeX/RIS databases • Sync with other reference management webapps • Use Mendeley Web Importer to add from online databases • Add from the Mendeley Research Catalog'. The main window displays a list of references with columns for Authors, Title, and Year.

Authors	Title	Year
Adler, Robert; Ewing, John; Taylor, ...	Citation Statistics	2009
Bollen, Johan; Van de Sompel, Herb...	A principal component analysis of 39 scientific impact measures.	2006
DangNguyen, G.; Pénard, T.	Network Cooperation and incentives within online communities	2006
Duval, Erik; Naggai, Benad; Wolpers...	Proceedings of the 1st international workshop on Contextualized attention	2006
Fletcher, Robert H; Fletcher, S...	Peer Review in Health Sciences	2003
Jinha, Arif E.	Article 50 million: an estimate of the number of scholarly articles in existence	2010
Liu, Ying; Bai, Kun; Mitra, Prasenjit...	TableSeer: automatic table metadata extraction and searching in digital libraries	2007
Maxmen, Amy	Science Networking Gets Serious	2010

<http://www.mendeley.com/blog/tipstricks/7-ways-to-add-documents-to-mendeley/>

Details

Notes

Journal: JHEP

Year: 2008

Volume: 371

Issue:

Pages: 1579-1586

Abstract:

Tags:

Keywords:
autoimmune; GVHD; MSC

Citation Key:
Blanc2008

URL:
Add URL...

Catalog IDs
ArXiv ID:
DOI:
PMID: 18468541

Files:
 Blanc et al. - 2008 - Article
Add File...

Enter the DOI, PubMed, or ArXiv ID and click on the magnifier glass to start lookup

Missing info is added automatically

Details

Notes

Journal: JHEP

Year: 2008

Volume: 371

Issue:

Pages: 1579-1586

Abstract:
haemopoietic-stem-cell transplantation. METHODS: Patients with steroid-resistant, severe, acute GVHD were treated with mesenchymal stem cells, derived with the European Group for Blood and Marrow Transplantation ex-vivo expansion procedure, in a multicentre, phase II experimental study. We recorded response, transplantation-related deaths, and other adverse events for up to 60 months' follow-up from infusion of the cells. FINDINGS: Between October, 2001, and January, 2007, 55 patients were treated. The

Tags:

Keywords:
Adult; Child; Female; Follow-Up Studies; Graft vs Host Disease; Graft vs Host Disease: classification; Graft vs Host Disease: mortality; Graft vs Host Disease: therapy; Hematopoietic Stem Cell Transplantation; Hematopoietic Stem Cell Transplantation: adverse effects; Histocompatibility

Citation Key:
Blanc2008

URL:
 <http://www.ncbi.nlm.nih.gov/pubmed/18468541>
Add URL...

Catalog IDs
ArXiv ID:
DOI: 10.1016/S0140-6736(08)60690-X
PMID: 18468541

Files:
 Blanc et al. - 2008 - Articles Mesenchymal stem cell...
Add File...

Menggunakan Web Importer

1. Install the Web Importer:

IMPORT TO MENDELEY

www.mendeley.com/import

To install the Web Importer, you can either drag the "Import To Mendeley" button to your bookmarks toolbar, or you can right-click this button and choose to add this link to your bookmarks.

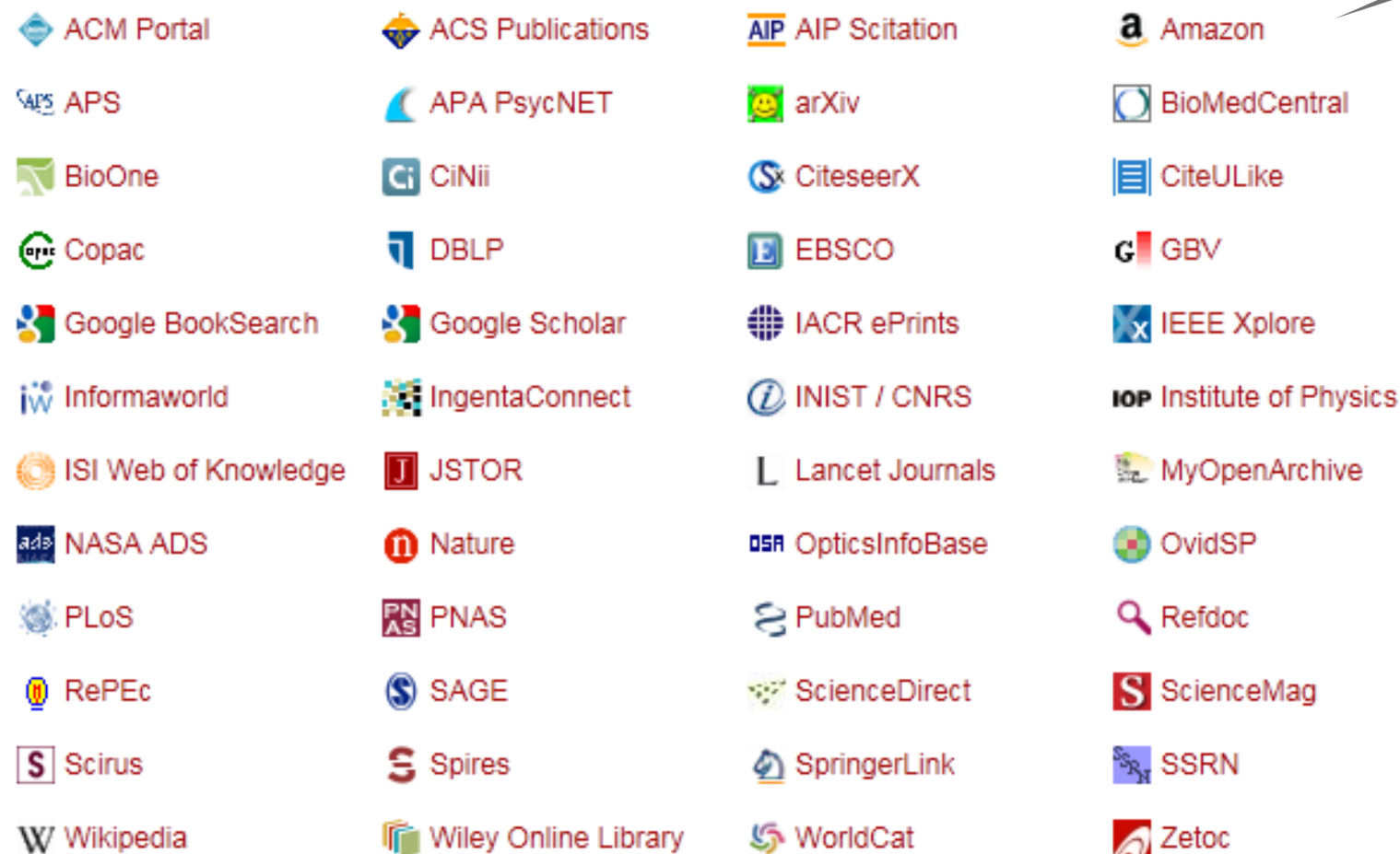
For the Web Importer to work, your browser's pop-up blocker needs to allow pop-ups from [Mendeley](#).
Click here to test your pop-up blocker: [Pop-up Blocker Test](#)

To install the Web Importer,
drag & drop the bookmarklet
to your Favorites/Bookmarks
in your internet browser

2. Locate a document:

You can now begin to import documents from a wide variety of sites, such as those listed below. In addition to these sites, we also support [COinS](#) for the easy import of documents into Mendeley.

Supported sites



The Web Importer
helps you grab
citations off the web

Menggunakan Web Importer

On the web page with the reference(s) you want to capture: click on the bookmarklet...

...then click on "Import" to import the reference/paper to your Mendeley library. If possible/available, also the associated PDF will be imported.

The image is a composite of three screenshots illustrating the workflow for importing references from PubMed to Mendeley.

Top Left Screenshot: A Mozilla Firefox browser window displaying the PubMed website. The search results for 'genetics' are shown. A grey arrow points from the text 'On the web page with the reference(s) you want to capture: click on the bookmarklet...' to the 'Import to Mendeley' bookmarklet button located in the browser's toolbar.

Top Right Screenshot: A Mozilla Firefox browser window showing the Mendeley 'Import documents to Mendeley' page. The URL is <http://www.mendeley.com/import/bookmarklet/?key=7f3bb05bba07064b5560fa5846c23332>. The page lists several references imported from PubMed, each with an 'Import' button and a 'Show abstract' link. A grey arrow points from the text '...then click on "Import" to import the reference/paper to your Mendeley library. If possible/available, also the associated PDF will be imported.' to one of the 'Import' buttons.

Bottom Screenshot: A 'Done' window from Mendeley, indicating that the import process is complete. It shows a list of the imported references, including titles like 'Use of Albumin Polymers during Breast Cancer Surgery Improves Postoperative Seroma Outcome' and 'Mitochondrial DNA Variation in the CoxI-CoxII Intergenic Region among Turkish and Iranian Honey Bees (Apis mellifera L.)'.

