

Pub-Xel User Manual

Rationale:

Biomedical researchers often must handle hundreds, even thousands of biomedical articles throughout their research career. Pub-Xel is for those who want quick, efficient, and easy measure to organize biomedical articles. Pub-Xel is a support software designed to enable users to manage their biomedical literature in Microsoft Excel spreadsheets.

Please note that Pub-Xel is currentted supported in Windows only.

What to expect:

With Pub-Xel, you can:

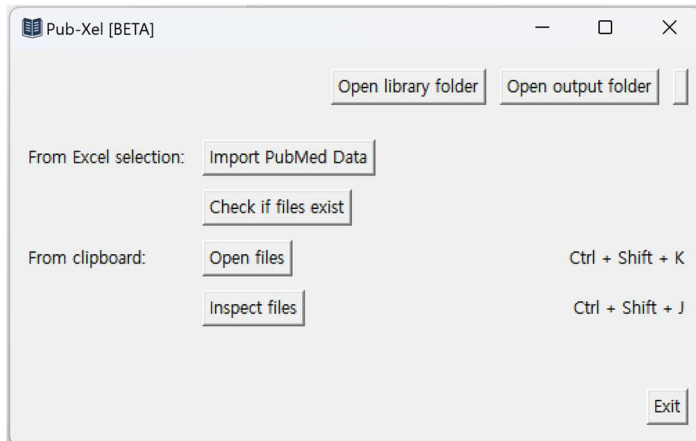
- Manage your biomedical references in Excel spreadsheet
- Import article information (e.g., authors journal, impact factor) from PubMed to Excel
- open article pdfs / supplemental files from Excel
- open article pdfs / supplemental files from anywhere, like ppts or word manuscript
- Manipulate article files

With Pub-Xel, you can finally manage your library of literature in the most straightforward way you have not imagined before.

How to use

Step 0. Settings

Open Pub-Xel.exe. A screen will pop up. Leave it turned on throughout your work. Press "Exit" if you want to exit later.



Pub-Xel.exe screen

Find the article of your interest in PubMed. Download the article pdf file. Name the file by its PMID, and place the file in "article_library" folder in your Desktop. Then you are all set.

The article you want

Safety and activity of anti-PD-L1 antibody in patients with advanced cancer

Julie R Brahmer¹, Scott S Tykodi, Laura Q M Chow, Wen-Jen Hwu, Suzanne L Topalian, Patrick Hwu, Charles G Drake, Luis H Camacho, John Kauh, Kunle Odunsi, Henry C Pitot, Omid Hamid, Shailender Bhatia, Renato Martins, Keith Eaton, Shuming Chen, Theresa M Salay, Suresh Alaparthi, Joseph F Grosso, Alan J Korman, Susan M Parker, Shruti Agrawal, Stacie M Goldberg, Drew M Pardoll, Ashok Gupta, Jon M Wigginton

Affiliations + expand
PMID: 22658128 PMCID: PMC3563263 DOI: 10.1056/NEJ

PMID of the article

FULL TEXT LINKS

NEJM FREE FULL TEXT
FREE Full text PMC

1. Download the article from the internet.
2. Find article_library folder in your Desktop.
3. Save the article file as PMID of the article.

article_library

File Name	File Type
22658128	Adobe Acrobat Document
12466506	Adobe Acrobat Document
35348765	Adobe Acrobat Document
34289984	Adobe Acrobat Document
34868984	Adobe Acrobat Document
38718835	Adobe Acrobat Document

saving pdf files

Step 1. Importing data to Excel

Open the excel template file. Rename and save it as you please. In the Excel sheet, at the first column, list the PMID of your references. Then, select the Excel cells containing PMIDs. Go to Pub-Xel and click "Import PubMed Data." The rest of the excel columns will be filled with the data, including first author, year, journal, abstract, and 2022 impact factor.

