



EAHIL 2016



Biblioteca Virtual
del Sistema Sanitario Público de Andalucía

Knowledge, Research, Innovation ...



15th EAHIL 2016 Conference 6 - 11 June, Seville, Spain

Mendeley – using reference manager software to help organizing the institutional scientific research

Sílvia Costa Lopes | *Faculdade de Farmácia, Universidade de Lisboa, Lisboa, Portugal*

Objectives

- Know main functionalities of Mendeley and Zotero (advantages and disadvantages)
- Understand which is the better tool for the issue proposed (helping to manage institutional scientific research)
- Use Mendeley features
- Correct and complete each reference manually or automatically

Objectives

- Correct author's entries
- Manage folders and references
- Generate lists of bibliographic references in different citation styles
- Check and eliminate duplicate references

Contents

- Reference Managers: Mendeley vs Zotero
- Features
- Overview of Mendeley Desktop
- Add and edit documents / references
- Create and manage folders and Groups
- Citation styles

Contents

- Web plugin and MS Word plugin
- Other Tools:
 - Check for duplicate
 - File Organizer
 - Watched Folders
 - Citation tools in MS Word/Libre Office
- Overview of Mendeley Social Media

Mendeley vs Zotero

Compare Products	MENDELEY	zotero
Basic software package (includes all features listed below)	Free	Free
Free web storage space (online backup of your papers)	2GB	300MB
Reference/Document Management		
Organization of PDFs and other documents	✓	✓
Citation Plug-ins for Word	✓	✓
Citation Plug-ins for LibreOffice	✓	✓
Annotations/Highlighting in PDFs	✓	✗
Cross-platform synching across desktop, web and mobile devices	✓	✓
Knowledge Discovery		
Free and open database approaching 100 million documents	✓	✗
Personalized paper recommendations	✓	✗
Readership statistics & community tags	✓	✗
Open Web API	✓	✓
Full text search across all your papers	✓	✓
Search across external databases	Almost there!	✗

Mendeley vs Zotero

Compare Products	MENDELEY	zotero
Collaboration		
Private groups	✓	✓
Public groups	✓	✓
Social network	✓	✓
Collaboration newsfeed	✓	✓
General Technology		
Web app	✓	✓
Desktop app	✓	✓
Compatibility with all modern web browsers	✓	✗
Compatibility with Mac/Win/Linux	✓	✓
iOS	Free	✗
Android	Free	✗
Product feedback forum	✓	✓
Library systems integration/EZProxy Support	Almost there!	✓

Mendeley vs Zotero

Compare Products

MENDELEY zotero

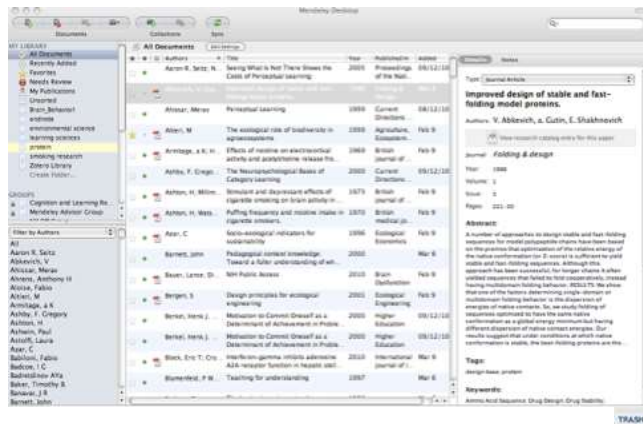
Metadata Extraction Technology

Extraction of DOIs (Digital Object Identifiers) from PDFs	✓	✓
Extraction of PubmedIDs and ArxivIDs from PDFs	✓	✓
Extraction of embedded metadata from PDFs	✓	✓
Extraction of citation details from PDFs without embedded metadata	✓	✓

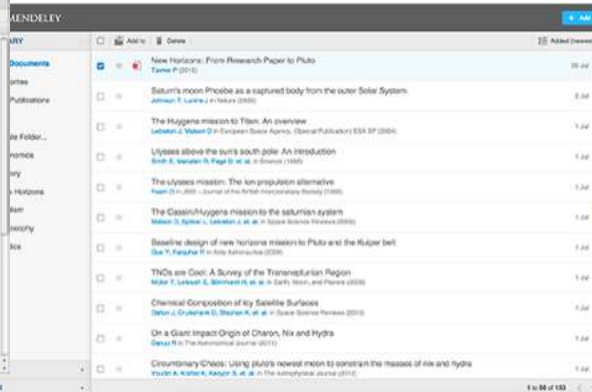
Introduction to Mendeley

What is Mendeley?

Free Academic Software
Cross-Platform (Win/Mac/Linux/Mobile)
All Major Browsers



Desktop

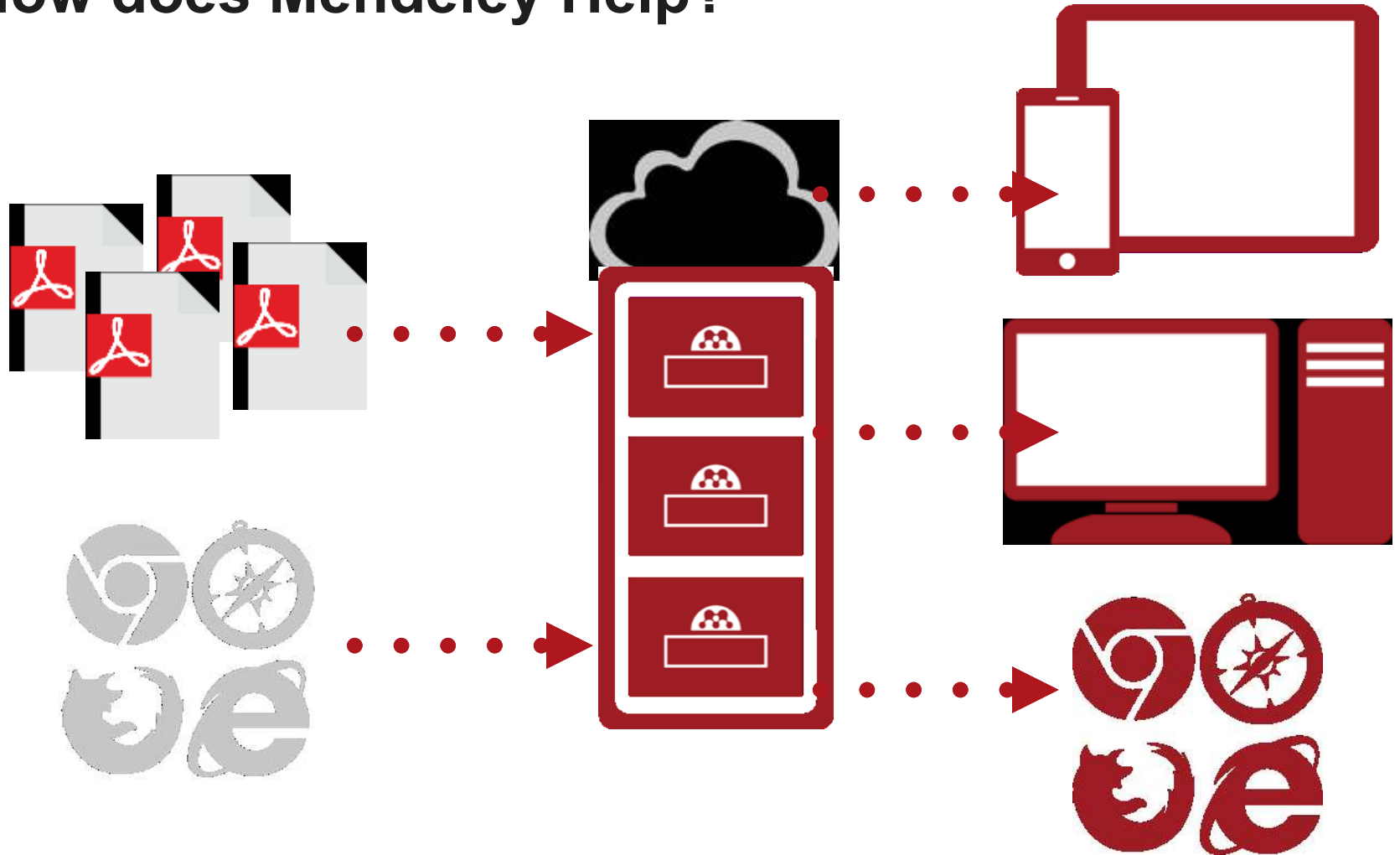


Web



Mobile

How does Mendeley Help?



Overview

Using Mendeley



Getting started

Create a free account

First Name

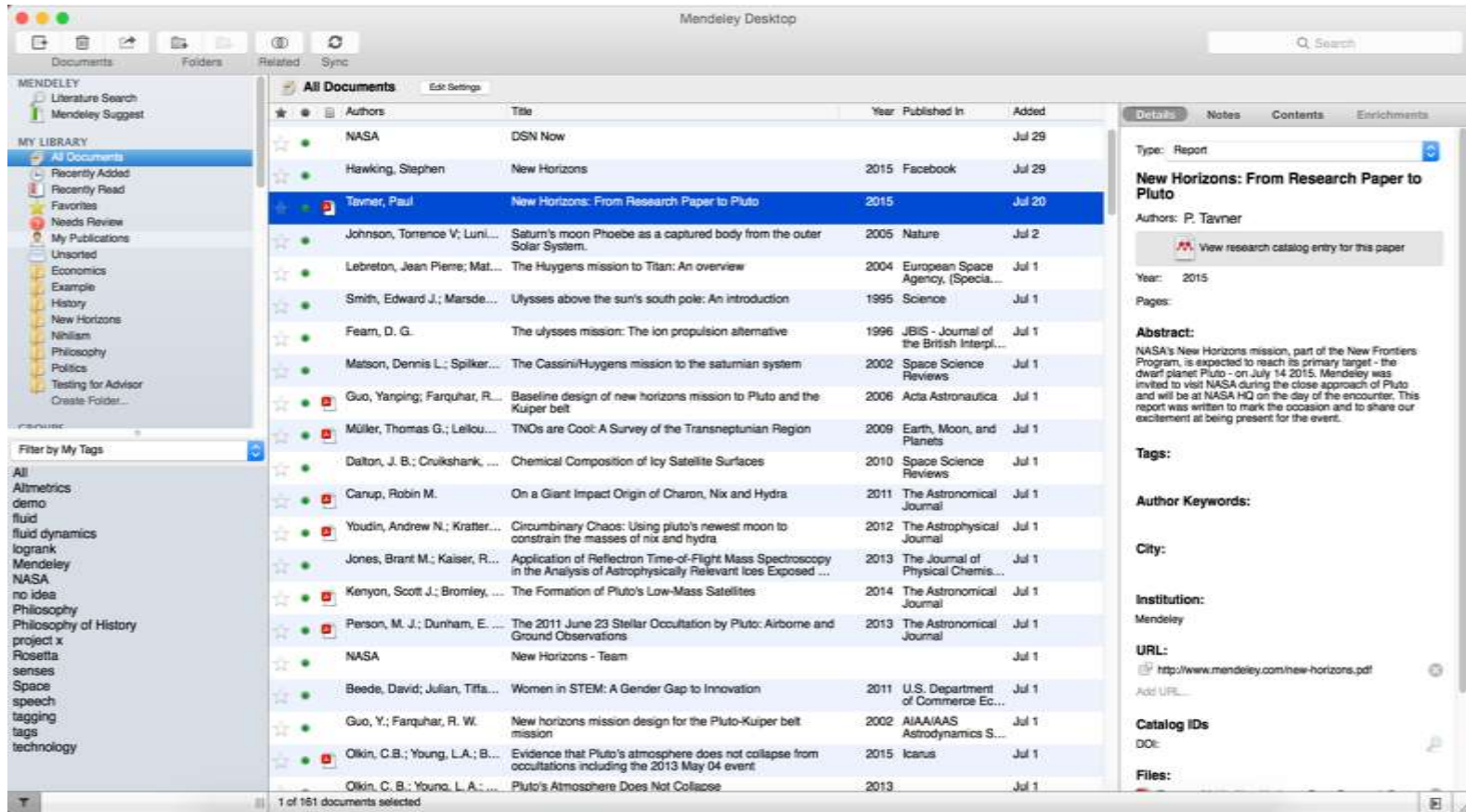
Last Name

Email

Password

[Get started](#)