MEMBUAT SITIRAN DAN DAFTAR PUSTAKA



UNIVERSITAS TERBUKA

Instalasi MS Word plug in



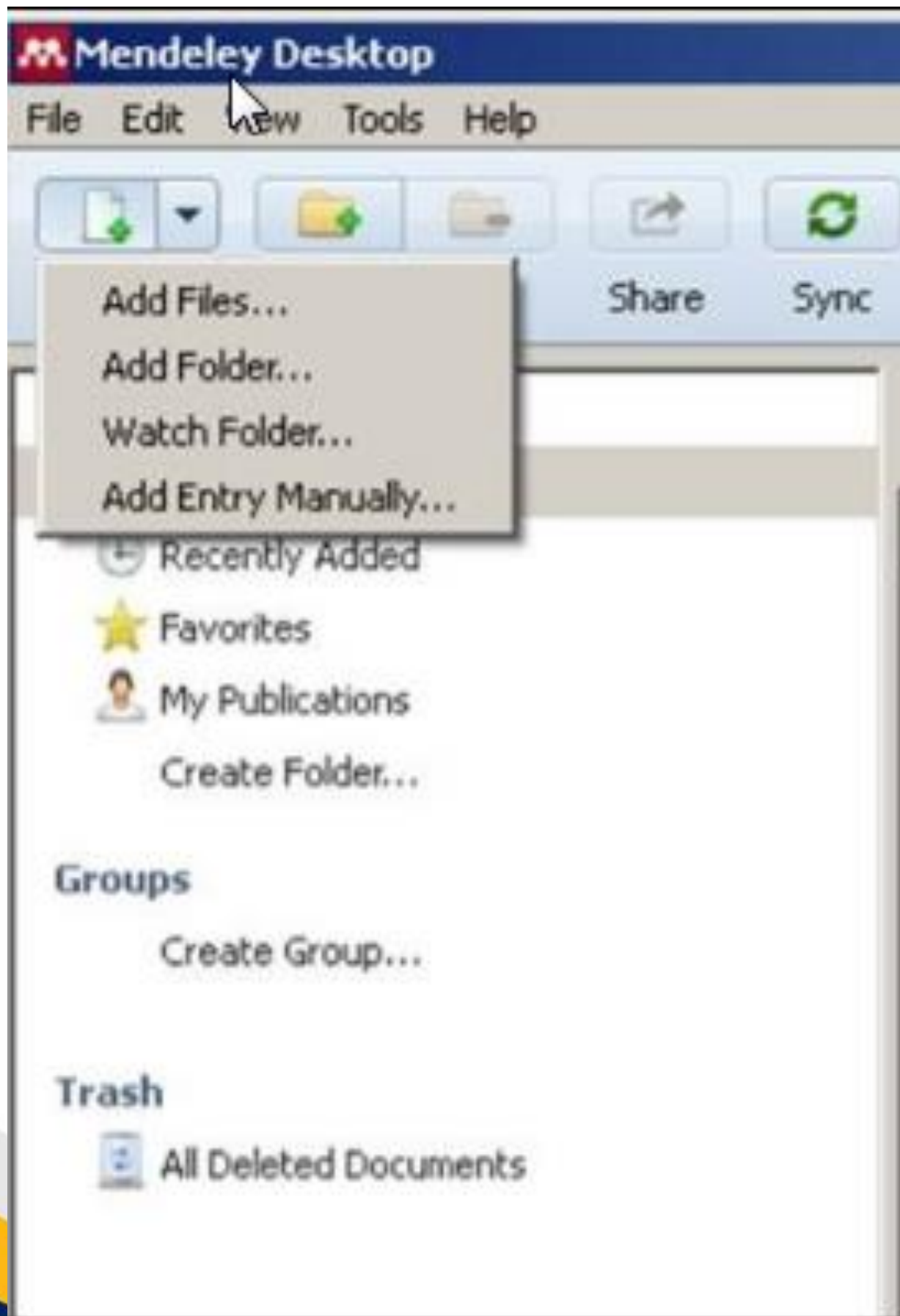
1. Buat Folder di Mendeley

2. Pindahkan artikel yang sudah di unduh ke dalam folder yang dibuat

The screenshot shows the Mendeley Desktop application window. The left sidebar contains a tree view of folders, including 'Needs Review', 'My Publications', 'Unsorted', and 'Disertasi'. The 'Disertasi' folder is selected, and its contents are displayed in the main pane. The main pane shows a list of articles with columns for 'Authors', 'Title', 'Year', 'Published In', and 'Added'. The right pane shows 'No documents selected'.

Authors	Title	Year	Published In	Added
Jennex, Murray E	Case Studies in Knowledge Management	2005		7:33am
Nativi, Stefano; Mazzetti, P...	Biodiversity and climate change use scenarios framework for the GEOSS interoperability pilot process	2009	Ecological Informatics	7:30am
Iii, B A B	METODOLOGI PENELITIAN			7:34am
Kota, Pemerintah; Aceh, Ba...	IT MASTER PLAN	2014		7:31am
Lee, Jang-Hwan; Kim, Youn...	A stage model of organizational knowledge management: a latent content analysis	2001	Expert Systems with Applications	7:34am
Grunert, Klaus G	The Concept of Key Success Factors : Theory and Method Charlotte Ellegaard Project no 15 Executive Summary	1992		9/24/12
Lusa, Sofian; Sensuse, Da...	Enterprise architecture model for implementation knowledge management system (KMS)	2011	Ictc 2011	7:33am
Ramadhan, Arief; Sensuse...	A Proposed Methodology to Develop an e-Government System Based on Soft Systems Methodology (SSM) and F...	2011		7:33am
Sarkar, Indra Neil; Trizna, Mi...	The Barcode of Life Data Portal: bridging the biodiversity informatics divide for DNA barcoding.	2011	PloS one	8/27/12
Wedhasmara, Ari	WARD AND PEPPARD	2002		11/5/12
Zachman, Togaf D A N	Arsitektur informasi untuk e-procurement persediaan			7:31am
	South African National Biodiversity Institute			11/5/12
Byrne, Barbara M.	Structural Equation Modeling With AMOS, EQS, and LISREL: Comparative Approaches to Testing for the Factorial Validit...	2001	International Journal of Testing	7:34am
Agrawal, R.C.; Archak, Su...	An overview of biodiversity informatics with special reference to plant genetic resources	2012	Computers and Electronics in Agri...	8/27/12
Cakrayana, Iwan	PERANCANGAN ENTERPRISE ARCHITECTURE SEKOLAH MENENGAH ATAS (Studi Kasus : SMA Plus PGRI Cibinong) I...	2011		7:31am

Menambahkan Dokumen

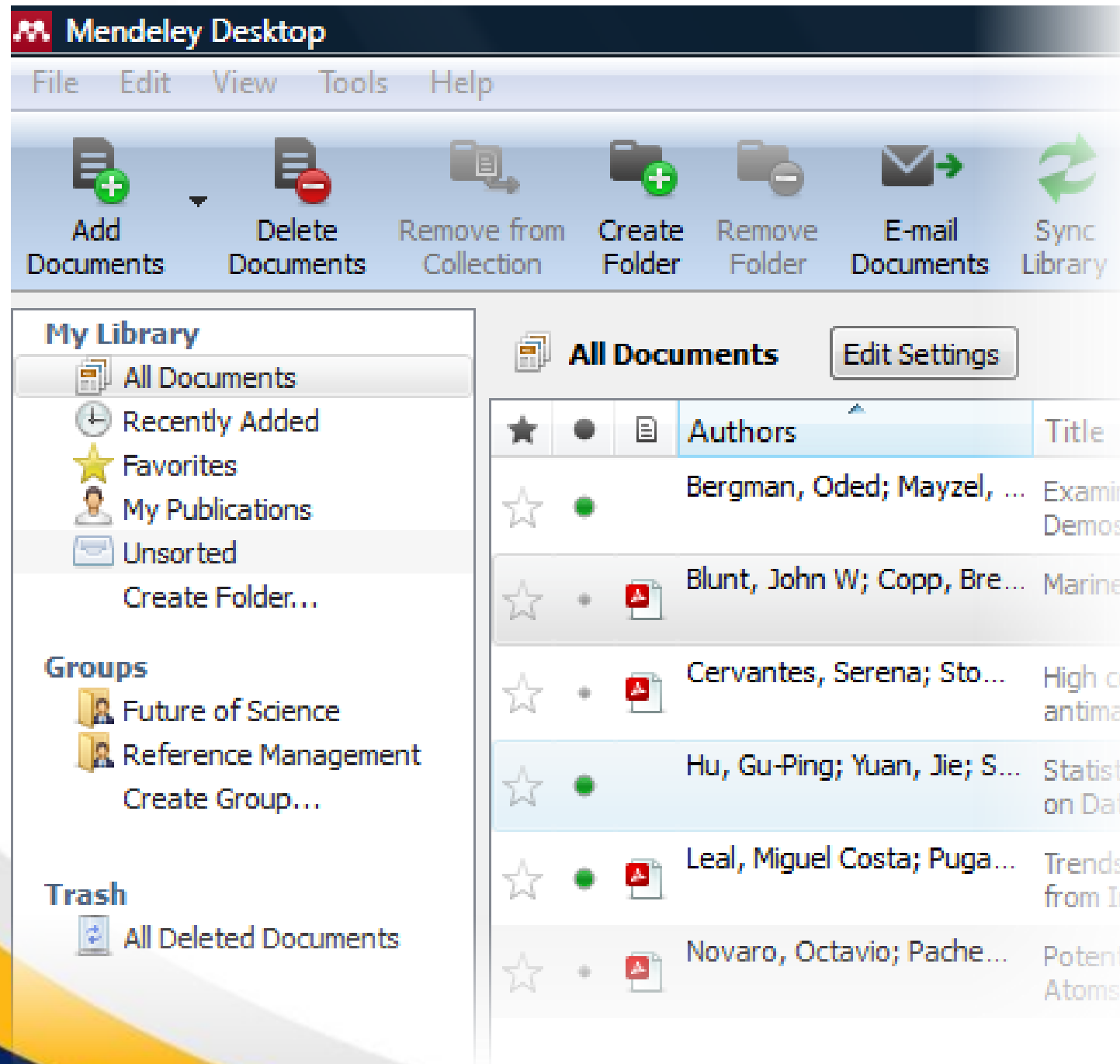


- ❑ *add file* : untuk menambahkan dokumen satu per satu
- ❑ *add folder* : menambahkan dokumen satu folder sekaligus
 - ❑ *watch folder* : penambahan dokumen dalam folder secara otomatis akan ditambahkan ke dalam Mendeley
- ❑ *add entry manual* : menambahkan (input) data secara manual.

Mengelola Mendeley library



UNIVERSITAS TERBUKA



- Menyunting referensi
- Mengklasifikasikan referensi ke dalam kelompok subyek
- Membaca referensi & memberi anotasi

Mengelola Mendeley library

Mengklasifikasikan referensi ke dalam kelompok subyek



- Sorot salah satu referensi
- Periksa ruas-ruas (field) yang perlu ditambahkan informasi

Mengelola Mendeley library

Menyunting referensi

- Sorot salah satu referensi
- Periksa ruas-ruas (*field*) yang perlu ditambahkan informasi

Details

Notes

Type: Journal Article

High content live cell imaging for the discovery of new antimalarial marine natural products.