1. List the PMIDs

2. Select cells

3. Click

4. Check imported data

ref	memo	firstAuthor	year	journal	title	abstract	output1	IF2022
22658128		Brahmer JR	2012	N Engl J Med	Safety and activity of anti-PD-L1 antibody in patients with advanced cancer	Background:	Brahmer JR, 2012. PMID: 22658128, N Engl J Med (IF: 158.5). Safety and activity of anti-PD-L1 antibody in patients with advanced cancer	158.5
38024239		Tatagiba M	2023	Neurooncol Adv	A comparative study of microsurgery and gamma knife radiosurgery in vestibular schwannoma evaluating tumor control and functional outcome	Background:	Tatagiba M, 2023. PMID: 38024239, Neurooncol Adv (IF: 3.5). A comparative study of microsurgery and gamma knife radiosurgery in vestibular schwannoma evaluating tumor control and functional outcome	3.5
32518238		Rueß D	2020	Sci Rep	Outcome and toxicity analysis of single dose stereotactic radiosurgery in vestibular schwannoma based on the Koos grading system	Stereotactic	Rueß D, 2020. PMID: 32518238, Sci Rep (IF: 4.6). Outcome and toxicity analysis of single dose stereotactic radiosurgery in vestibular schwannoma based on the Koos grading system	4.6
25555165		Carlson ML	2015	J Neurosurg	Long-term quality of life in patients with vestibular schwannoma: an international multicenter cross-sectional study comparing microsurgery, stereotactic radiosurgery, observation, and nontumor controls	Object: The	Carlson ML, 2015. PMID: 25555165, J Neurosurg (IF: 4.1). Long-term quality of life in patients with vestibular schwannoma: an international multicenter cross-sectional study comparing microsurgery, stereotactic radiosurgery, observation, and nontumor controls	4.1

Importing article data from PubMed

Doing so will also give you a neat citation form in "output1" column. Copy and paste it wherever you need to present a reference for the article in your ppts.

Pub-Xel will also check whether you have the article (pdf) file corresponding to the PMIDs in the Excel cells. The cells will turn blue if you have them. You can repeat just this action more quickly by selecting the cells and clicking "Check if files exist" button in Pub-Xel.

Step 2-1. Opening article files

Select the cell containing PMID and copy it (Ctrl + C). Once the PMID is copied to the clipboard, you can open it whenever you want, by pressing "Open files" button or simply pressing the hotkey (Ctrl+shift+K).

1. Copy cell you want to open

2. Press button, or click Ctrl+shift+K

3. Check opened pdf

The screenshot shows an Excel spreadsheet with columns 'ref', 'memo', and 'firstAuthor'. The 'ref' column contains PMIDs: 22658128, 38024239, and 32518238. The 'firstAuthor' column contains: Brahmer JR, Tatagiba M, and Rueß D. The 'Pub-Xel (BETA)' application window is open, showing the 'From clipboard:' section with the 'Open files' button highlighted. The Adobe Acrobat Reader window shows the opened PDF file, which is an NIH Public Access Author Manuscript titled 'Safety and Activity of Anti-PD-L1 Antibody in Patients with Advanced Cancer'.

Opening a file from clipboard

You can also open multiple pdf files in this way. Just select multiple cells, copy them, and click "Open files" button or press the hotkey (Ctrl+shift+K).

1. Copy cells you want to open

2. Press button, or click Ctrl+shift+K

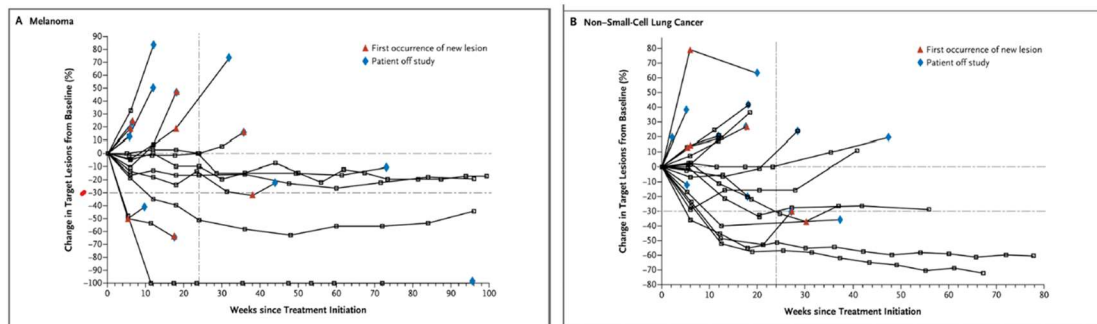
3. Check opened pdfs

The screenshot shows the same Excel spreadsheet as above. The 'Pub-Xel (BETA)' application window is open, showing the 'From clipboard:' section with the 'Open files' button highlighted. The Adobe Acrobat Reader window shows multiple opened PDF files, including '22658128.pdf', '38024239.pdf', and '32518238.pdf'. The main content of the PDFs is visible, showing the title 'Outcome and toxicity analysis of single dose stereotactic radiosurgery in vestibular schwannoma based on the Koos grading system'.

Opening multiple files from clipboard

Note that to open files from the clipboard, You don't have to copy the PMID from the Excel file, but from anywhere.