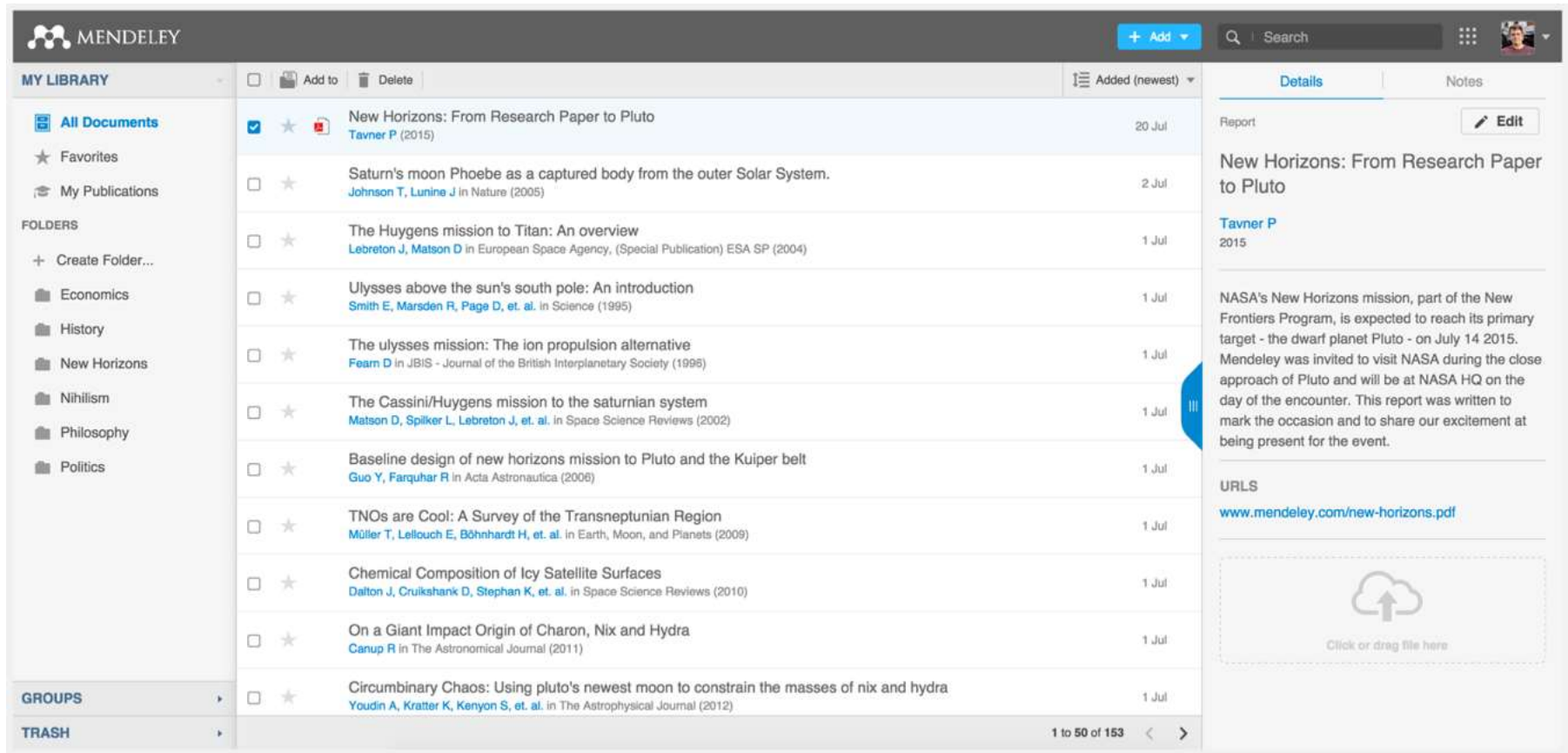
Mendeley Desktop



The screenshot displays the Mendeley Desktop application window. The main area shows a list of documents under the 'All Documents' tab. The selected document is 'New Horizons: From Research Paper to Pluto' by P. Tavner, published in 2015. The right-hand pane provides details for this document, including its type (Report), authors (P. Tavner), year (2015), and an abstract. The abstract text reads: 'NASA's New Horizons mission, part of the New Frontiers Program, is expected to reach its primary target - the dwarf planet Pluto - on July 14 2015. Mendeley was invited to visit NASA during the close approach of Pluto and will be at NASA HQ on the day of the encounter. This report was written to mark the occasion and to share our excitement at being present for the event.'

Authors	Title	Year	Published In	Added
NASA	DSN Now			Jul 29
Hawking, Stephen	New Horizons	2015	Facebook	Jul 29
Tavner, Paul	New Horizons: From Research Paper to Pluto	2015		Jul 20
Johnson, Torrence V; Luni...	Saturn's moon Phoebe as a captured body from the outer Solar System.	2005	Nature	Jul 2
Lebreton, Jean Pierre; Mat...	The Huygens mission to Titan: An overview	2004	European Space Agency, (Specia...	Jul 1
Smith, Edward J.; Marsde...	Ulysses above the sun's south pole: An introduction	1995	Science	Jul 1
Fearn, D. G.	The ulysses mission: The ion propulsion alternative	1996	JBIS - Journal of the British Interpl...	Jul 1
Matson, Dennis L.; Spilker...	The Cassini-Huygens mission to the saturnian system	2002	Space Science Reviews	Jul 1
Guo, Yanping; Farquhar, R...	Baseline design of new horizons mission to Pluto and the Kuiper belt	2006	Acta Astronautica	Jul 1
Müller, Thomas G.; Leilou...	TNOs are Cool: A Survey of the Transneptunian Region	2009	Earth, Moon, and Planets	Jul 1
Dalton, J. B.; Cruikshank, ...	Chemical Composition of Icy Satellite Surfaces	2010	Space Science Reviews	Jul 1
Canup, Robin M.	On a Giant Impact Origin of Charon, Nix and Hydra	2011	The Astronomical Journal	Jul 1
Youdin, Andrew N.; Krater...	Circumbinary Chaos: Using pluto's newest moon to constrain the masses of nix and hydra	2012	The Astrophysical Journal	Jul 1
Jones, Brant M.; Kaiser, R...	Application of Reflectron Time-of-Flight Mass Spectroscopy in the Analysis of Astrophysically Relevant Ices Exposed ...	2013	The Journal of Physical Chemis...	Jul 1
Kenyon, Scott J.; Bromley, ...	The Formation of Pluto's Low-Mass Satellites	2014	The Astronomical Journal	Jul 1
Person, M. J.; Dunham, E. ...	The 2011 June 23 Stellar Occultation by Pluto: Airborne and Ground Observations	2013	The Astronomical Journal	Jul 1
NASA	New Horizons - Team			Jul 1
Beede, David; Julian, Tifta...	Women in STEM: A Gender Gap to Innovation	2011	U.S. Department of Commerce Ec...	Jul 1
Guo, Y.; Farquhar, R. W.	New horizons mission design for the Pluto-Kuiper belt mission	2002	AIAA/AAS Astrodynamics S...	Jul 1
Olkin, C.B.; Young, L.A.; B...	Evidence that Pluto's atmosphere does not collapse from occultations including the 2013 May 04 event	2015	Icarus	Jul 1
Olkin, C. B.; Young, L. A.; ...	Pluto's Atmosphere Does Not Collapse	2013		Jul 1

Mendeley Web



The screenshot displays the Mendeley Web interface. On the left is a sidebar with navigation options: 'MY LIBRARY' (containing 'All Documents', 'Favorites', and 'My Publications'), 'FOLDERS' (listing various subjects like Economics, History, and New Horizons), 'GROUPS', and 'TRASH'. The main area shows a list of documents with columns for checkboxes, stars, document titles, authors, and dates. The top document is 'New Horizons: From Research Paper to Pluto' by Tavner P. (2015), dated 20 Jul. The right sidebar shows the 'Details' view for this document, including a 'Report' section with an 'Edit' button, the document title, author 'Tavner P 2015', a paragraph of text about the New Horizons mission, and a 'URLS' section with the link 'www.mendeley.com/new-horizons.pdf'. At the bottom right, there is a dashed box with a cloud icon and the text 'Click or drag file here'. The bottom status bar indicates '1 to 50 of 153' items.

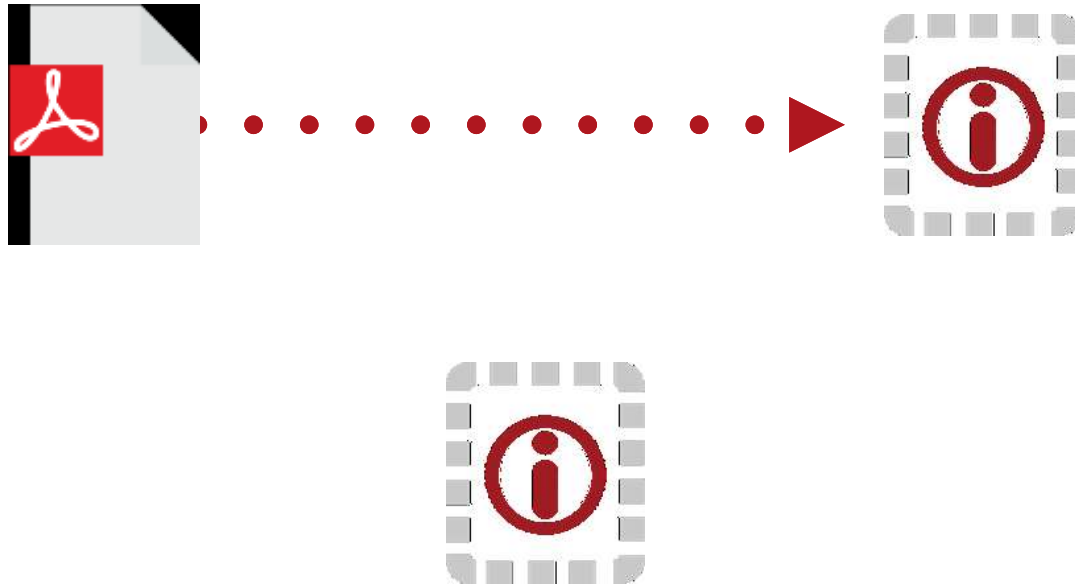
Document Title	Author	Date
New Horizons: From Research Paper to Pluto	Tavner P. (2015)	20 Jul
Saturn's moon Phoebe as a captured body from the outer Solar System.	Johnson T, Lunine J in Nature (2005)	2 Jul
The Huygens mission to Titan: An overview	Lebreton J, Matson D in European Space Agency, (Special Publication) ESA SP (2004)	1 Jul
Ulysses above the sun's south pole: An introduction	Smith E, Marsden R, Page D, et. al. in Science (1995)	1 Jul
The ulysses mission: The ion propulsion alternative	Fearn D in JBIS - Journal of the British Interplanetary Society (1996)	1 Jul
The Cassini/Huygens mission to the saturnian system	Matson D, Spilker L, Lebreton J, et. al. in Space Science Reviews (2002)	1 Jul
Baseline design of new horizons mission to Pluto and the Kuiper belt	Guo Y, Farquhar R in Acta Astronautica (2006)	1 Jul
TNOs are Cool: A Survey of the Transneptunian Region	Müller T, Lellouch E, Bönhardt H, et. al. in Earth, Moon, and Planets (2009)	1 Jul
Chemical Composition of Icy Satellite Surfaces	Dalton J, Cruikshank D, Stephan K, et. al. in Space Science Reviews (2010)	1 Jul
On a Giant Impact Origin of Charon, Nix and Hydra	Canup R in The Astronomical Journal (2011)	1 Jul
Circumbinary Chaos: Using pluto's newest moon to constrain the masses of nix and hydra	Youdin A, Kratter K, Kenyon S, et. al. in The Astrophysical Journal (2012)	1 Jul