Authors: S. Cervantes, P. Stout, J. Prudhomme et al.

 View research catalog entry for this paper

Journal: *BMC infectious diseases*

Year: 2012

Volume: 12

Issue:

Pages: 1

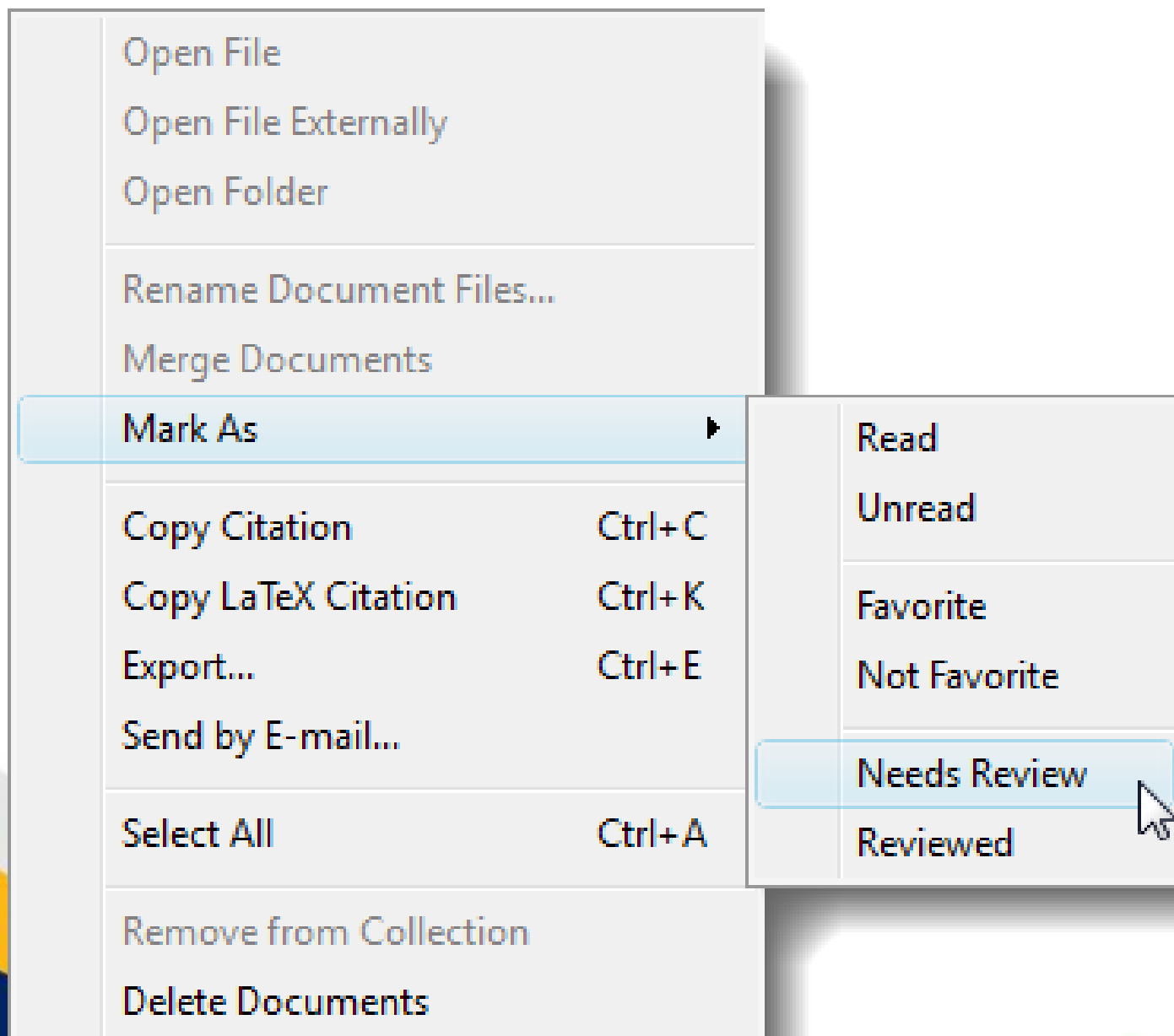
Abstract:

The human malaria parasite remains a burden in developing nations. It is responsible for up to one million deaths a year, a number that could rise due to increasing multi-drug resistance to all antimalarial drugs currently available. Therefore, there is an urgent need for the discovery of new drug therapies. Recently, our laboratory developed a simple one-step fluorescence-based live cell-imaging assay to integrate the complex biology of the human malaria parasite into drug discovery. Here we used our newly developed live cell-imaging platform to discover novel marine natural products and their cellular phenotypic effects against the most lethal malaria parasite, *Plasmodium falciparum*.

Mengelola Mendeley library

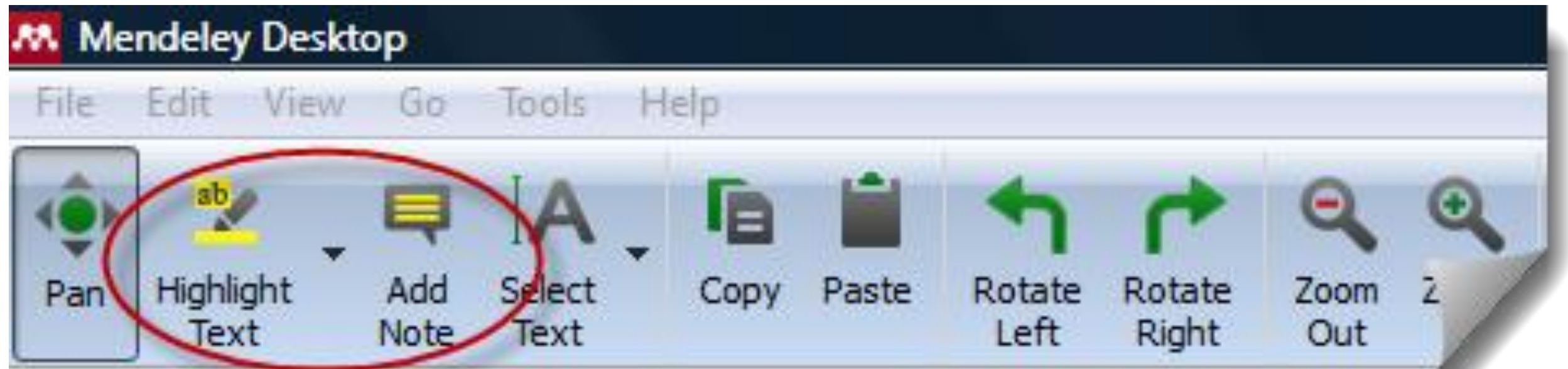
Membaca referensi & memberi anotasi

- Sorot salah satu referensi
- Klik 'Open File'
- Klik 'Mark As' untuk menandai:
 - Telah dibaca
 - Belum dibaca
 - Favorite
 - Perlu direview
 - Sudah direview



Mengelola Mendeley library

Membaca referensi & memberi anotasi



- Sorot salah satu referensi
- Pilih 'Add Note' untuk memberi anotasi (catatan)
- Pilih 'Highlight Text' untuk men-stabillo kalimat tertentu

3. Baca Setiap Artikel dan tandai mana yang akan di acu

Mendeley Desktop

File Edit View Go Tools Help

Pan Select Highlight Rotate Zoom Fullscreen Share Sync

Search...

My Library An overview of biodive...

modern computer techniques that are immune to the scale and types of data can yield (i) new ways to view and analyze the information and (ii) predictive models to generate information that does not yet exist. In spite of being a relatively young discipline numerous persons, worldwide, are involved with the design and construction of taxonomic databases. Biodiversity informatics as a discipline started with the construction of the first taxonomic coding system by researchers at the Virginia Institute of Marine Science for the Biota of Chesapeake Bay in 1972. This work led directly or indirectly to a number of other taxonomic databases specializing in particular groups of organisms culminating into the "Catalog of Life" in 2001 as well as into "Biodiversity Informatics Projects of the World".

Biodiversity informatics in simple terms is the computer handling of vast information on biodiversity and its management. Biodiversity informatics is brought into frontier science as a result of (i) increased awareness, (ii) various international agreements coming into force, (iii) availability of information in text, images, maps, videos as well as technology to record, link and archive diverse types of information, and (iv) ever-increasing power of computers and internet to facilitate access and retrieval. Biologists and social scientists have equally found the discipline of biodiversity informatics engaging and rewarding. An attempt is made in this article to catch the bird's-eye view of the state of biodiversity informatics at global level and to analyze the relevant Indian initiatives with special reference to plant genetic resources (PGR). Our aim is to introduce the discipline of biodiversity informatics and its potential utility to biologists particularly PGR researchers and hope to prompt action from different stakeholders including policy makers toward developing biodiversity informatics in India as an example to gene-rich countries.

(Neale et al., 2007).

1.2. Biodiversity informatics data standard

Poorly designed biodiversity portals are likely to remain underutilized. It has become crucial that database-developers agree upon a minimum set of entry as well as retrieval guides and benchmarks that allow seamless transfer, collation, curation, extraction and integration of data across sources. For instance, Darwin Core is a well known biodiversity informatics data standard that con-

for discovery, retrieval, and integration of data across sources, their occurrence, and the documentation includes a glossary of terms, reference commentaries. Furthermore, documents terms and extension of terms to new The requirement of users and their efficient usability of the system. Users interests – researchers at university, public services, commercial services (al., 2007). Design approaches centered gap between technology and user and (nd Petington, 2009).

You 6/10/2013 12:16:26 PM
Siti di Pendahuluan

2. Prominent biodiversity informatics initiatives

2.1. Encyclopedia of Life (EoL)

EoL is an unusual online reference source and database created by compiling existing databases as well as from contributions by experts and non-experts throughout the world. EoL describes all

Details Notes

Type: Journal Article

An overview of biodiversity informatics with special reference to plant genetic res...