Figures - Activity of Anti-PD-L1 Antibody in Patients with Advanced Melanoma and Non-Small-Cell Lung Cancer



- [Brahmer JR](#), 2012. PMID: [22658128](#); N Engl J Med (IF: 158.5). Safety and activity of anti-PD-L1 antibody in patients with advanced cancer

You can open pdfs from anywhere (e.g., from your ppt file in the middle of your presentation), by copying the PMID and pressing hotkeys (Ctrl+shift+K).

Step 2-2. Opening supplementary files

You can save supplementary files of an article and manage them with PubXel. Download supplementary files of a PubMed article and name them in this format: "PMID xxx". For example, "22658128 disclosures" or "22658128 protocol" or "22658128 suppl". Save them in "article_library" folder. Then your supplements are ready.

SUPPLEMENTARY MATERIAL

Protocol (nejmoa1200694_protocol.pdf) 5.54 MB

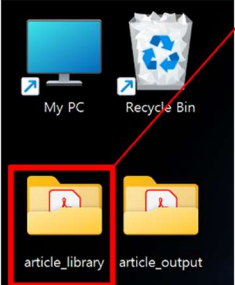
[Download](#)

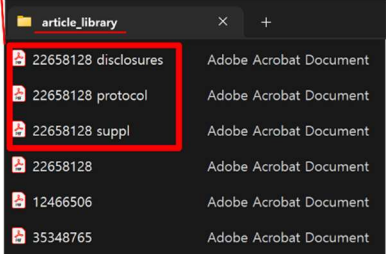
Supplementary Appendix (nejmoa1200694_appendix.pdf) 624.35 KB

[Download](#)

Disclosure Forms (nejmoa1200694_disclosures.pdf) 1.62 MB

[Download](#)





1. Download supplements from the internet.
2. Find article_library folder in your Desktop.
3. Save the article file, as "PMID xxx".

Saving supplementary files

After copying the PMID(s), click “Inspect files” button or press its hotkey (Ctrl+shift+J). A screen will pop up, showing the list of associated main files and supplementary files. Checkbox the files you want and press “Open Selected” to open files.

1. Copy cell(s) you want to open

ref	memo	firstAuthor
22658128		Brahmer JR
38024239		Tatagiba M
32518238		Rueß D

2. Press button, or click Ctrl+shift+J

3. Check files you want to open

4. Click

5. Files opened

Supplementary Appendix

This appendix has been provided by the authors to give readers additional information about their work.

Supplement to: Brahmer JR, Tykodi SS, Chow LQM, et al. Safety and activity of anti-PD-L1 antibody in patients with advanced cancer. N Engl J Med 2012;366:2455-65. DOI: 10.1056/NEJMoa1200694.

Opening main and supplementary files

Step 2-3. Sending files somewhere else

You might need to send some of the pdf files to another device or another person. Copy the relevant PMIDs in the excel file, and then click "Inspect files" button or press its hotkey (Ctrl+shift+J). Check the files you want to send, and press "Export Selected". The copy of the files will be presented at "article_output" folder in your desktop.

1. Copy cell(s)

ref	memo	firstAuthor
22658128		Brahmer JR
38024239		Tatagiba M
32518238		RueB D

2. Press button, or click Ctrl+shift+J

Pub-Xel (BETA)

Open library folder | Open output folder

From Excel selection: Import PubMed Data

Check if files exist

From clipboard: Open files | Inspect files

Ctrl + Shift + K | Ctrl + Shift + J

3. Check files you want to open

Inspect files

1 PubMed article(s):

Main files all available

Main files

Suppl files

☒ File 22658128.pdf

☐ File 22658128 disclosures.pdf

☐ File 22658128 protocol.pdf

☒ File 22658128 suppl.pdf

4. Click

Open: Selected | All

Export: Selected | All

Exit (esc)

5. Files exported

article_output

22658128 suppl | Adobe Acrobat Document

22658128 | Adobe Acrobat Document

Exporting article files

Step 2-4. Managing non-PubMed articles

You can manage non-PubMed articles or files in the same manner. Save the article files in "article_library" by a unique name, and use that name as an ID to identify the article. Just one thing: you must make sure that non-PubMed file name does not start with a number. If it starts with a number, Pub-Xel will identify that file as a supplementary material of a PubMed article.

Step 3. There is more...

Pub-Xel is currently in its beta version. Version 1 will be launched at July 2024, freely available for biomedical researchers worldwide. More features are yet to come (MacOS support, import citation count, auto-download pdf files, ...). Please feel free to **send any bug reports, suggestions, and your thoughts to crossing96@gmail.com**. I appreciate your participation in the beta version.