Organize

Setting Up A Library



References and Documents



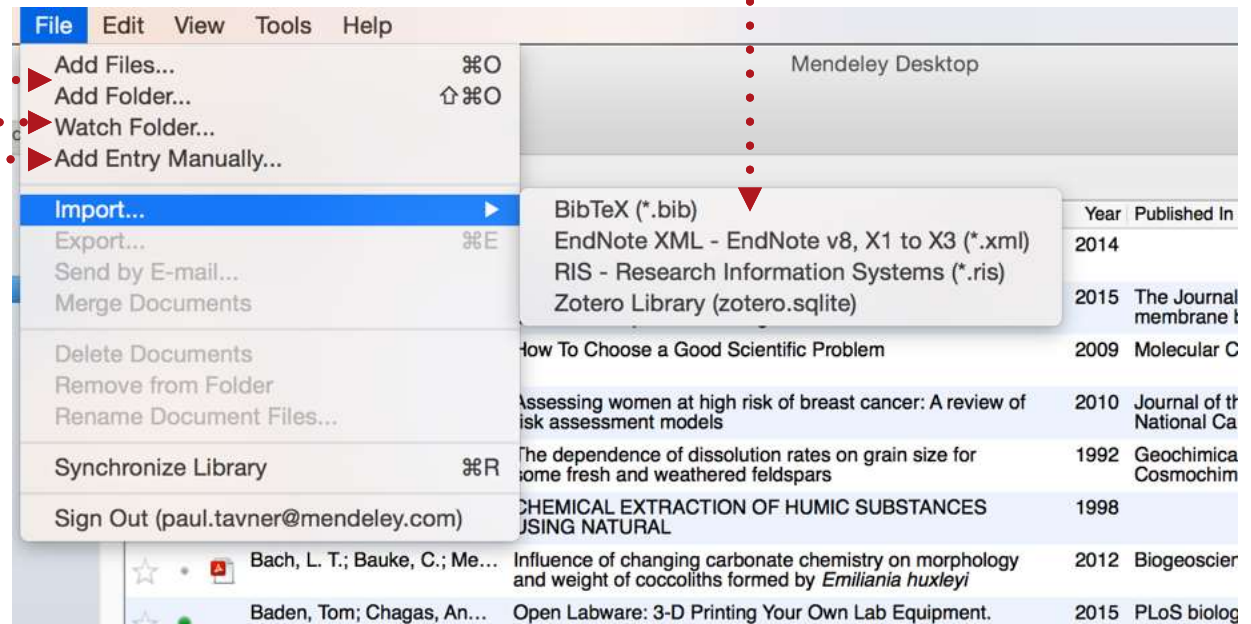
Adding Documents

Select a file or folder to add from your computer

Watch a folder

Add reference by manually entering details

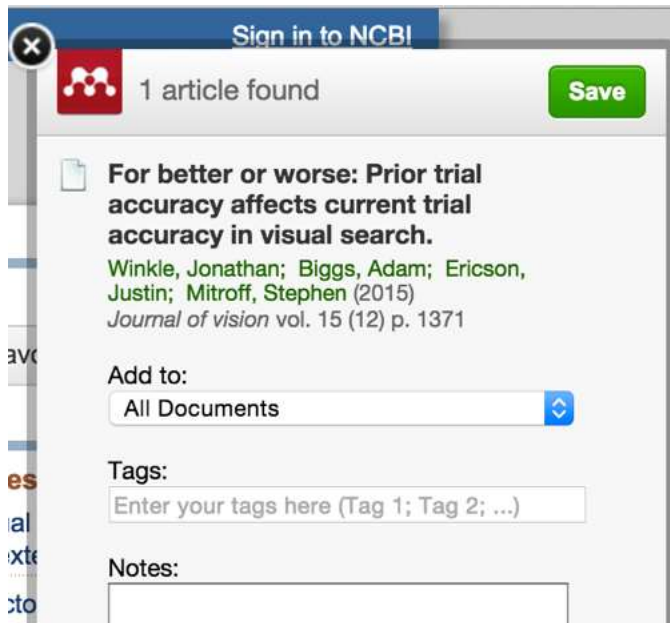
Import from another reference manager, or BibTeX



The screenshot shows the Mendeley Desktop application window. The 'File' menu is open, displaying options such as 'Add Files...', 'Add Folder...', 'Watch Folder...', 'Add Entry Manually...', 'Import...', 'Export...', 'Send by E-mail...', 'Merge Documents', 'Delete Documents', 'Remove from Folder', 'Rename Document Files...', 'Synchronize Library', and 'Sign Out'. The 'Import...' option is highlighted, and its submenu is visible, showing options for 'BibTeX (*.bib)', 'EndNote XML - EndNote v8, X1 to X3 (*.xml)', 'RIS - Research Information Systems (*.ris)', and 'Zotero Library (zotero.sqlite)'. A red dotted line points from the text 'Import from another reference manager, or BibTeX' to the 'Import...' menu item. Another red dotted line points from the text 'Watch a folder' to the 'Watch Folder...' menu item. A third red dotted line points from the text 'Select a file or folder to add from your computer' to the 'Add Files...' menu item. The main window displays a list of documents with columns for 'Year' and 'Published In'. The list includes entries such as 'How To Choose a Good Scientific Problem' (2009), 'Assessing women at high risk of breast cancer: A review of risk assessment models' (2010), 'The dependence of dissolution rates on grain size for some fresh and weathered feldspars' (1992), 'CHEMICAL EXTRACTION OF HUMIC SUBSTANCES USING NATURAL' (1998), 'Influence of changing carbonate chemistry on morphology and weight of coccoliths formed by *Emiliana huxleyi*' (2012), and 'Open Labware: 3-D Printing Your Own Lab Equipment.' (2015).

Finding New Research

Mendeley Web Importer



Sign in to NCBI

1 article found [Save](#)

For better or worse: Prior trial accuracy affects current trial accuracy in visual search.
Winkle, Jonathan; Biggs, Adam; Ericson, Justin; Mitroff, Stephen (2015)
Journal of vision vol. 15 (12) p. 1371

Add to:
All Documents

Tags:
Enter your tags here (Tag 1; Tag 2; ...)

Notes:

Mendeley Research Catalog



 MENDELEY

Dashboard My Library Papers Groups People

Papers

Search papers... [Advanced search](#)
eg: scientific impact measures

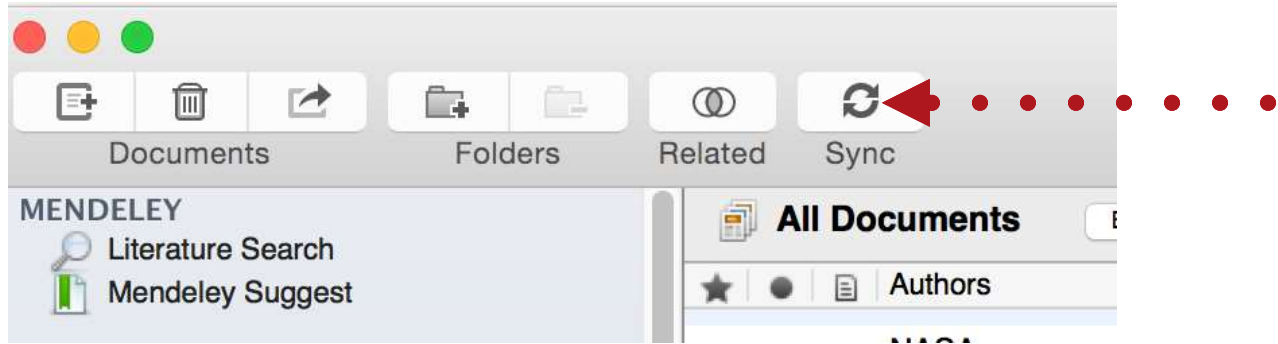
Papers [Popular](#) [Latest](#)

How To Choose a Good Scientific Problem
Uri Alon in *Molecular Cell* (2009)

Choosing good problems is essential for being a good scientist. But what is a good problem, and how do you choose one? The subject is not usually discussed explicitly within our profession. Scientists are expected to be smart enough to figure it out...

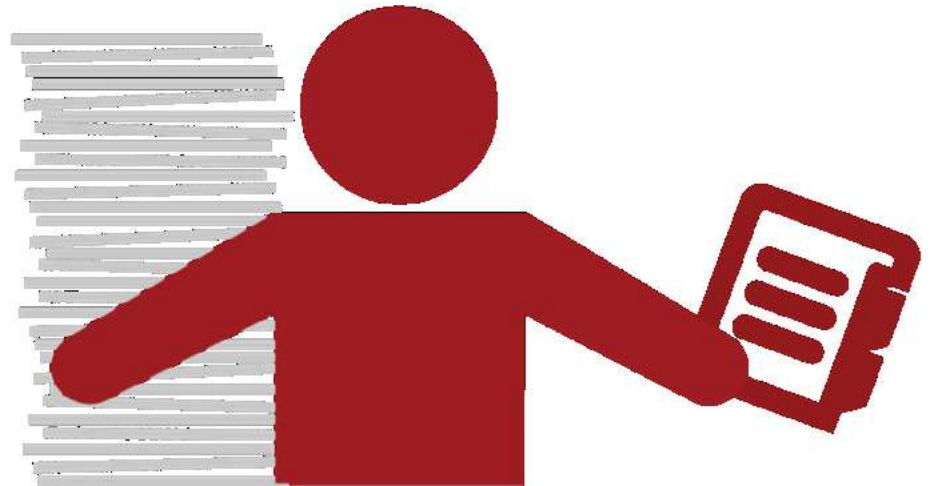
[Save reference to library](#) · [Related research](#) 58,274 readers

Sync



Organize

Managing Your Library



Manage Your Library



All items in your personal library



Items added in the last two weeks



Access your recently read items



All items you've starred in your library



Items in need of review

The screenshot shows the Mendeley Desktop application window. The left sidebar contains a 'MY LIBRARY' section with several categories: 'All Documents' (highlighted with a red box), 'Recently Added', 'Recently Read', 'Favorites', 'Needs Review', 'My Publications', 'Unsorted', 'Economics', 'Example', 'History', 'New Horizons', 'Nihilism', 'Philosophy', 'Politics', and 'Testing for Advisor'. The main pane displays a list of documents under the heading 'All Documents'. The list has columns for 'Authors', 'Title', and 'File'. Annotations include: a red box around the 'Authors' column header; a red circle around a green dot in the first row; a red circle around a red PDF icon in the third row; a red circle around a yellow star icon in the sixth row; and a red box around the 'File' column header.

Use column headings to order your references

Mark entries read or unread

Entries with attached PDFs can be opened with the PDF Reader

Star items to mark them as favorites

Create and Use Folders

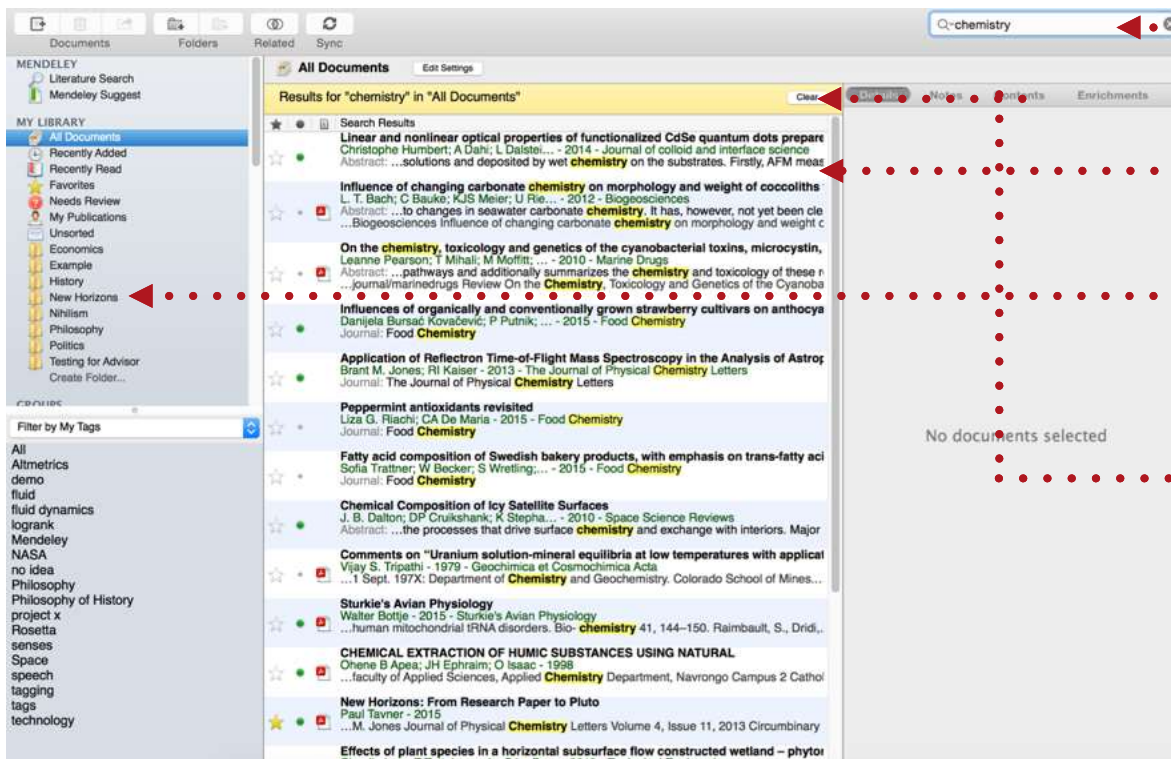


References not added to a folder will appear in 'unsorted'

Your folders will be listed below. Drag and drop to re-order them.

Use 'Create Folder' to enter a new folder name.

Search Your Documents



The screenshot shows the Mendeley Desktop interface. On the left is a sidebar with a folder tree under 'MY LIBRARY' and a 'Filter by My Tags' section. The main window displays search results for 'chemistry' in 'All Documents'. The search bar at the top right contains the text 'chemistry'. A 'Clear' button is visible next to the search bar. The results list includes several entries with titles, authors, and abstracts, such as 'Linear and nonlinear optical properties of functionalized CdSe quantum dots' and 'Influence of changing carbonate chemistry on morphology and weight of coccoliths'. A 'No documents selected' message is visible in the bottom right of the results area.