Authors: R. Agrawal, S. Archak, R. Tyagi

View research catalog entry for this paper

Journal: *Computers and Electronics in Agriculture*

Year: 2012

Volume: 84

Issue:

Pages: 92-99

Abstract:

The ever-increasing significance of biodiversity conservation and advancements in computer technology for digitization and management of data have catapulted biodiversity informatics into limelight. Biodiversity informatics enhances the efficiency of biodiversity management by researchers, policy makers, and funding agencies. Plant genetic resources (PGR) are a key component of biodiversity as they have a direct bearing on food and nutritional security. As a result, PGR informatics that specifically deals with agro-biodiversity needs greater patronage. This overview describes the state of biodiversity informatics with special reference to PGR informatics. The aim of this review is to generate awareness about the existing biodiversity inform...

Page 2 of 8

3. Buka Template Naskah jurnal yang akan dituju

4. Masukkan setiap referensi yang akan disitir dengan mendeley

Contoh [Compatibility Mode] - Microsoft Word

Mailings Review View Nitro PDF

Style: Insert a citation...
 Insert Bibliography
 Refresh
 Mendeley Cite-O-Matic

Manage Sources
 Style: APA
 Insert Citation
 Bibliography
 Citations & Bibliography

Insert Table of Figures
 Update Table
 Insert Caption
 Cross-reference
 Captions

Insert Citation
 Insert a new citation (Alt-M)
 Mendeley-1.8.4
 Press F1 for more help.

Biodiversity Informatics Challenge and Opportunities in Indonesia

(Please do not enter the authors name in paper that is going to be reviewed)
Laboratory of Computer Science

Abstract—These instructions give you guidelines for preparing papers for IEEE conferences. Use this document as a template if you are using Microsoft Word 6.0 or later. Otherwise, use this document as an instruction set. Instructions about final paper and figure submissions in this document are for IEEE journals; please use this document as a “template” to prepare your manuscript. For submission guidelines, follow instructions on paper submission system as well as the Conference website. Do not delete the blank line immediately above the abstract; it sets the footnote at the bottom of this column.

I. INTRODUCTION

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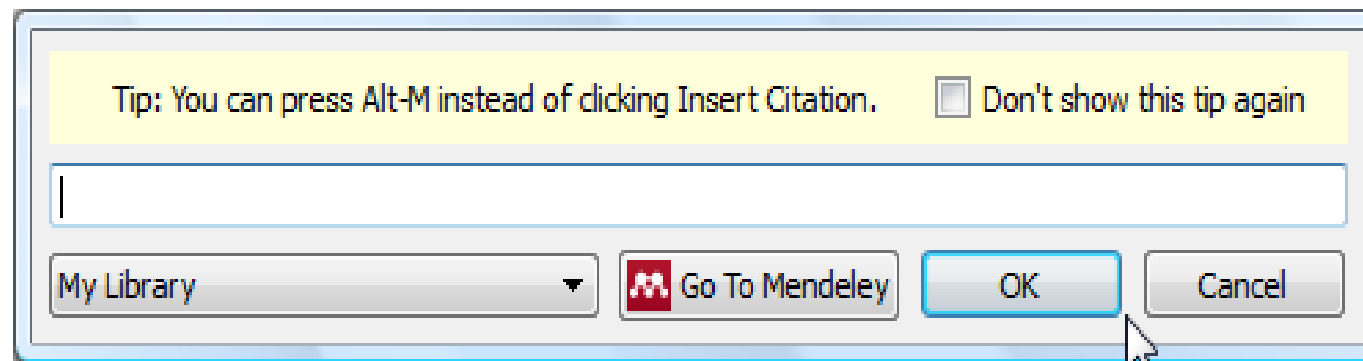
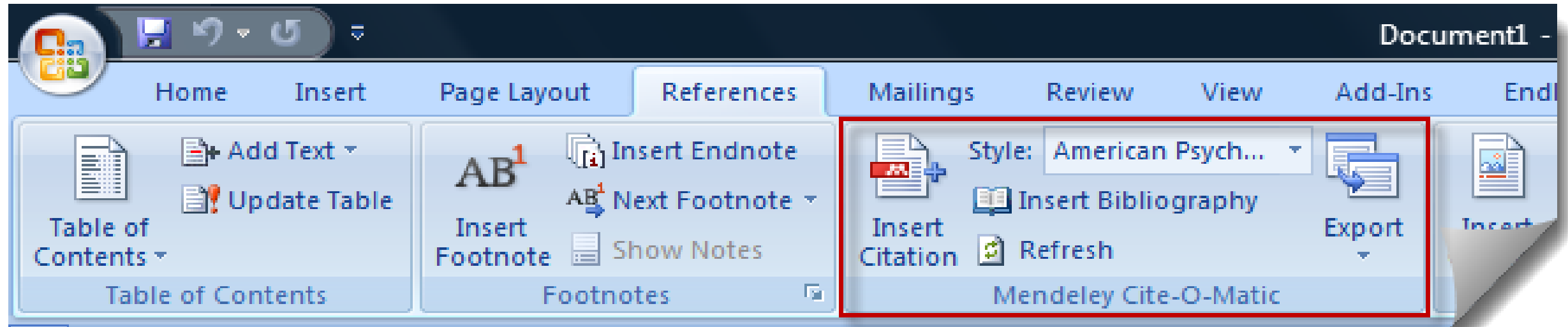
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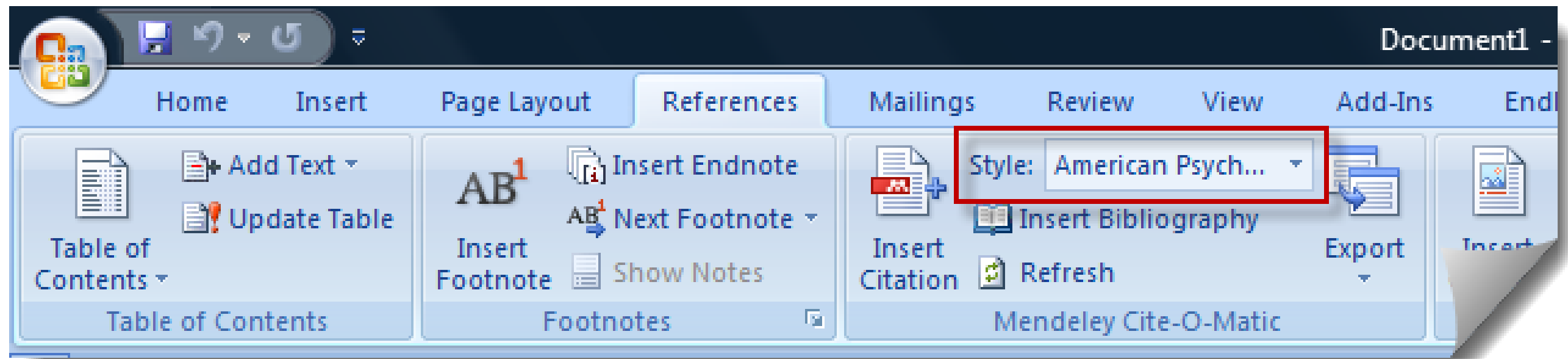
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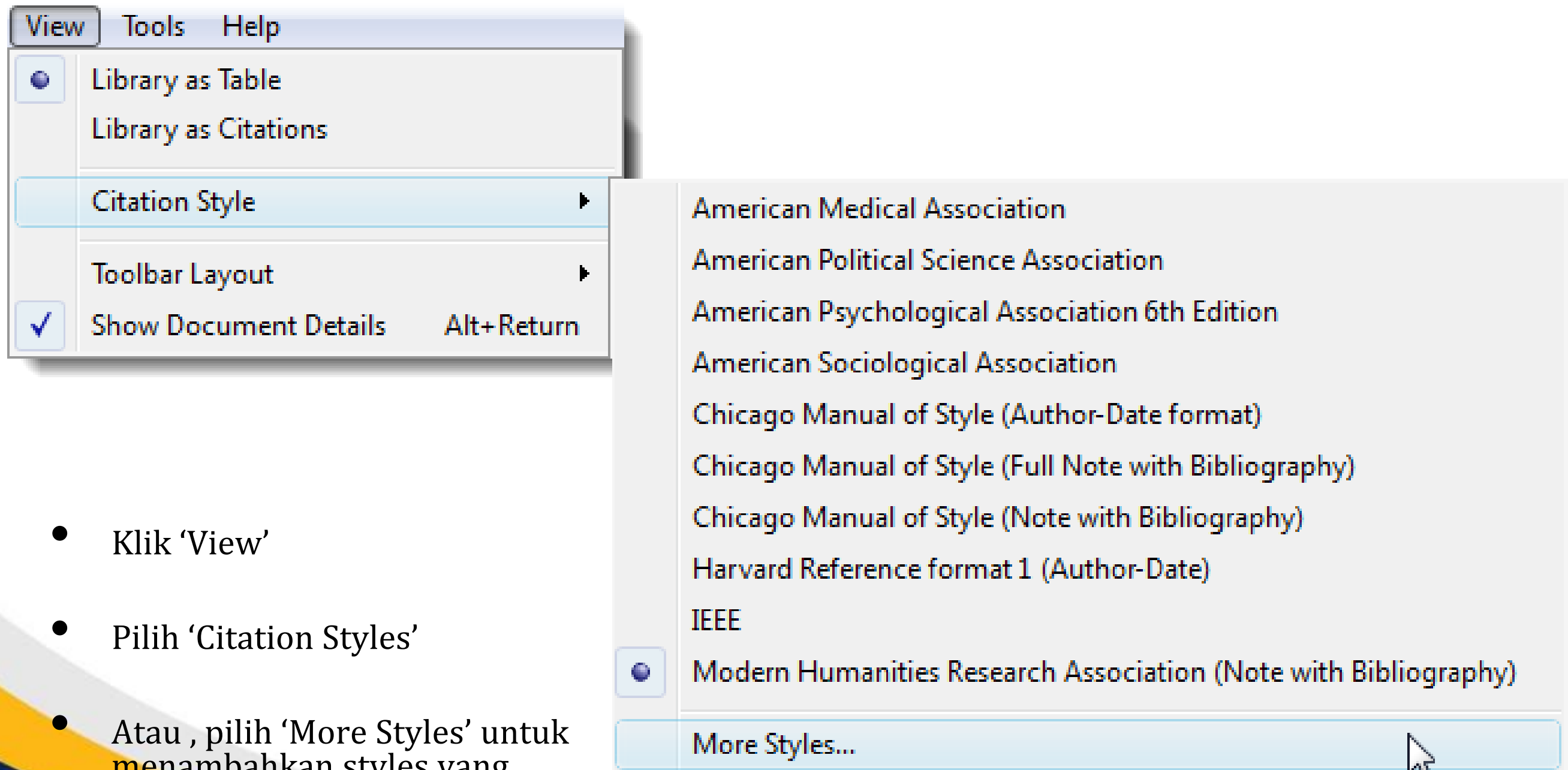
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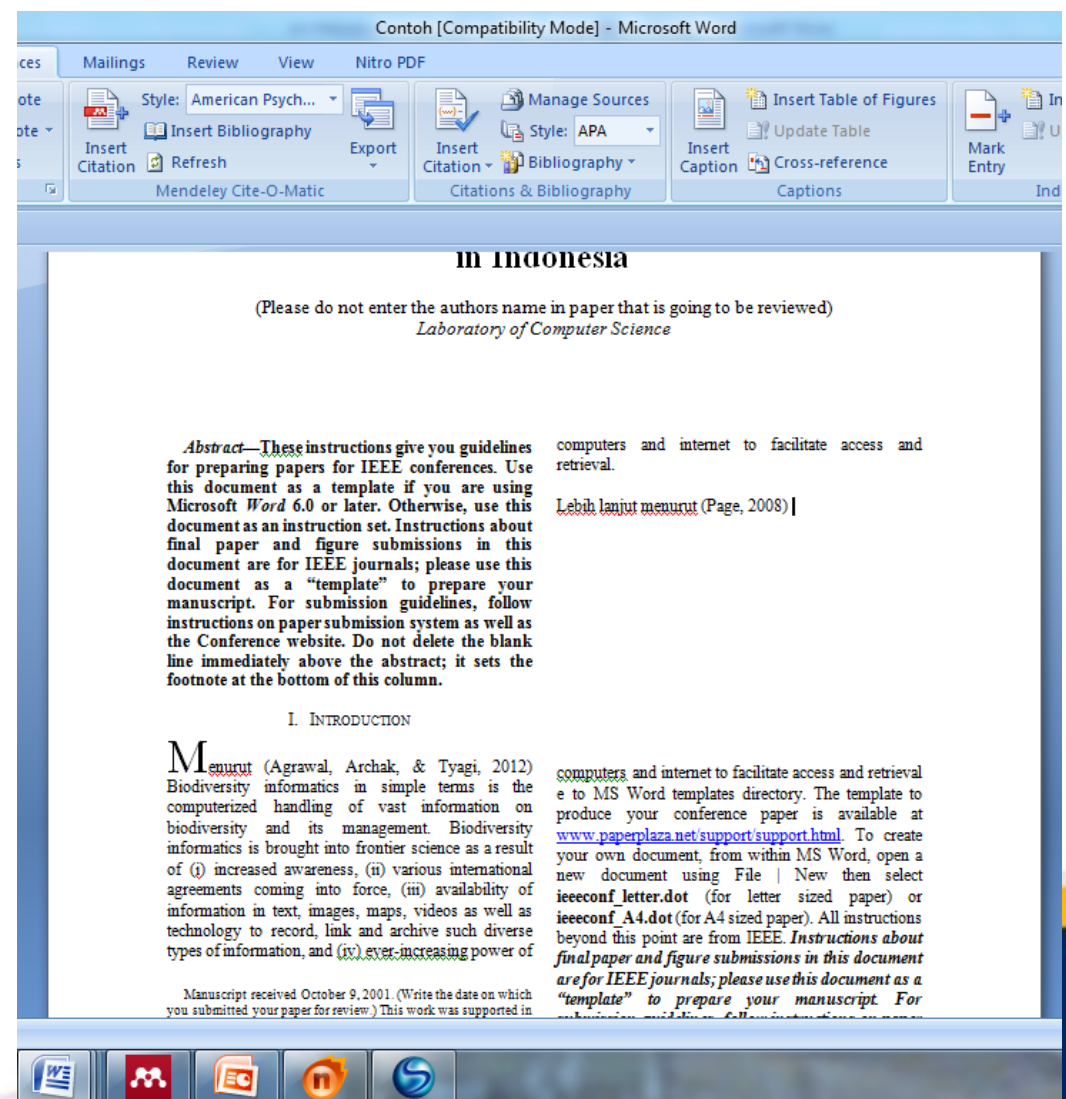
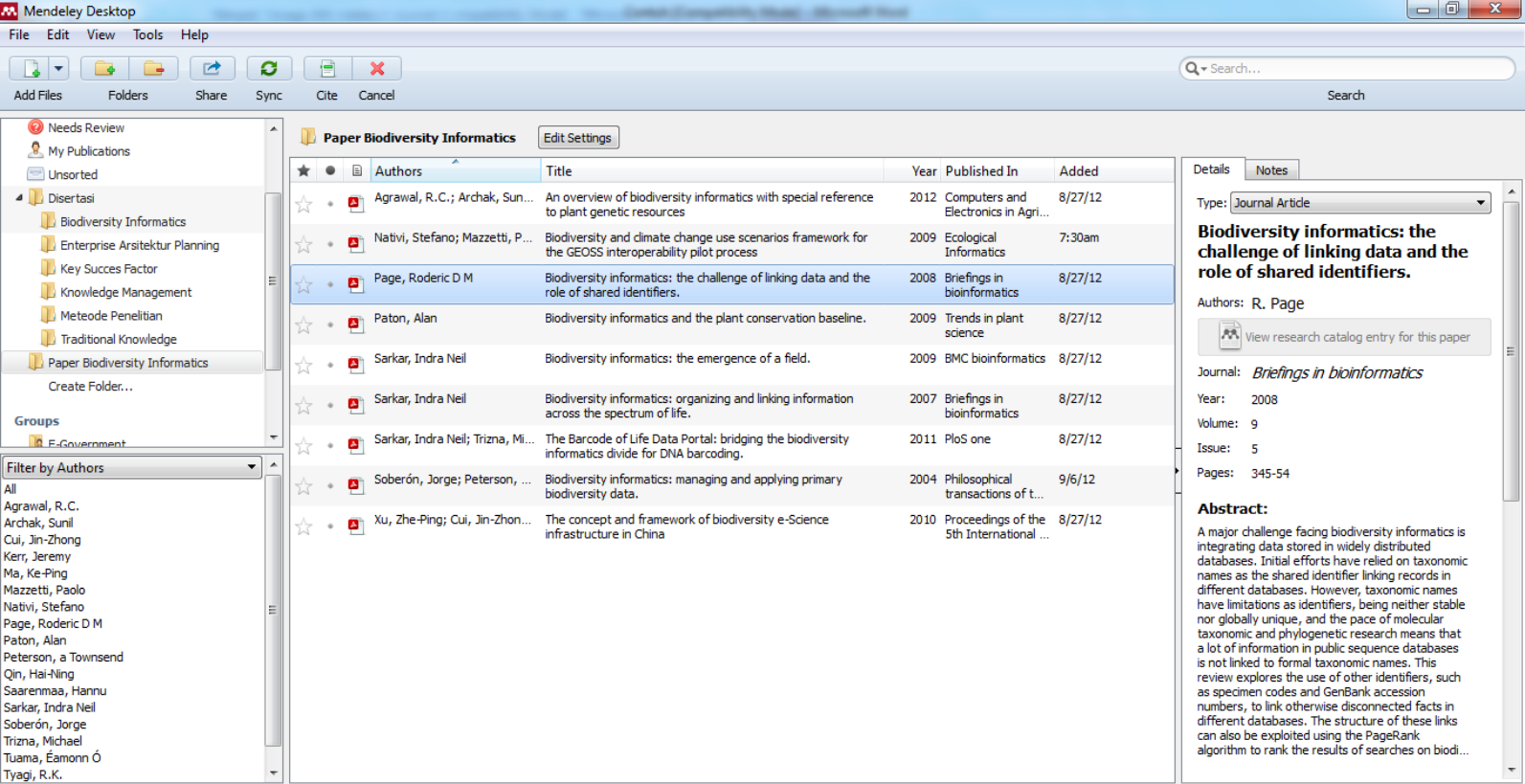
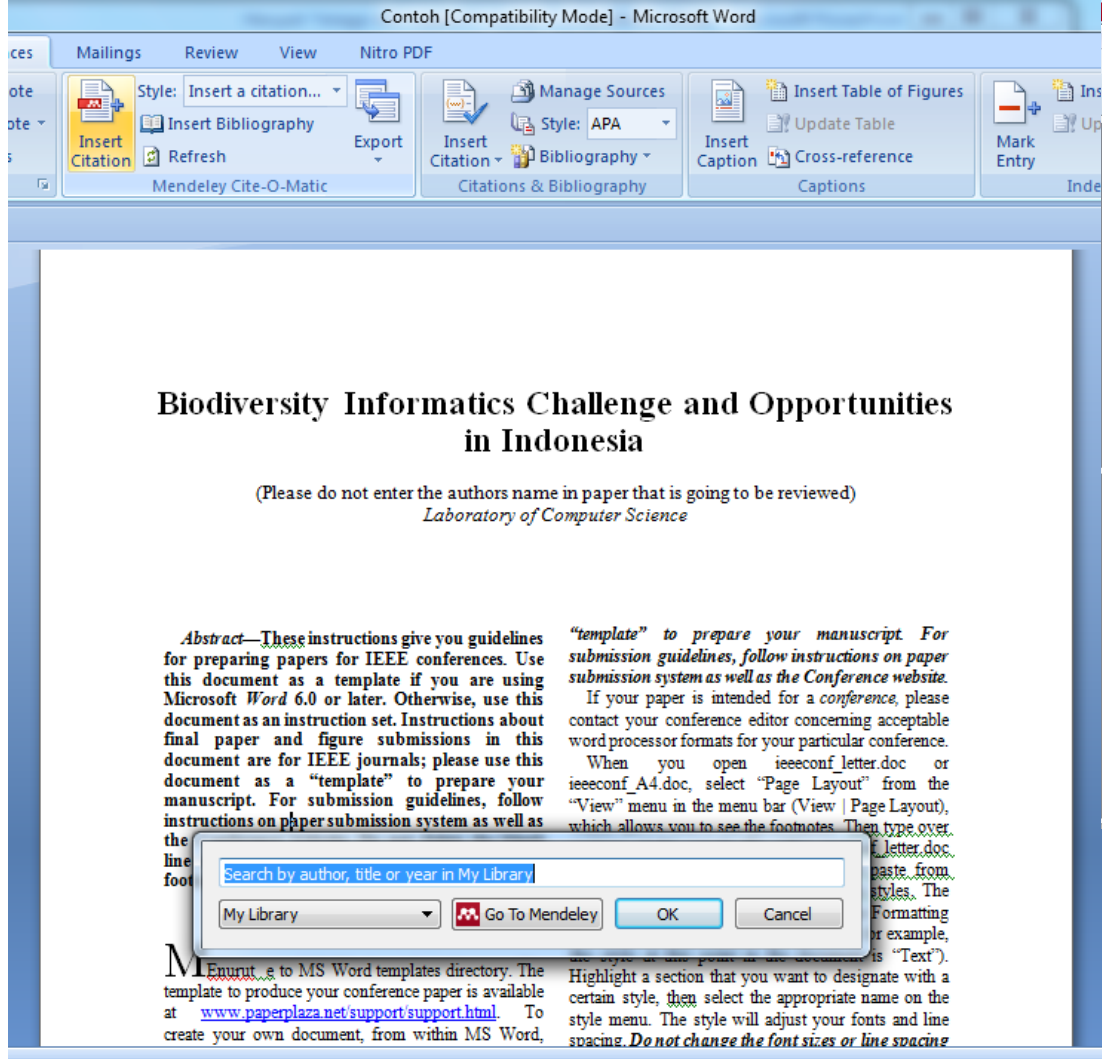