Enter your search term in the search field

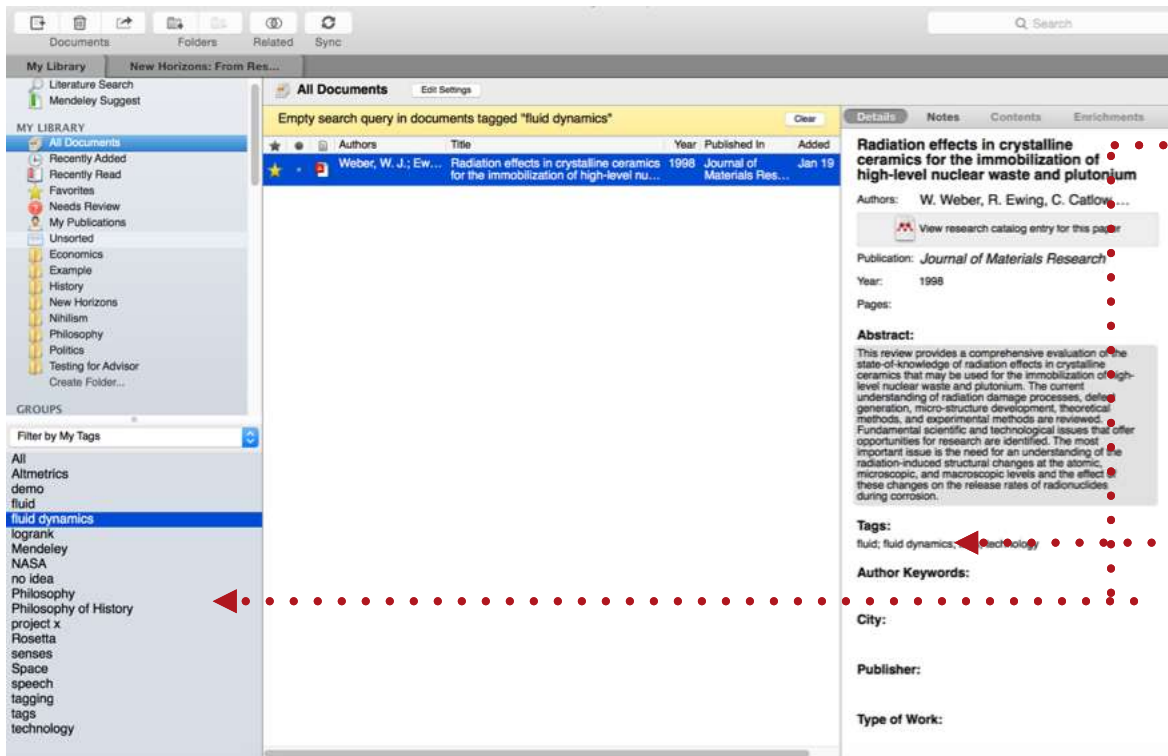
The main view will be filtered accordingly

Click on a specific folder to search within it

Use the clear button to remove the search filter

Mendeley's search tool will look at reference metadata, but will also search within the full text of PDF papers.

Search Your Documents



The screenshot shows the Mendeley Desktop application interface. On the left, there is a sidebar with a 'Filter by My Tags' section. The 'fluid dynamics' tag is selected and highlighted in blue. The main window displays a search result for 'fluid dynamics' with a table of documents. The first document is 'Radiation effects in crystalline ceramics for the immobilization of high-level nuclear waste and plutonium' by Weber, W. J.; Ewing, R. E.; and Catlow, C. R. A. The details pane on the right shows the document's metadata, including the title, authors, publication information, and an abstract. A red dotted line with arrows points from the 'fluid dynamics' tag in the sidebar to the 'fluid; fluid dynamics;' tag in the document's 'Tags' field.

Add tags to papers in your library which share a common theme

Use the Filter Menu to filter your library view to only include tagged items

You can also filter by Author, Author Keywords and Publication

Checking for duplicates

Invite Colleagues...

Install Web Importer

Uninstall MS Word Plugin

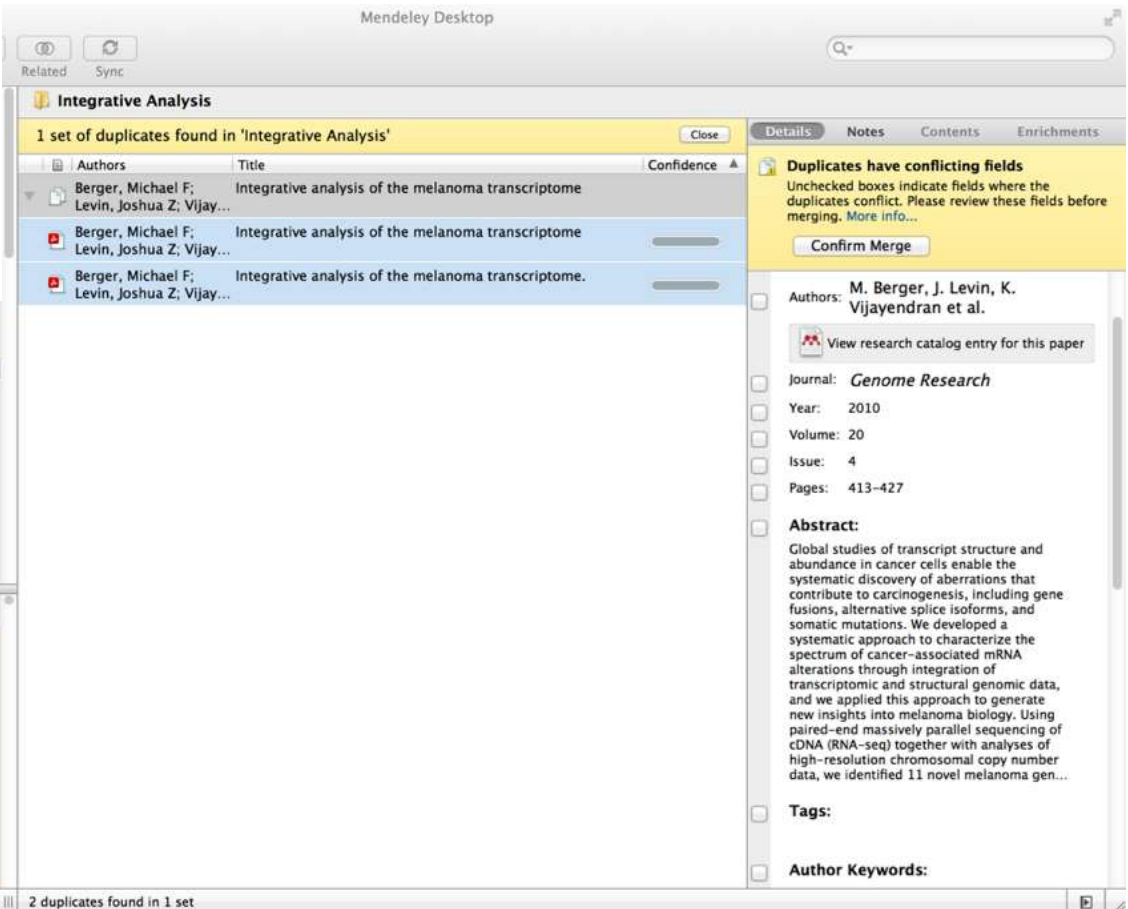
Check for Duplicates



Unsorted
 Bioinformatics
 Big Data
 Integrative Analysis
 Next-Gen Sequencing
 R/Bioconductor
 Cancer
 Chemoresistance
 Ovarian Cancer
 CNGE
 Evidence Based Diagnostics
 BRCA
 Decision Analysis
 Knowledge to Action
 Meningeal KCN, BRCA1/2, EGFR

Filter by Authors

- All
- Aburatani, Hiroyuki
- Adiconis, Xian
- Agrawal, S
- Ahmed, Saira
- Akiyama, Tetsu
- Al-Bakheet, Al-Bandary
- Al-Qahtani, Ahmed
- Alizadeh, a a
- Almeida, Jonas S
- Altshuler, David
- Alvarez, Carlos E
- Amon, Lynn M



Mendeley Desktop

Related Sync

Integrative Analysis

1 set of duplicates found in 'Integrative Analysis' Close

Authors	Title	Confidence
Berger, Michael F; Levin, Joshua Z; Vijay...	Integrative analysis of the melanoma transcriptome	
Berger, Michael F; Levin, Joshua Z; Vijay...	Integrative analysis of the melanoma transcriptome	
Berger, Michael F; Levin, Joshua Z; Vijay...	Integrative analysis of the melanoma transcriptome.	

Duplicates have conflicting fields
 Unchecked boxes indicate fields where the duplicates conflict. Please review these fields before merging. [More info...](#)
Confirm Merge

Authors: M. Berger, J. Levin, K. Vijayendran et al.
View research catalog entry for this paper

Journal: *Genome Research*
 Year: 2010
 Volume: 20
 Issue: 4
 Pages: 413-427

Abstract:
 Global studies of transcript structure and abundance in cancer cells enable the systematic discovery of aberrations that contribute to carcinogenesis, including gene fusions, alternative splice isoforms, and somatic mutations. We developed a systematic approach to characterize the spectrum of cancer-associated mRNA alterations through integration of transcriptomic and structural genomic data, and we applied this approach to generate new insights into melanoma biology. Using paired-end massively parallel sequencing of cDNA (RNA-seq) together with analyses of high-resolution chromosomal copy number data, we identified 11 novel melanoma gen...

Tags:
 Author Keywords:

2 duplicates found in 1 set

PDF Viewer

Highlight and Annotate Documents



The PDF Viewer

Pan Highlight Note Select Copy Paste Rotate Zoom Fullscreen Sync


My Library
New Horizons: From Res...
Search

New Horizons

The New Horizons mission received approval in November 2001¹. Its objective was to send a spacecraft to Pluto - the only unexplored planet (still recognized as a planet at that time) in the solar system. Previous missions intended to reach Pluto - including *Pluto Fast Flyby* and *Pluto Kuiper Express* - had been cancelled, but after a thorough new profile selection process, NASA committed to launching *New Horizons* as part of its New Frontiers program.

Due to the distances involved - New Horizons would have to cover nearly three billion miles to reach its objective - the craft was designed to have as little mass as possible, but would be launched using the huge Atlas V expendable launch system. This guaranteed the greatest possible velocity for the craft.

When the mission launched on 19 January 2006, the probe left Earth on a solar system escape trajectory travelling at nearly 37,000 mph. It crossed the Moon's orbit just eight hours and thirty-five minutes after lift-off, and reached that of Mars only 78 days later. The probe gained a gravity boost from the gas giant Jupiter to accelerate past 51,000 mph, but would still have over eight years to travel to its objective. New Horizons is expected to make its closest approach of Pluto and its moons on July 14, 2015²



- 1. Radioisotope Thermoelectric Generator (RTG)**
Provides electrical power produced using the decay of plutonium-238 fuel.
- 2. Alice**
A sensitive ultraviolet imaging spectrometer used to study atmospheric composition and structure.
- 3. Ralph**
Imaging apparatus used to photograph and map surface details during the encounter.
- 4. Venetia Burney Student Dust Counter (SDC)**
Designed by students at the University of Colorado at Boulder. Measures concentration of dust particles.
- 5. Long Range Reconnaissance Imager (LORRI)**
Camera and telescope apparatus used to take photos of target at longer ranges.
- 6. Solar Wind Around Pluto (SWAP)**
Instrument used to measure solar wind activity in the vicinity of Pluto. Also measures atmospheric escape.
- 7. Pluto Energetic Particle Spectrometer Science Investigation (PEPSSI)**
Directional energetic particle spectrometer. Used to study energetic particles in Pluto's atmosphere.
- 8. Radio Science Experiment (REX)**
Performs radio science experiments on Pluto's

Phoning Home

Communicating with a probe three billion miles from Earth poses a number of challenges for the New Horizons team. Luckily, they can rely on NASA's Deep Space Network

Details Notes Contents Enrichments

New Horizons: From Research Paper to Pluto

Authors: P. Tavner

[View research catalog entry for this paper](#)

Year: 2015

Pages:

Abstract:

NASA's New Horizons mission, part of the New Frontiers Program, is expected to reach its primary target - the dwarf planet Pluto - on July 14 2015. Mendeley was invited to visit NASA during the close approach of Pluto and will be at NASA HQ on the day of the encounter. This report was written to mark the occasion and to share our excitement at being present for the event.