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taxonomic and phylogenetic research means that a lot of information in public sequence databases is not linked to formal taxonomic names. This review explores the use of other identifiers, such as specimen codes and GenBank accession numbers, to link otherwise disconnected facts in different databases. The structure of these links can also be exploited using the PageRank algorithm to rank the results of searches on biodiversity databases. The key to rich integration is a commitment to deploy and reuse globally unique, shared identifiers [such as Digital Object Identifiers (DOIs) and Life Science Identifiers (LSIDs)], and the implementation of services that link those identifiers.

Keywords: biodiversity informatics; DOI; identifiers; knowledge integration; LSID; Semantic Web; taxonomy

INTRODUCTION

Integrating diverse sources of digital information is a (but not limited to) museum specimens. The Catalogue of Life (<http://www.catalogueoflife.org>)

A major challenge facing biodiversity informatics is integrating data stored in widely distributed databases. Initial efforts have relied on taxonomic names as the shared identifier linking records in different databases. However, taxonomic names have limitations as identifiers, being neither stable nor globally unique, and the pace of molecular taxonomic and phylogenetic research means that a lot of information in public sequence databases is not linked to formal taxonomic names. This review explores the use of other identifiers, such as specimen codes and GenBank accession numbers, to link otherwise disconnected facts in different databases. The structure of these links can also be exploited using the PageRank algorithm to rank the results of searches on biodi...



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Tags: assays, cfu-f, markers, mesenchymal stem cell, stemness

...319. doi:10.1016/j.stem.2008.03.002. Mesenchymal Stem Cells: Revisiting History...

Bone marrow mesenchymal stem cells are abnormal in multiple myeloma

Jill Corre; K Mahtouk; M Attal; M Gad... - 2007 - Leukemia

Tags: DKK1, GDF15, MGUS, mesenchymal stem cell, microenvironment, multiple...

...21(5): 1079-1088. Bone marrow mesenchymal stem cells are abnormal...

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Keywords: expression profiling, mesenchymal stem cell, osteoblast, signaling...

...of Wnt Signaling Mechanisms in Mesenchymal Stem Cells S. Leah Etheridge...

Comparative proteomic analysis of human mesenchymal and embryonic stem cells: towards the definition of a mesenchymal stem cell proteomic signature.

Stephane Roche; B Delorme; RaJ Oosten... - 2009 - Proteomics

Keywords: ...Cells: metabolism, Gene Expression, Humans, Mesenchymal Stem Cells, Mesenchymal Stem...

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How Wnt signaling affects bone repair by mesenchymal stem cells from the bone marrow.

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 Ulrike Heider; M Kaiser; M Mieth; B L... - 2009 - European journal of haematology
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 - A crosstalk between myeloma cells and marrow stromal cells stimulates production of DKK1 and interleukin-6: a potential role in the development of lytic bone disease and tumor progression in multiple myeloma.**
 William G Gunn; A Conley; L Deininger... - 2006 - Stem cells (Dayton, Ohio)
 ... Disease and Tumor Progression in **Multiple Myeloma** W ILLIAM G....
 - A crosstalk between myeloma cells and marrow stromal cells stimulates production of DKK1 and interleukin-6: A potential role in the development of lytic bone disease and tumor progression in multiple myeloma**
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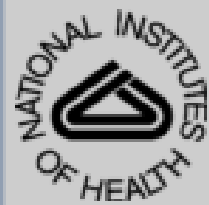
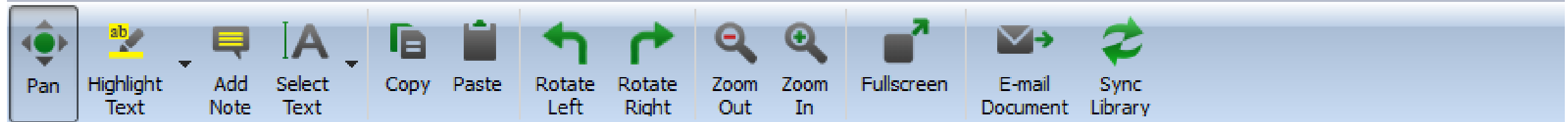
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Abstract:

Multiple myeloma (MM) is a malignancy of antibody-secreting plasma cells. B-cell plasmacytomas stimulate bone resorption and angiogenesis, resulting in osteolytic lesions in the skeleton which persist upon successful treatment of the malignancy with chemotherapy. We found that an interaction between MM cells and mesenchymal stem cells (MSCs) from bone marrow stroma results in the formation and persistence of osteolytic bone lesions. It is known that MM cells activate osteoclast activity and secrete high levels of the Wnt inhibitor, Dickkopf-1, which prevents MSCs from differentiating into osteoblasts. We show that the Wnt signaling activator 6-bromoindirubin-3'-monoxime (BIO) releases MS...

Tags:

multiple myeloma; cancer; bone; mesenchymal stem cell; Wnt; Dkk1; bromoindirubin-3'-mono...



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Cell Stem Cell. Author manuscript; available in PMC 2009 April 10.

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Cell Stem Cell. 2008 April 10; 2(4): 313–319. doi:10.1016/j.stem.2008.03.002.

Mesenchymal Stem Cells: Revisiting History, Concepts, and Assays

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¹*Department of Experimental Medicine and Pathology, La Sapienza University, 00161 Rome, Italy*

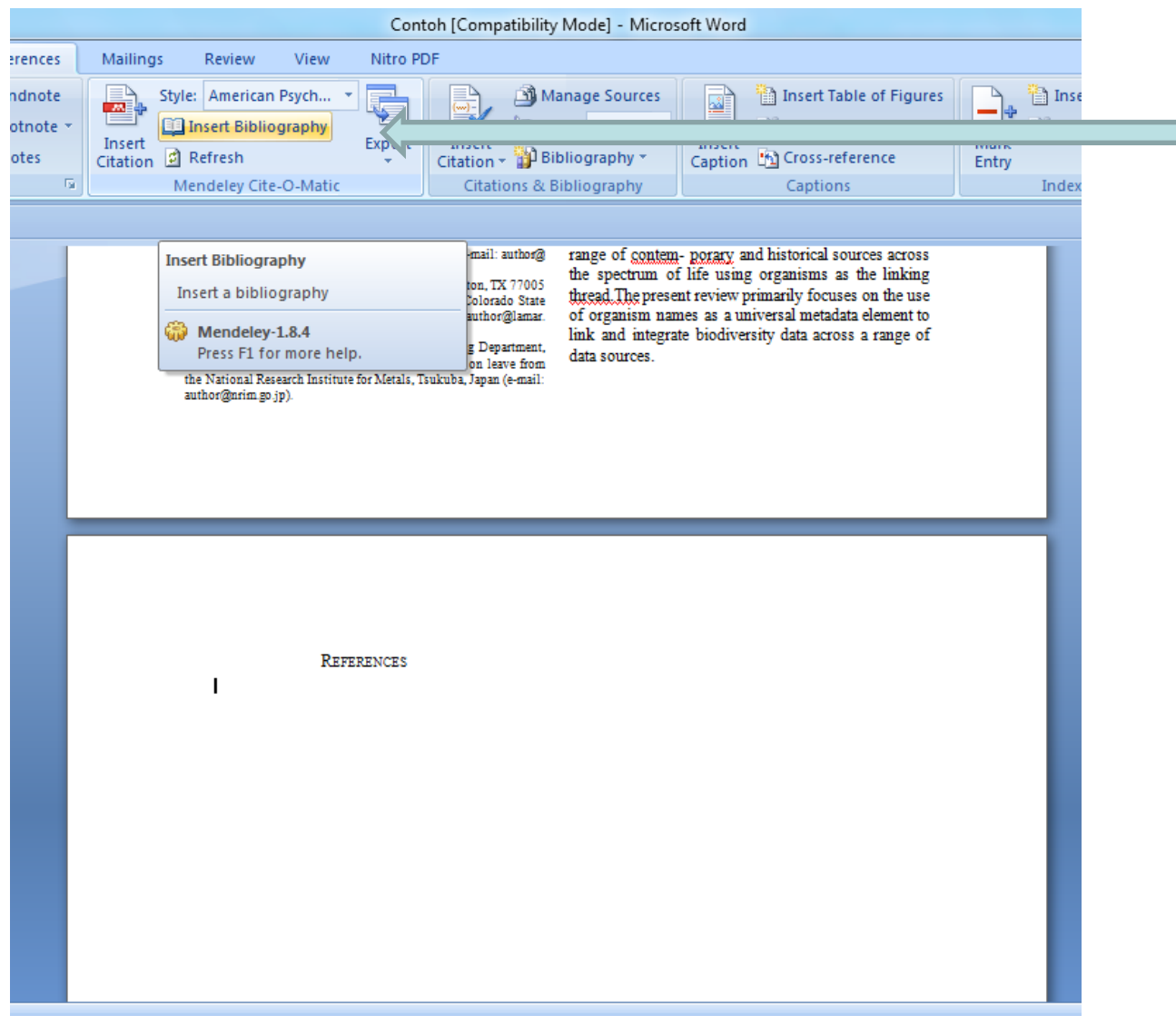
²*Biomedical Science Park San Raffaele, 00128 Rome, Italy*

³*Craniofacial and Skeletal Diseases Branch, Department of Health and Human Services, National Institute of Dental and Craniofacial Research, National Institutes of Health, Bethesda, MD 20892, USA*

⁴*Brown Foundation Institute of Molecular Medicine, University of Texas Health Science Center at Houston, Houston, TX 77030, USA*

Abstract

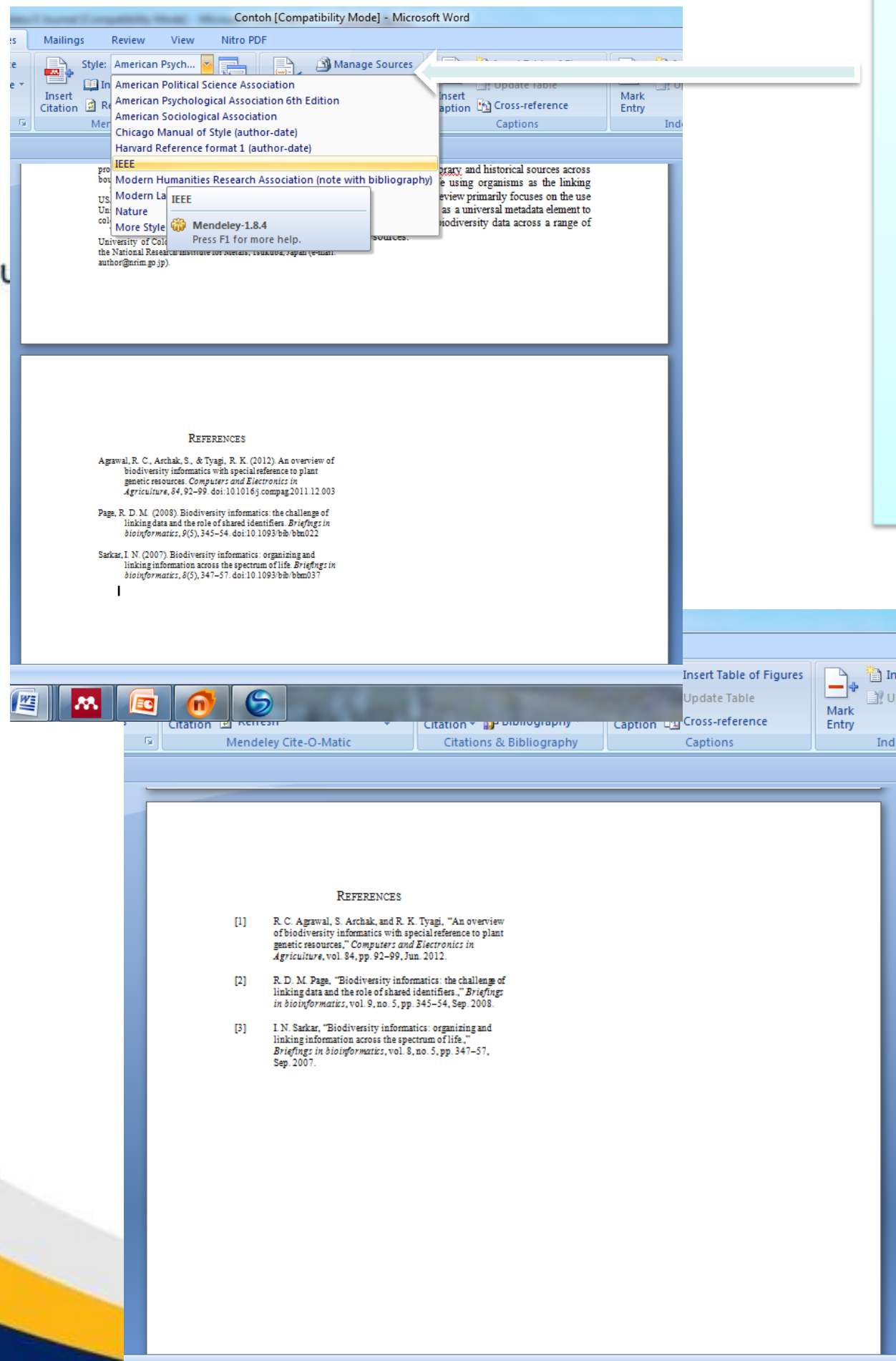
The concept of mesenchymal stem cells has gained wide popularity. Despite the rapid growth of the field, uncertainties remain with respect to the defining characteristics of these cells, including their potency and self-renewal. These uncertainties are reflected in a growing tendency to question the very use of the term. This commentary revisits the experimental origin of the concept of the population(s) referred to as mesenchymal-stem cells and the experimental framework required to assess their stemness and function.



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linked to formal taxonomic names. This review explores the use of other identifiers, such as specimen codes and GenBank accession numbers, to link otherwise disconnected facts in different databases. The structure of these links can also be exploited using the PageRank algorithm to rank the results of searches on biodiversity databases.

I. INTRODUCTION

Manuscript received October 9, 2001. (Write the date on which you submitted your paper for review.) This work was supported in part by the U.S. Department of Commerce under Grant BS123456 (sponsor and financial support acknowledgment goes here). Paper titles should be written in uppercase and lowercase letters, not all uppercase. Avoid writing long formulas with subscripts in the title; short formulas that identify the elements are fine (e.g., "Nd-Fe-B"). Do not write "(Invited)" in the title. Full names of authors are preferred in the author field, but are not required. Put a space between authors' initials.

F. A. Author is with the National Institute of Standards and Technology, Boulder, CO 80305 USA (corresponding author to provide phone: 303-555-5555; fax: 303-555-5555; e-mail: author@boulder.nist.gov).

S. B. Author, Jr. was with Rice University, Houston, TX 77005

linked to formal taxonomic names. This review explores the use of other identifiers, such as specimen codes and GenBank accession numbers, to link otherwise disconnected facts in different databases. The structure of these links can also be exploited using the PageRank algorithm to rank the results of searches on biodiversity databases.

Biodiversity informatics opportunities [3] Biological knowledge can be inferred from three major levels of information: molecules, organisms and ecologies. Bioinformatics is an established field that has made significant advances in the development of systems and techniques to organize contemporary molecular data; biodiversity informatics is an emerging discipline that strives to develop methods to organize knowledge at the organismal level extending back to the earliest dates of recorded natural history. Furthermore, while bioinformatics studies generally focus on detailed examinations of key 'model' organisms, biodiversity informatics aims to develop over-arching hypotheses that span the entire tree of life. Biodiversity informatics is presented here as a discipline that unifies biological information from a range of contemporary and historical sources across the spectrum of life using organisms as the linking thread. The present review primarily focuses on the use of organism names