Tags:

Author Keywords:

City:

Institution:
Mendeley

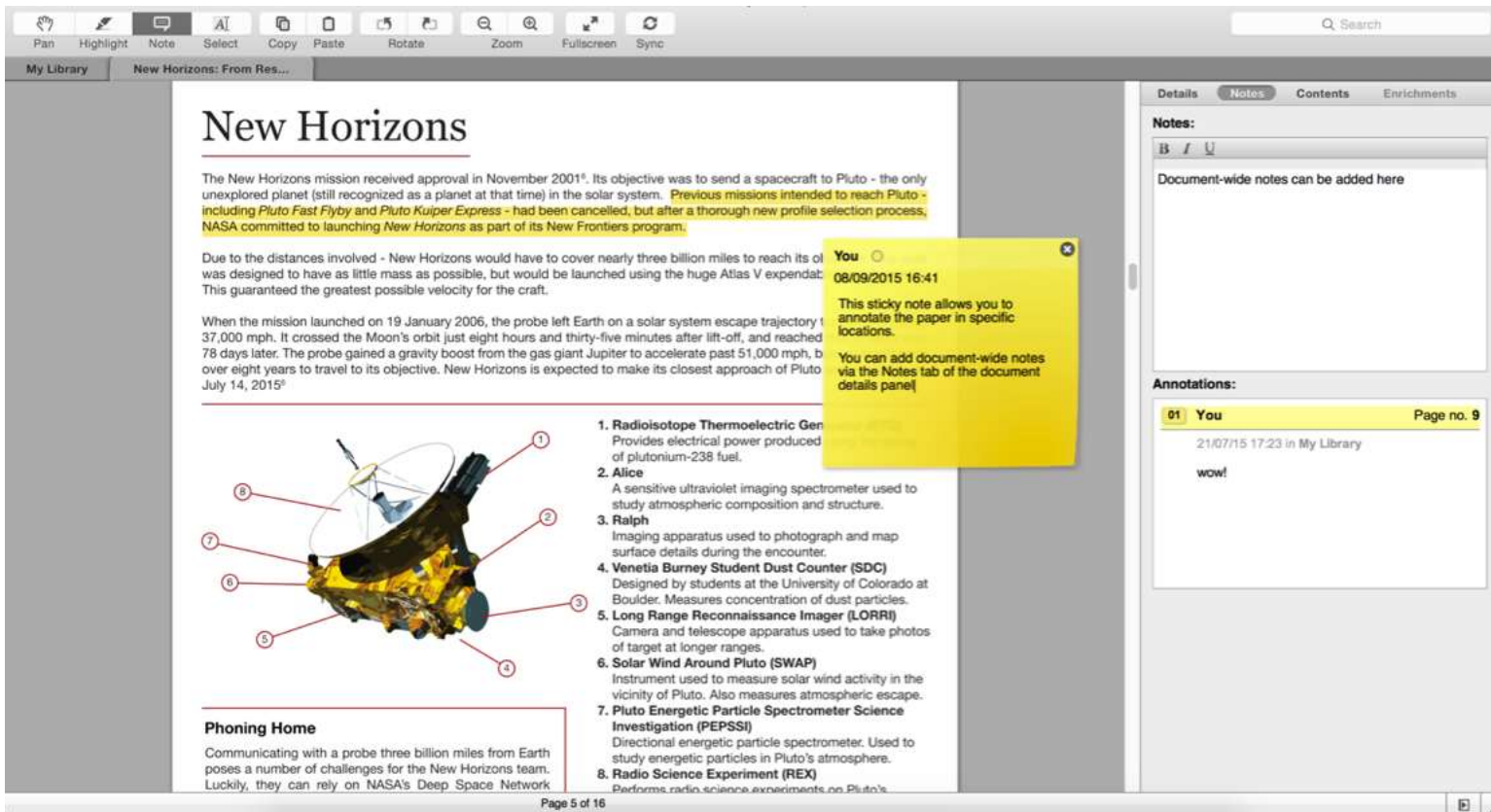
URL:
<http://www.mendeley.com/new-horizons.pdf>

Catalog IDs
DOI:

Files:
Tavner - 2015 - New Horizons From Research Pap...

Page 5 of 16

Highlighting and Annotating



The screenshot displays a Mendeley document viewer interface. The document title is "New Horizons: From Res...". The main content area shows the title "New Horizons" and introductory text about the mission's approval in 2001 and its objective to reach Pluto. A yellow sticky note is placed over the text, containing the text: "This sticky note allows you to annotate the paper in specific locations. You can add document-wide notes via the Notes tab of the document details panel!".

Below the text is a diagram of the New Horizons spacecraft with numbered callouts (1-8) pointing to various instruments. To the right of the diagram is a list of these instruments:

- 1. Radioisotope Thermoelectric Generator (RTG)**
Provides electrical power produced of plutonium-238 fuel.
- 2. Alice**
A sensitive ultraviolet imaging spectrometer used to study atmospheric composition and structure.
- 3. Ralph**
Imaging apparatus used to photograph and map surface details during the encounter.
- 4. Venetia Burney Student Dust Counter (SDC)**
Designed by students at the University of Colorado at Boulder. Measures concentration of dust particles.
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- 6. Solar Wind Around Pluto (SWAP)**
Instrument used to measure solar wind activity in the vicinity of Pluto. Also measures atmospheric escape.
- 7. Pluto Energetic Particle Spectrometer Science Investigation (PEPSSI)**
Directional energetic particle spectrometer. Used to study energetic particles in Pluto's atmosphere.
- 8. Radio Science Experiment (REX)**
Performs radio science experiments on Pluto's

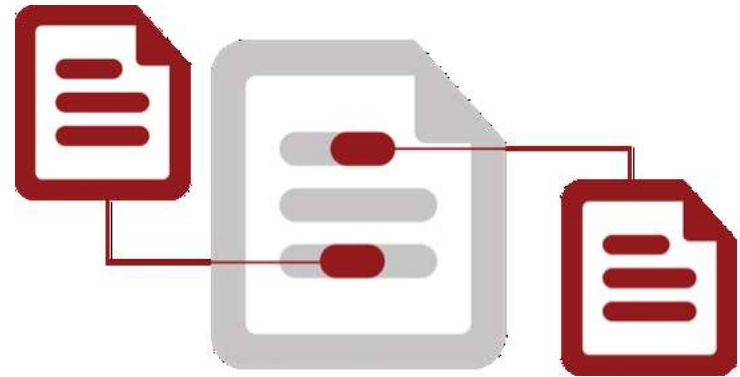
Below the diagram is a section titled "Phoning Home" with text: "Communicating with a probe three billion miles from Earth poses a number of challenges for the New Horizons team. Luckily, they can rely on NASA's Deep Space Network."

The right sidebar shows the "Notes" tab, which contains a text area for document-wide notes and an "Annotations" section. The "Annotations" section shows a single annotation by "You" on "Page no. 9" dated "21/07/15 17:23 in My Library" with the text "wow!".

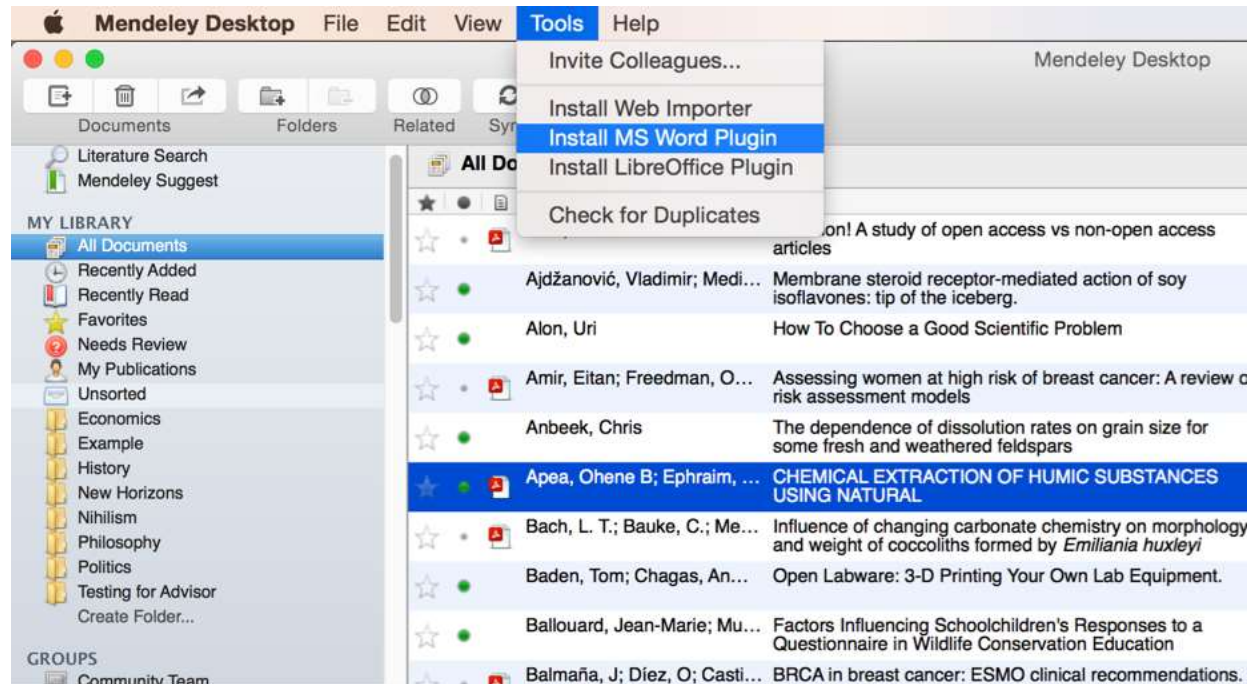
The bottom of the window shows "Page 5 of 16".

Cite

Using the Mendeley Citation Plug-In

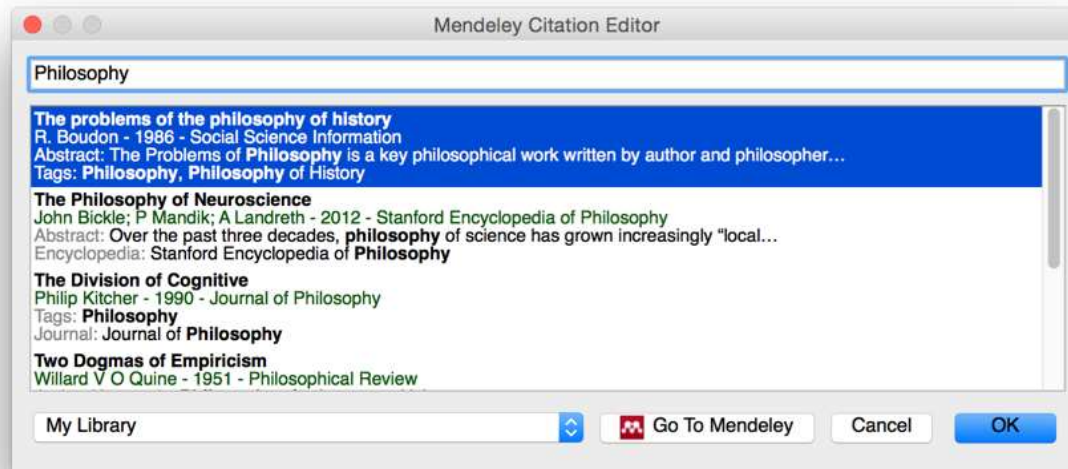
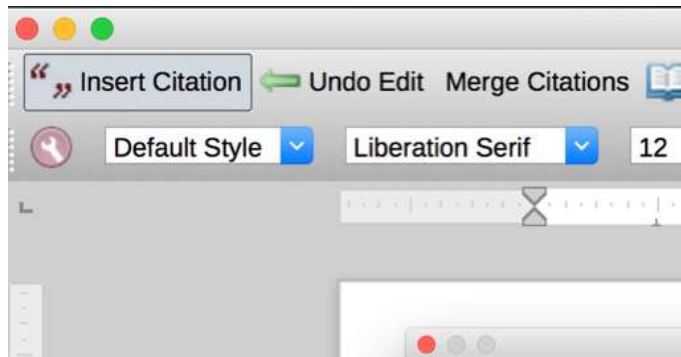


Install the Citation Plug-in



LibreOffice
The Document Foundation

Generate In-Text Citations in Word



Lorem ipsum dolor sit amet[1]

Merging Citations


Lorem ipsum dolor sit amet (Boudon 1986) (Ingold 1940)

“ ” Insert Citation  Undo Edit Merge Citations  Insert Bibliography  Refresh

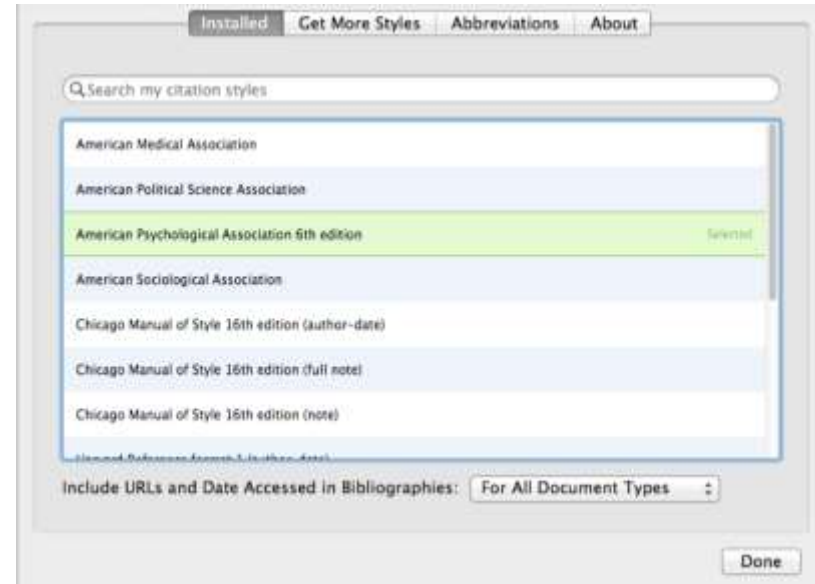
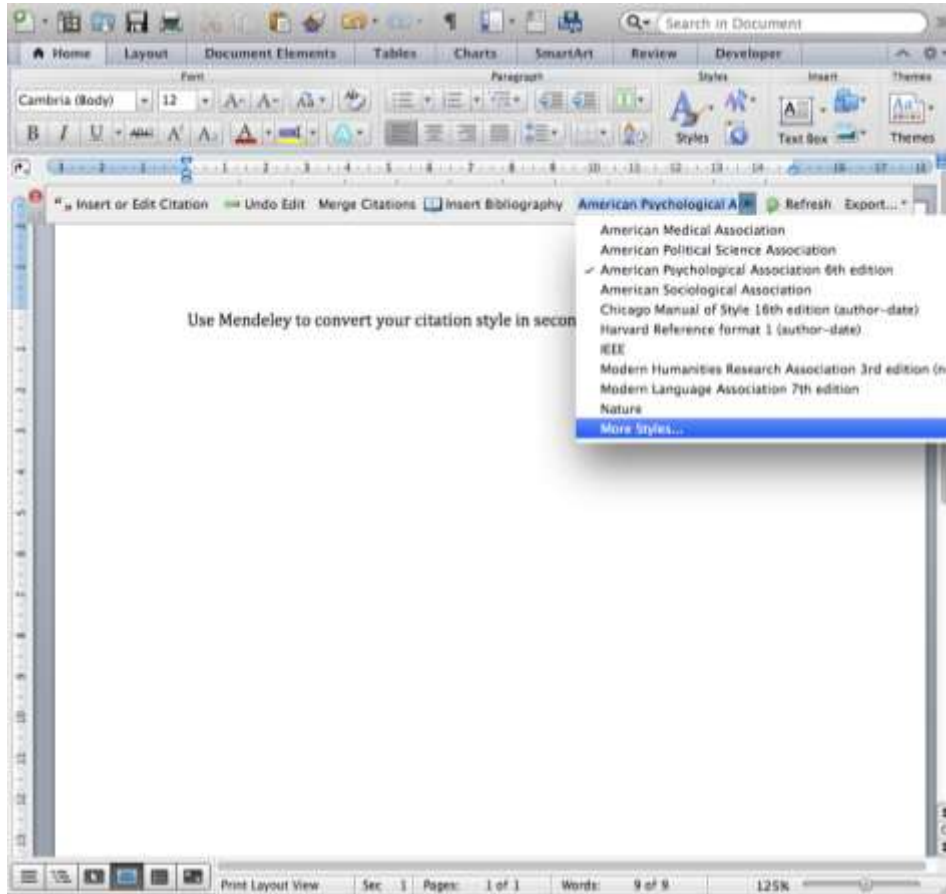

Lorem ipsum dolor sit amet (Boudon 1986; Ingold 1940)

Inserting Your Bibliography



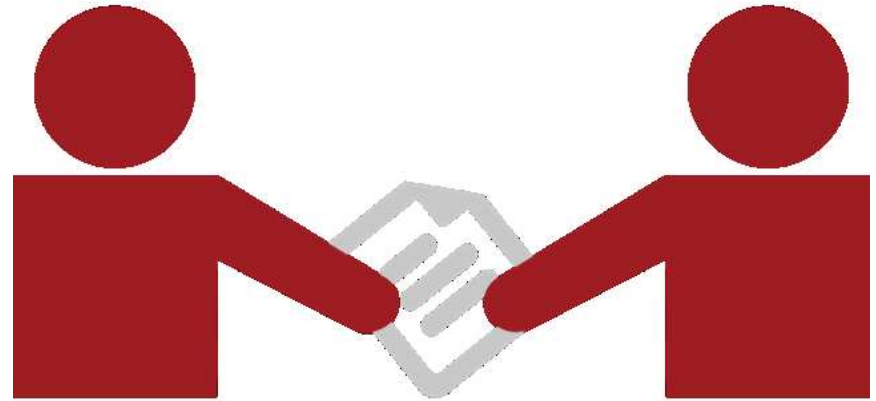
- 
- Bach, L. T. et al. 2012. "Influence of Changing Carbonate Chemistry on Morphology and Weight of Coccoliths Formed by *Emiliana Huxleyi*." *Biogeosciences* 9(8): 3449–63.
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Finding a Citation Style



Collaborate

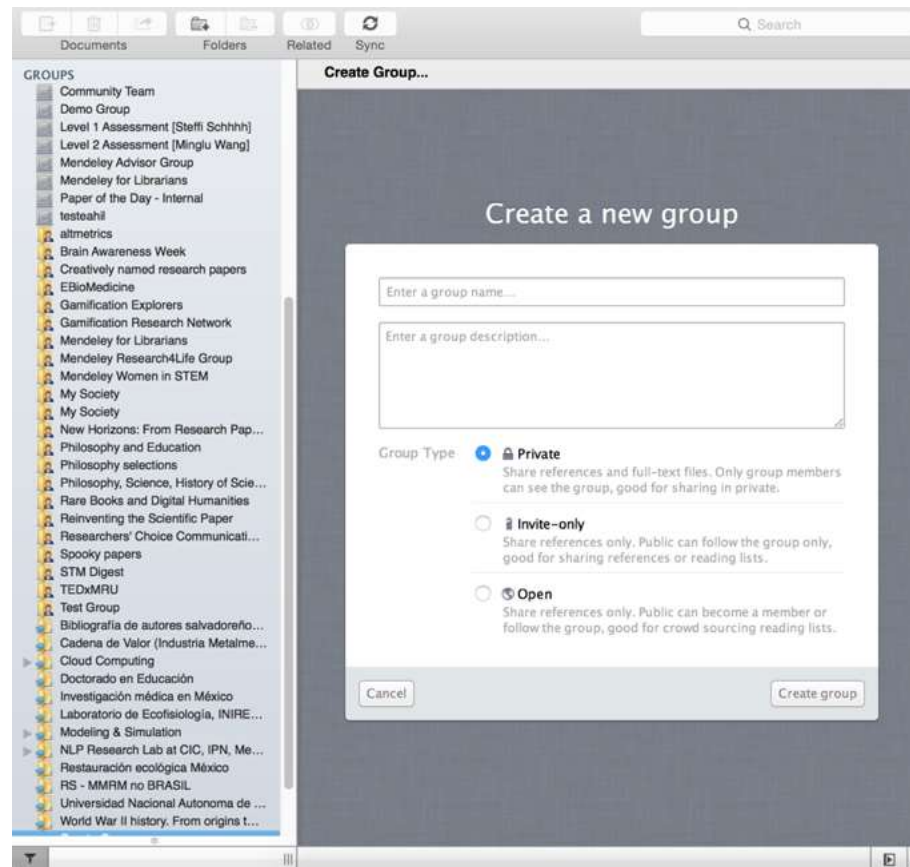
Join and Create Groups to Share References



Create Groups

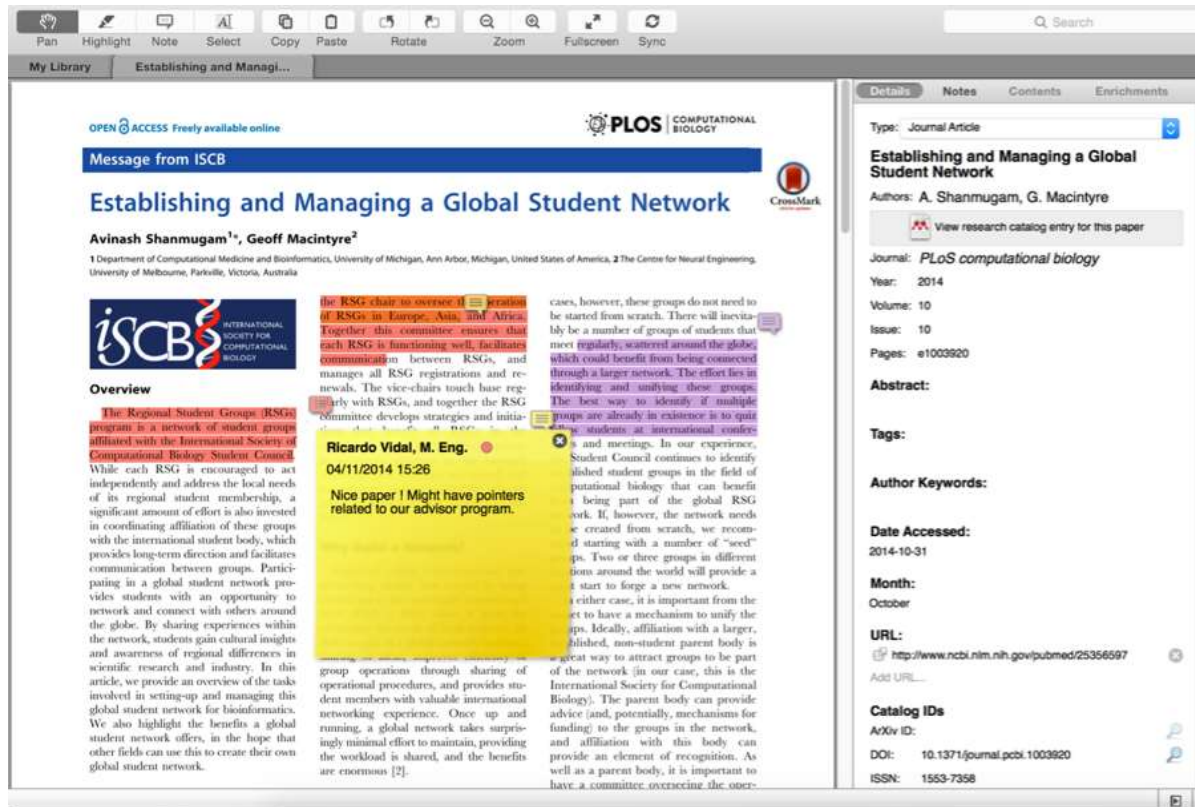
See the groups you created, joined or follow.

Add documents to a group by dragging and dropping.