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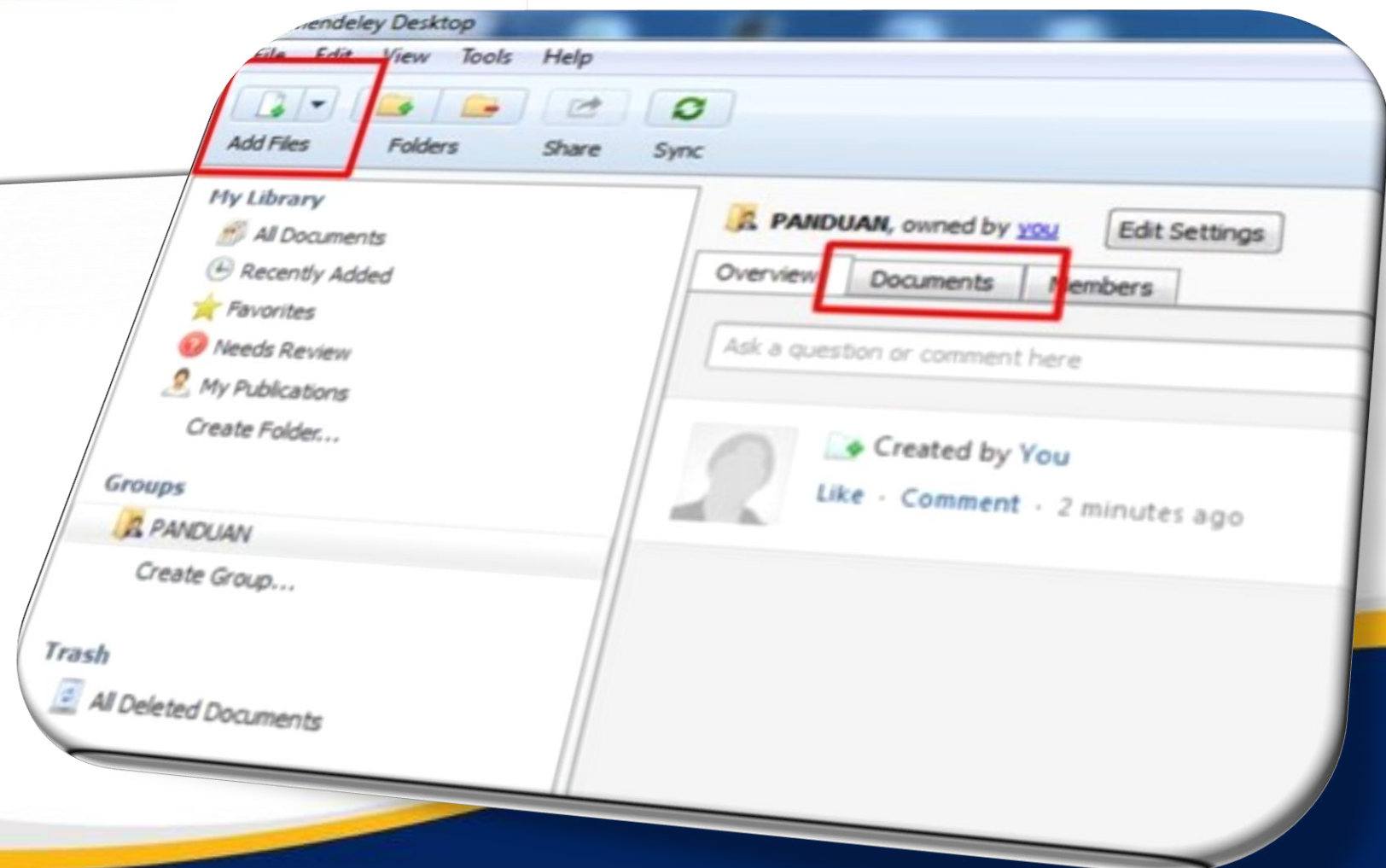
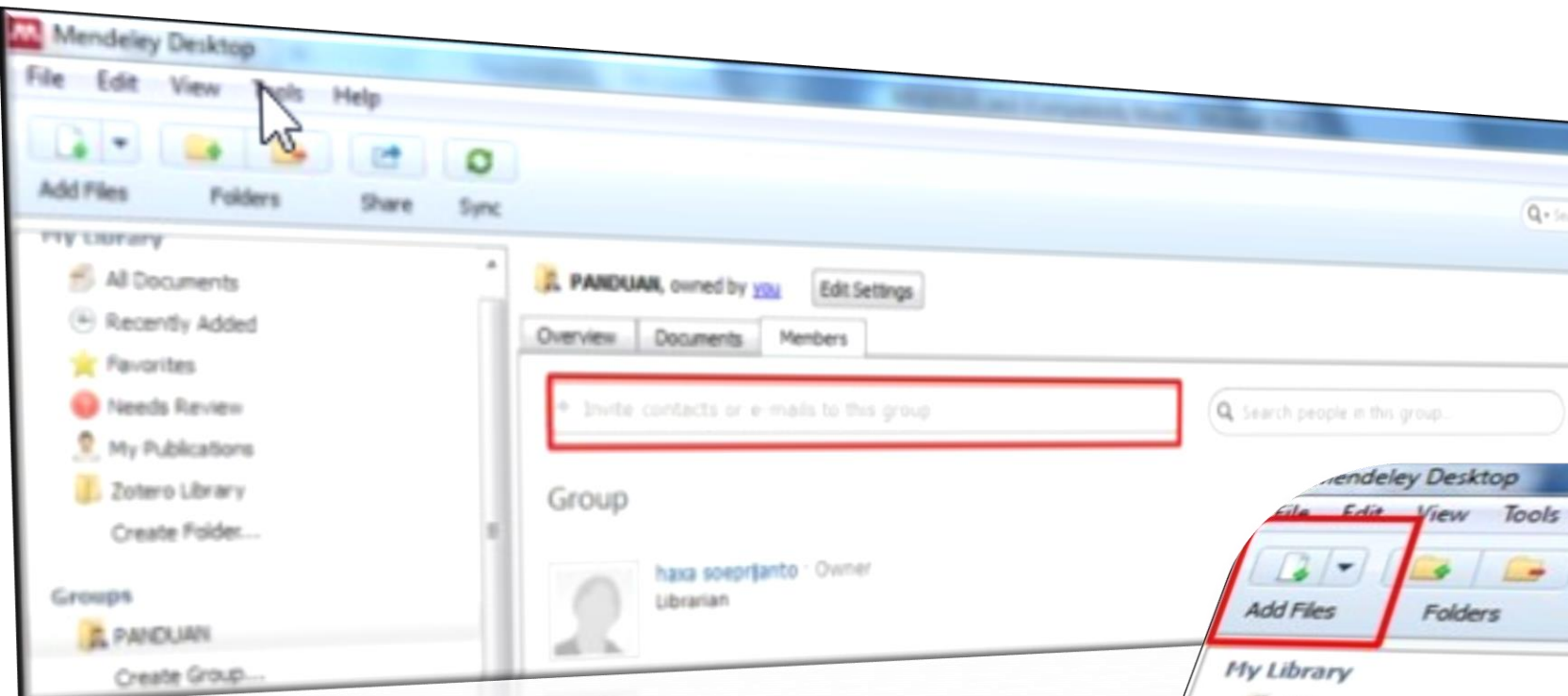
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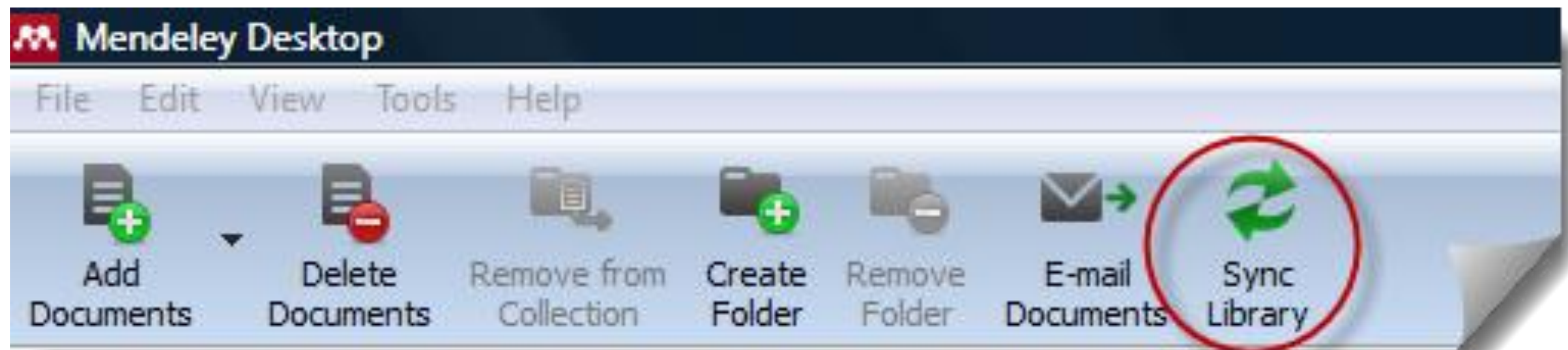
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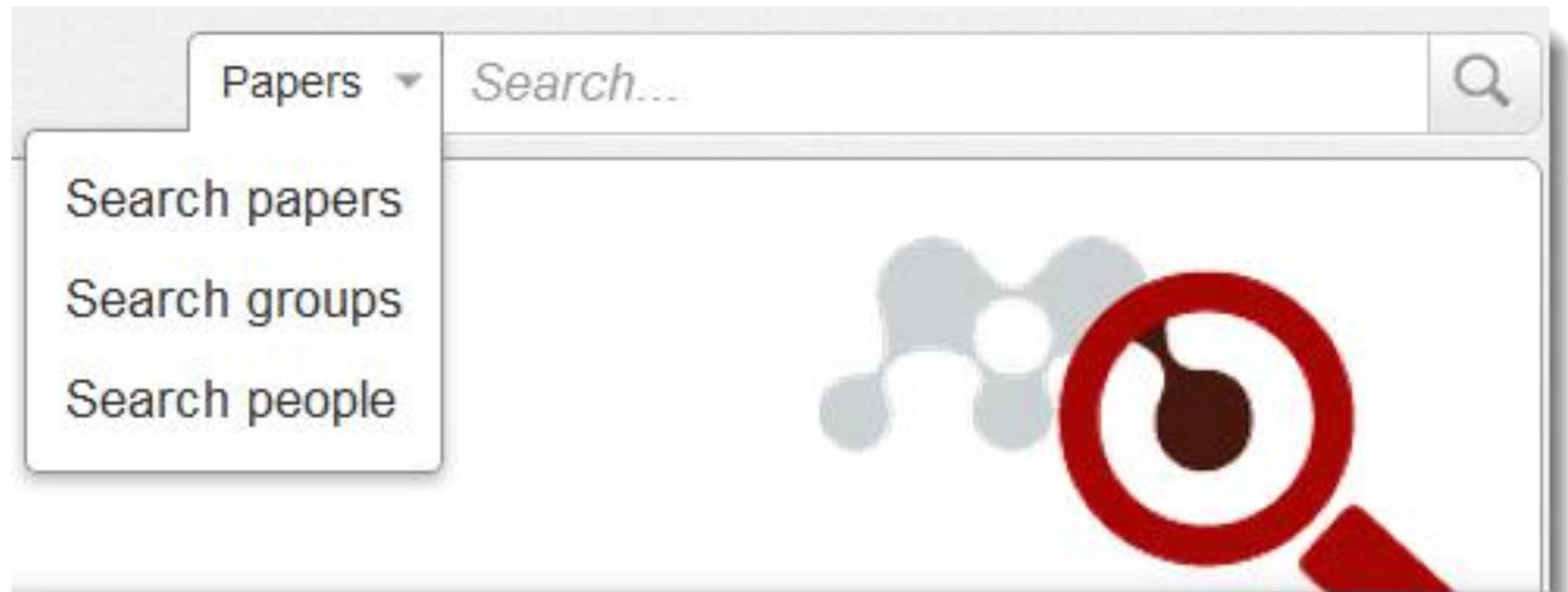
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