Private Groups

Collaborate with Your Research Team



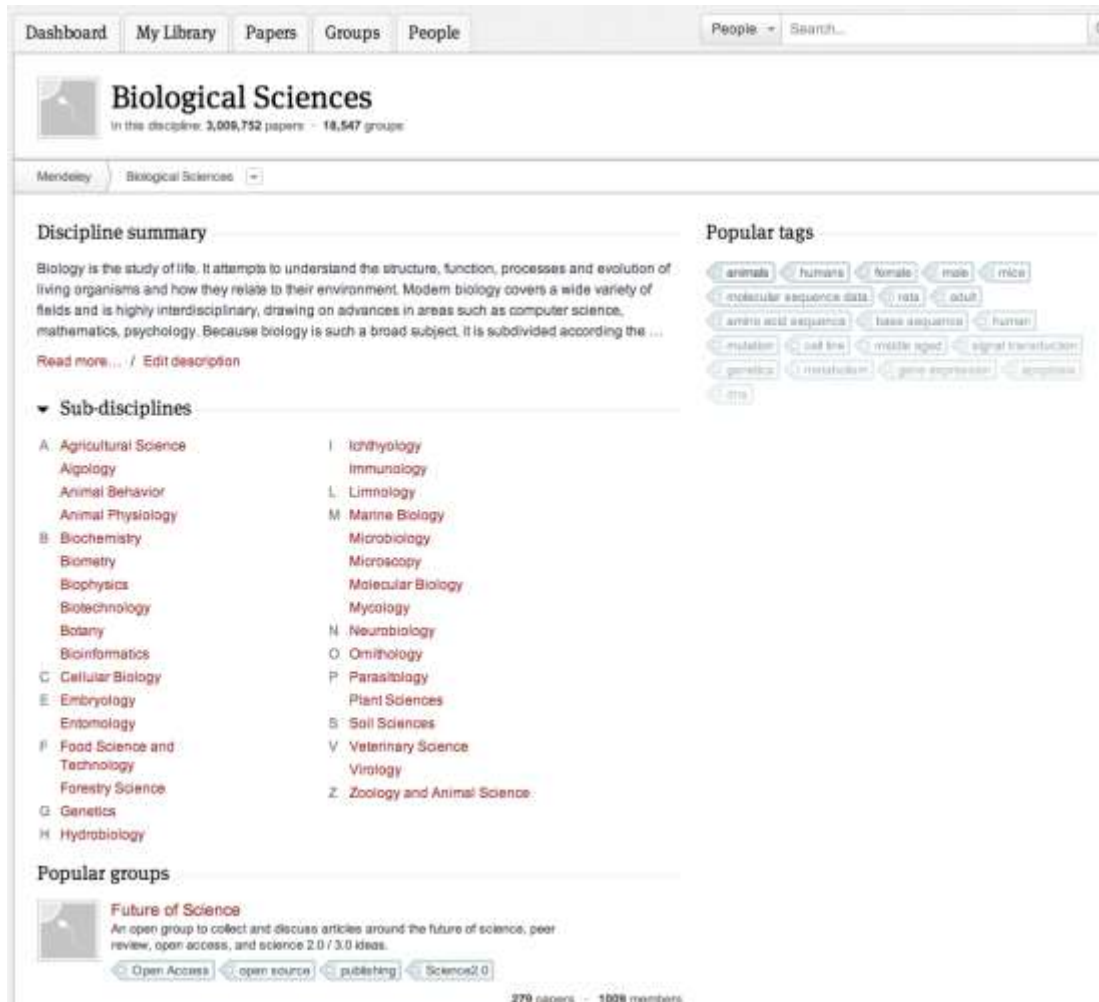
The screenshot shows the Mendeley Desktop application interface. The main window displays a research article from PLOS Computational Biology titled "Establishing and Managing a Global Student Network" by Avinash Shanmugam and Geoff Macintyre. The article text is visible, with several sections highlighted in different colors: red, yellow, and blue. A yellow sticky note is attached to the text, reading "Nice paper! Might have pointers related to our advisor program." The right-hand pane shows the article's metadata, including the journal name, authors, volume, issue, pages, and abstract. The top of the window features a toolbar with various editing tools like Pan, Highlight, Note, Select, Copy, Paste, Rotate, Zoom, Fullscreen, and Sync.

Share full-text documents with members of your private group

Share highlights and annotations

Each group member is assigned a different color for highlighting

Browse & Join Public Groups



The screenshot shows the Mendeley interface for the 'Biological Sciences' discipline. At the top, there are navigation tabs for 'Dashboard', 'My Library', 'Papers', 'Groups', and 'People'. A search bar is located to the right of these tabs. Below the navigation, the 'Biological Sciences' header includes a sub-header 'In this discipline: 3,006,752 papers - 18,547 groups'. A breadcrumb trail shows 'Mendeley > Biological Sciences'. The main content area is divided into two columns. The left column, titled 'Discipline summary', contains a paragraph about biology and a 'Read more...' link. Below this is a 'Sub-disciplines' section with a list of fields from A to Z. The right column, titled 'Popular tags', displays a grid of tags such as 'animals', 'humans', 'female', 'male', 'mice', 'molecular sequence data', 'rats', 'adult', 'amino acid sequence', 'base sequence', 'human', 'evolution', 'cell line', 'middle aged', 'signal transduction', 'genetics', 'metabolism', 'gene expression', 'ecophys', and 'dna'. At the bottom of the page, a 'Popular groups' section features a group titled 'Future of Science' with a description and tags like 'Open Access', 'open source', 'publishing', and 'Science2.0'. The footer of the page indicates '270 papers - 1008 members'.

Browse by discipline to discover new groups

Create your research profile

The screenshot displays a Mendeley profile for David Neal, Professor and SVP Global Research (Academic) at Elsevier. The profile includes a profile picture, location (Cambridge, United Kingdom), discipline (Medicine), and interests (Urology, Surgical Oncology, Prostate Cancer, Androgen Receptor Signalling and Prostate Cancer Genomics). Statistics show 471 Publications and 5145 Readers. The 'Followers' section lists five individuals: Olivier Dumon, Matteo Ripamonti, Holly Falk-Krzesinski, Patrick Crisfulla, and Bob Hendriks. The 'About' section contains a bio: 'I am a urological surgeon and translational researcher by training and background and spent over 11 years at the University of Cambridge developing the clinical urological services there and forming a new translational research group.' The 'Publications' section shows a list of publications, with the first one titled 'New androgen receptor genomic targets show an interaction with the ETS1 transcription factor' from EMBO Rep (2007), which has 42 Readers.

Receive personal stats on how your work is used

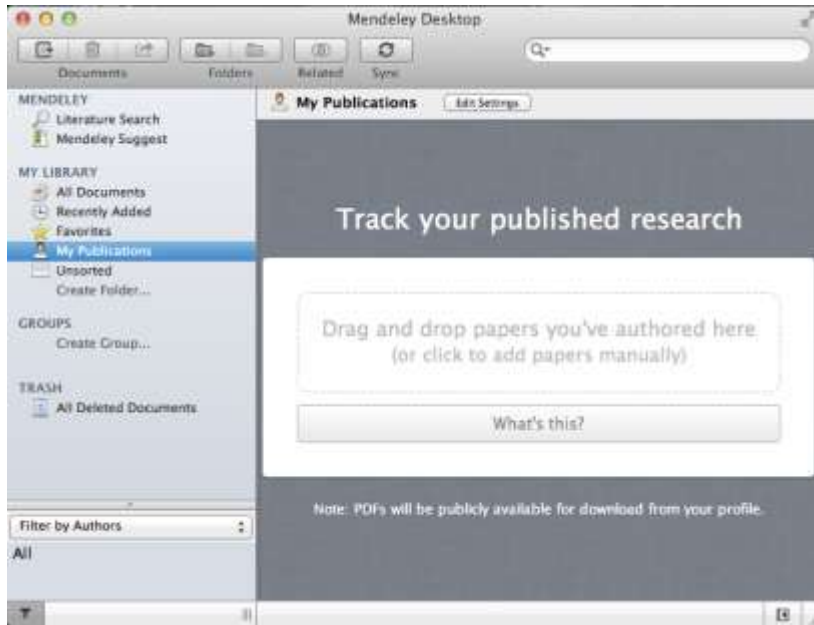
Promote your work and interests to a global audience

Share your work with other researchers

Connect with colleagues and join new communities



Showcase Your Publications



1. Add your own publications
2. Mendeley adds the PDFs to the public database
3. Showcase them on your profile



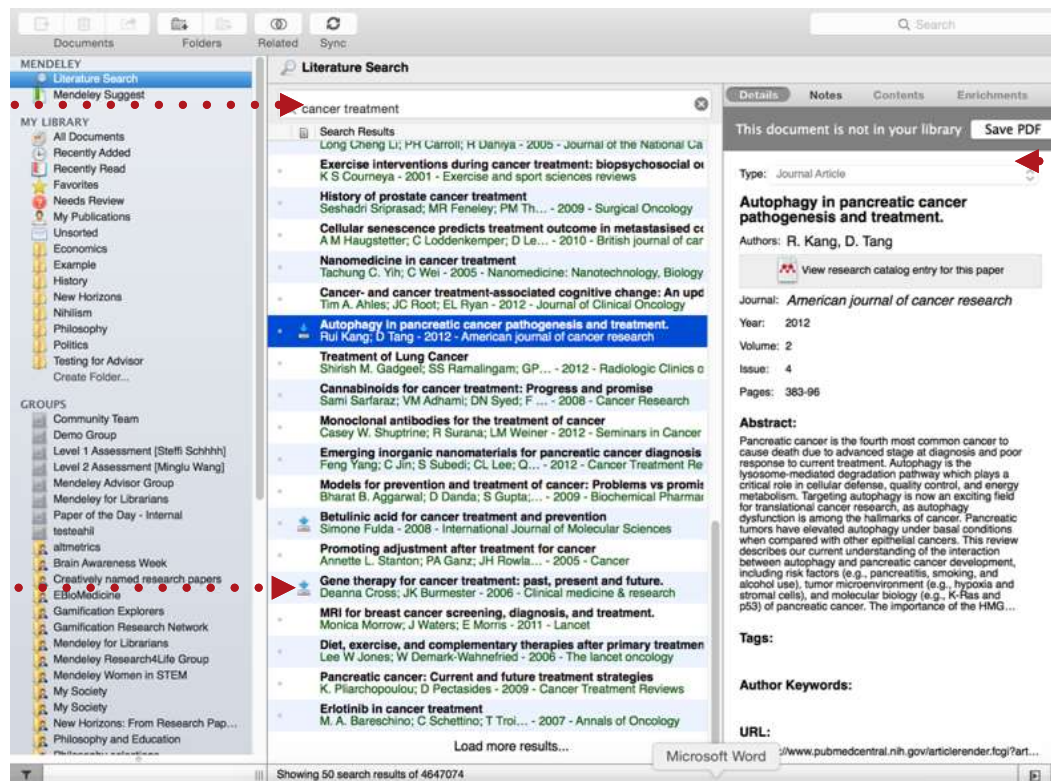
Discover

New Research, Recommendations, and Impact



Literature Search

Search the catalogue

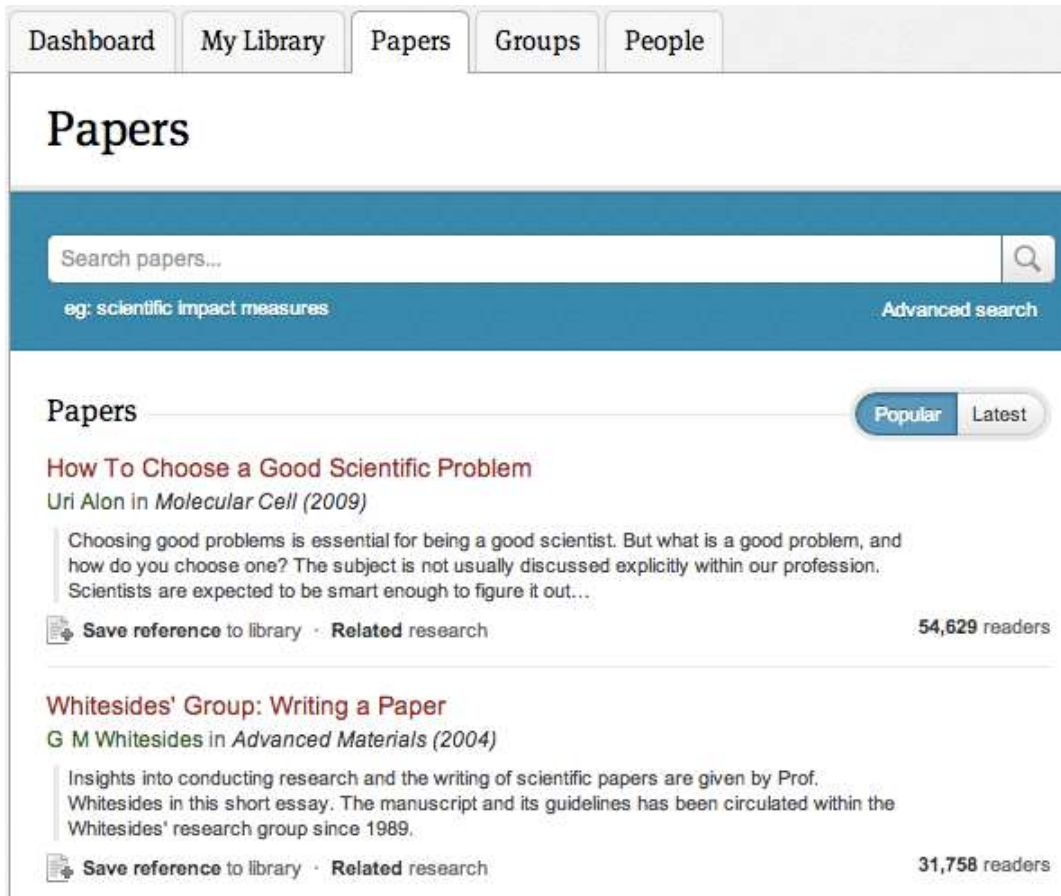


The screenshot shows the Mendeley Literature Search interface. The search bar at the top contains the text "cancer treatment". Below the search bar, a list of search results is displayed. The first result is "Autophagy in pancreatic cancer pathogenesis and treatment" by Rui Kang and D. Tang, published in the American journal of cancer research in 2012. This result is highlighted in blue. To the right of the search results, a details pane is open for the selected article. It shows the article title, authors, journal information, and an abstract. A red arrow points to the "Save PDF" button in the top right corner of the details pane.

If the full text is available, you'll see a download icon:

Save new research to your library with one click


Search the Catalog Online



The screenshot shows the Mendeley Papers search interface. At the top, there are navigation tabs: Dashboard, My Library, Papers (selected), Groups, and People. Below the tabs is a search bar with the text "Search papers..." and a magnifying glass icon. Below the search bar is a blue bar with the text "eg: scientific impact measures" and "Advanced search". Below the blue bar is a section titled "Papers" with two tabs: "Popular" (selected) and "Latest". Below the "Popular" tab is a list of papers. The first paper is "How To Choose a Good Scientific Problem" by Uri Alon in *Molecular Cell* (2009). The second paper is "Whitesides' Group: Writing a Paper" by G M Whitesides in *Advanced Materials* (2004). Each paper entry includes a brief description, a "Save reference to library" button, a "Related research" link, and a reader count.

Dashboard My Library Papers Groups People

Papers


Search papers... 

eg: scientific impact measures [Advanced search](#)

Papers Popular Latest


How To Choose a Good Scientific Problem
Uri Alon in *Molecular Cell* (2009)

Choosing good problems is essential for being a good scientist. But what is a good problem, and how do you choose one? The subject is not usually discussed explicitly within our profession. Scientists are expected to be smart enough to figure it out...

 Save reference to library · [Related research](#) **54,629** readers

Whitesides' Group: Writing a Paper
G M Whitesides in *Advanced Materials* (2004)

Insights into conducting research and the writing of scientific papers are given by Prof. Whitesides in this short essay. The manuscript and its guidelines has been circulated within the Whitesides' research group since 1989.

 Save reference to library · [Related research](#) **31,758** readers

Conduct advanced searches or browse by discipline

Find new research based on what is popular or the most recently added

Quickly Add New Research



The screenshot shows the Mendeley web interface for a research article titled "How to choose a good scientific problem." by Uri Alon. The article is from the journal *Molecular Cell* (2009), Volume 35, Issue 6, published by Elsevier Inc., with pages 726-728. The PubMed ID is 19782018. The article is available from www.ncbi.nlm.nih.gov.

A tooltip is displayed over the "Find this paper at:" dropdown menu, listing several OpenURL resolvers: Columbia University in the City of New York, New York University, openurl.ac.uk, WorldCat®, and Google Scholar. The tooltip text reads: "Look up this article using an OpenURL resolver".

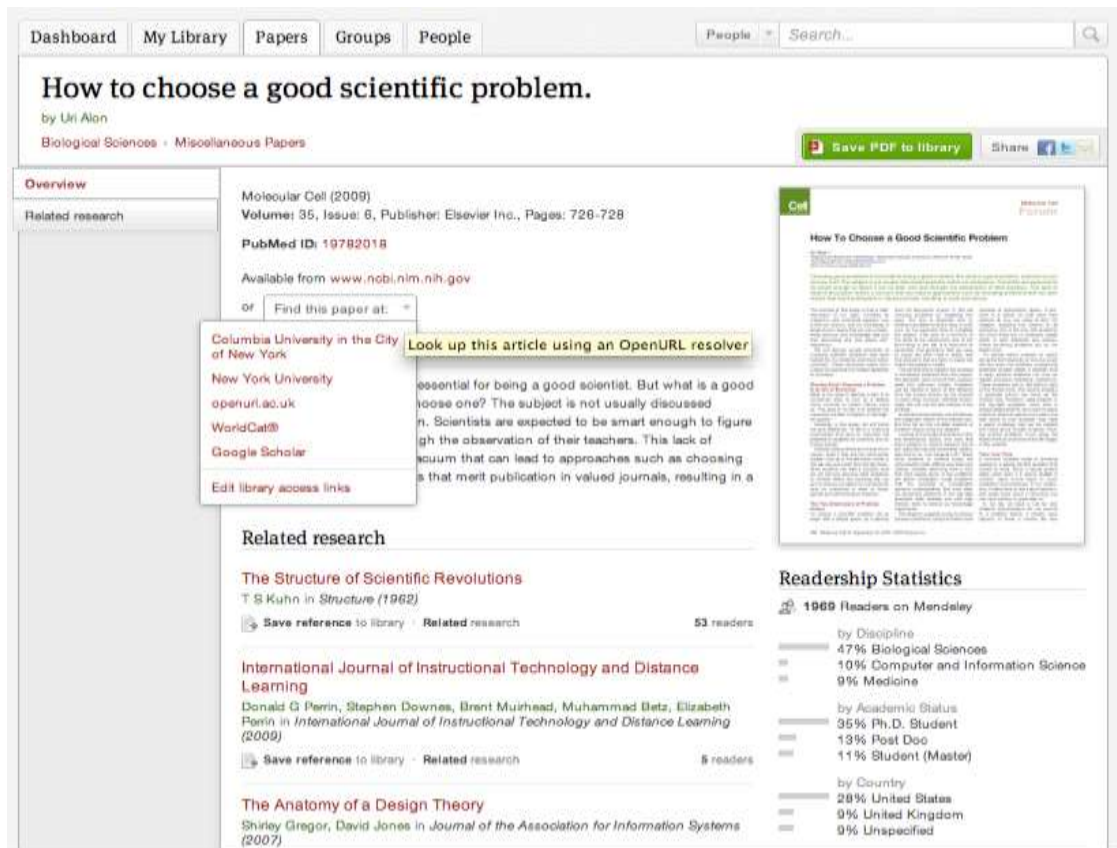
The interface also shows a "Save PDF to library" button, a "Share" button, and a "Related research" section with three entries: "The Structure of Scientific Revolutions" (53 readers), "International Journal of Instructional Technology and Distance Learning" (5 readers), and "The Anatomy of a Design Theory".

The "Readership Statistics" section shows 1980 readers on Mendeley, broken down by discipline (47% Biological Sciences, 10% Computer and Information Science, 9% Medicine), academic status (95% Ph.D. Student, 13% Post Doc, 11% Student (Master)), and country (28% United States, 9% United Kingdom, 9% Unspecified).

If the article is freely available, it's a one-click addition to your library

Or use Open URL to locate the full text

Get Statistics



How to choose a good scientific problem.
by Uri Alon
Biological Sciences · Miscellaneous Papers

Save PDF to library Share

Overview
Related research

Molecular Cell (2009)
Volume: 35, Issue: 6, Publisher: Elsevier Inc., Pages: 726-728
PubMed ID: 19782018
Available from www.ncbi.nlm.nih.gov

Find this paper at:

- Columbia University in the City of New York
- New York University
- openurl.ac.uk
- WorldCat@
- Google Scholar
- Edit library access links

Look up this article using an OpenURL resolver

essential for being a good scientist. But what is a good
oose one? The subject is not usually discussed
n. Scientists are expected to be smart enough to figure
gh the observation of their teachers. This lack of
acuum that can lead to approaches such as choosing
s that merit publication in valued journals, resulting in a

Related research

The Structure of Scientific Revolutions
T S Kuhn in *Structure (1962)*
Save reference to library · Related research 53 readers

International Journal of Instructional Technology and Distance Learning
Donald G Perin, Stephen Downes, Brent Muirhead, Muhammad Bieta, Elizabeth Perin in *International Journal of Instructional Technology and Distance Learning (2009)*
Save reference to library · Related research 5 readers

The Anatomy of a Design Theory
Shirley Gregor, David Jones in *Journal of the Association for Information Systems (2007)*

Readership Statistics
1969 Readers on Mendeley

by Discipline

- 47% Biological Sciences
- 10% Computer and Information Science
- 9% Medicine

by Academic Status

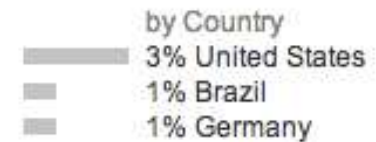
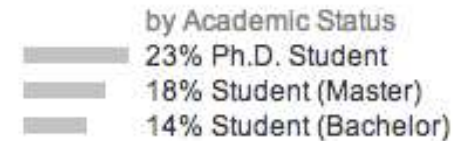
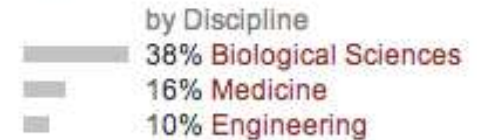
- 35% Ph.D. Student
- 13% Post Doc
- 11% Student (Master)

by Country

- 28% United States
- 9% United Kingdom
- 9% Unspecified

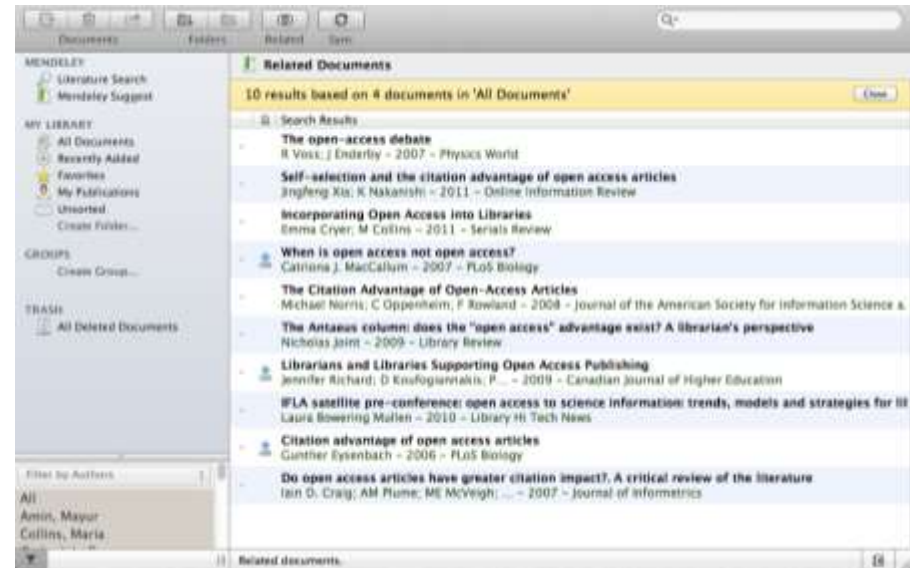
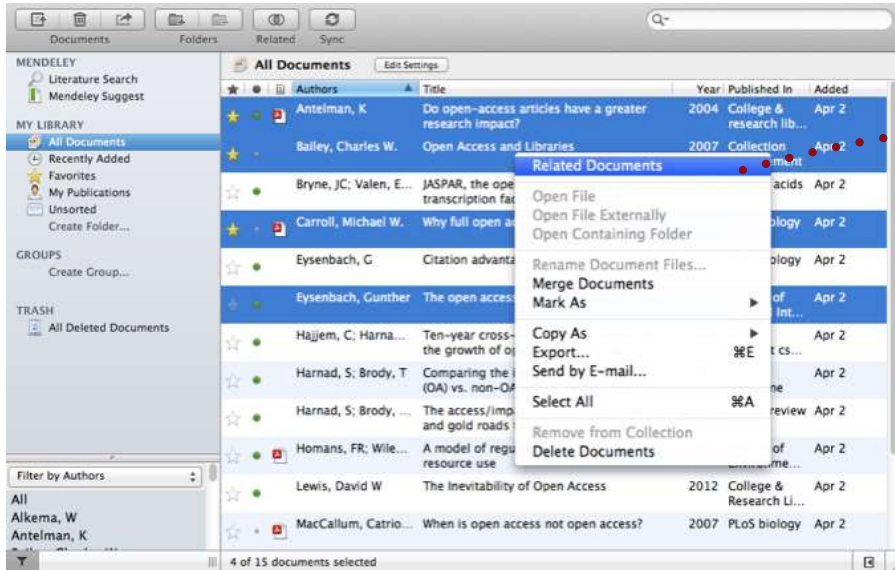
Readership Statistics

58274 Readers on Mendeley



Social statistics help you learn about others using this paper

Related Documents



1. Select two or more articles
2. Click 'Related Documents'
3. Receive customized recommendations

Talk to Us

Let us know if you need help or resources



Resources



<http://community.mendeley.com/guides>

Support



<http://support.mendeley.com>

Feedback



<http://feedback.mendeley.com>

Thanks for coming!

Sílvia Costa Lopes

Faculdade de Farmácia da Universidade de Lisboa
Avenida Prof. Gama Pinto, 1649-003 Lisboa, Portugal

(+351) 217 946 484 | slopes@ff.ulisboa.pt
www.ff.ulisboa.pt